

Puget Sound Clean Air Agency

1904 3rd Ave, Ste 105, Seattle, WA 98101-3317; Agata McIntyre (206) 689-4061

Point Source Emission Report

September 2, 2008

BOEING COMMERCIAL AIRPLANE GROUP - EVERETT

Facility ID #: 13120

AFS#: 053-061-00039

9004-70-0	V	Wet Nitrocellulose				
8042-47-5	V	White Mineral Oil	40	< 1	45	< 1
1330-20-7	V T H	Xylenes	3,309	2	3,505	2
7646-85-7	T	Zinc chloride fumes				
13530-65-9	T H	Zinc chromates [chromium compound]				
1314-13-2	T	Zinc oxide, fumes	28	< 1	30	< 1
			<hr/>	<hr/>	<hr/>	<hr/>
Volatile Organic Compounds Total (V)			538,526	269	595,739	298
Toxic Air Contaminants Total (T)			478,113	239	557,137	279
Hazardous Air Pollutants Total (H)			57,436	29	65,727	33

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68608-26-4	V	Sodium Petroleum Sulfonate				
64742-62-7	V	Solvent-Dewaxed Residual Oil				
8052-41-3	V	Stoddard solvent	896	< 1	598	< 1
7789-06-2	TH	Strontium Chromate				
100-42-5	VTH	Styrene	2,913	1	1,098	< 1
9003-53-6	V	Styrene polymer				
SO2		Sulfur Oxides				
7664-93-9	T	Sulfuric acid				
26140-60-3	VT	Terphenyls				
61788-32-7	V	Terphenyls, hydrogenated				
75-65-0	VT	tert-Butyl alcohol				
79-94-7	V	Tetrabromobisphenol A				
112-57-2	V	Tetraethylene pentamine	46	< 1	46	< 1
26352-16-9	V	Tetraethylsilicate				
109-99-9	VT	Tetrahydrofuran	5,204	3	10,050	5
1070-10-6	V	Tetraoctyl Titanate (2)				
137-26-8	VT	Thiuram				
7440-31-5	T	Tin and compounds				
108-88-3	VTH	Toluene	24,880	12	26,347	13
584-84-9	VTH	Toluene-2,4-diisocyanate (TDI)				
91-08-7	V	TOLUENE-2,6-DIISOCYANATE (1,3-DIISOCYANATO-2-METHYL-BENZENE)				
90-72-2	V	Tri (Dimethylaminomethyl) Phenol	522	< 1	642	< 1
126-73-8	VT	Tributyl phosphate				
79-01-6	VTH	Trichloroethylene	618	< 1	674	< 1
75-69-4	T	Trichlorofluoromethane (CFC-11)				
1330-78-5	V	Tricresyl phosphate (1)				
102-71-6	V	Triethanolamine				
112-27-6	V	Triethylene Glycol	4	< 1		
26950-63-0	V	Triethylene tetramine polymer with methyl oxirane				
75-63-8	VT	Trifluorobromomethane				
25551-13-7	VT	Trimethyl benzene			3	< 1
68909-20-6	V	Trimethylated silica				
115-86-6	VT	Triphenyl phosphate				
51-79-6	VTH	Urethan (Ethyl carbamate)	2	< 1	1	< 1
108-05-4	VTH	Vinyl acetate	2	< 1	1	< 1
75-01-4	VTH	Vinyl chloride				
9003-22-9	V	Vinyl chloride/acetate polymer	17	< 1		
106-87-6	VT	Vinyl cyclohexene dioxide				
25013-15-4	VT	Vinyl toluene	2	< 1		
8032-32-4	VT	VM & P Naphtha	6,786	3	8,622	4
54742-95-6	V	Volatile Petroleum Distillate	2,360	1	3,198	2

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28064-14-4	V	Phenolic novolak resin				
66554-75-4	V	Phenolic resin				
122-60-1	VT	Phenyl glycidyl ether				
7664-38-2	T	Phosphoric acid				
85-44-9	VT H	Phthalic anhydride				
9003-55-8	V	Poly (butadiene-styrene)				
9069-50-5	V	Poly(oxy-1,4-butanediyl)-alpha-hydroxy-om egs-hydro				
25322-69-4	V	Polyalkalene glycol				
68082-29-1	V	Polyamide resin				
1336-36-3	VT H	Polychlorinated biphenyls (arochlors) (PCBs)				
9010-98-4	V	Polychloroprene	2	< 1		
70131-67-8	V	Polydimethylsiloxane				
68797-54-6	V	Polyester resin(1)				
85959-88-2	V	Polyester resin(2)				
25322-68-3	V	Polyethylene glycol, 400	7	< 1	7	< 1
29320-38-5	V	Polyethylene polyamines	20	< 1	20	< 1
9016-87-9	V	Polymeric MDI type				
69178-40-1	V	Polymethylene polyphenyl amine polyalkylphenyl amine				
25723-16-4	V	Polyoxypropylene triol				
9003-07-0	V	Polypropylene				
68310-52-1	V	Polypropylene polyglycol				
68611-50-7	V	Polysulfide liquid polmer				
9002-84-0	V	Polytetrafluoroethylene				
68988-56-7	V	Polytrimethylhydrosilylsilicate				
1310-58-3	T	Potassium hydroxide				
74-98-6	V	Propane	281	< 1	473	< 1
68476-86-8	V	Propane/isobutane(1)	20	< 1	22	< 1
79-09-4	VT	Propionic acid				
88917-22-0	V	Propylene glycol methyl ether acetate	822	< 1	197	< 1
107-98-2	VT	Propylene glycol mono-methyl ether	562	< 1	720	< 1
75-56-9	VT H	Propylene oxide				
64742-01-4	V	Residual oils (petroleum) solvent refined			13	< 1
55997-13-9	V	Resin ester				
8050-09-7	V	Rosin				
78-92-2	VT	sec-Butyl alcohol	4,263	2	4,207	2
7782-49-2	T H	Selenium and compounds				
75-79-6	V	SILANE (METHYLTRICHLOROSILANE)				
7440-22-4	T	Silver, metals and soluble compounds				
25155-30-0	V	Sodium Dodecylbenzene Sulfonate				
1310-73-2	T	Sodium hydroxide				

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64741-65-7	V	Naphtha (petroleum) heavy alkylated (isopar)	8,002	4	7,487	4
8030-30-6	VT	Naphtha (Rubber solvents)	_____	_____	2	< 1
91-20-3	VT H	Naphthalene	10	< 1	16	< 1
64742-53-6	V	Napthenic distillate	_____	_____	_____	_____
123-86-4	VT	n-Butyl acetate	11,015	6	12,021	6
71-36-3	VT	n-Butyl alcohol	1,150	< 1	1,226	< 1
2426-08-6	VT	n-Butyl glycidyl ether (BGE)	_____	_____	_____	_____
17557-23-2	V	Neopentyl glycol diglycidyl ether	_____	_____	_____	_____
7440-02-0	T H	Nickel and compounds	2	< 1	2	< 1
7697-37-2	T	Nitric acid	_____	_____	_____	_____
10102-43-9	T	Nitric oxide	_____	_____	_____	_____
79-24-3	VT	Nitroethane	2,938	1	3,376	2
NO2		Nitrogen Oxides	119,754	60	123,604	62
75-52-5	VT	Nitromethane	_____	_____	_____	_____
111-84-2	VT	Nonane	_____	_____	_____	_____
25154-52-3	V	Nonylphenol (2)	68	< 1	25	< 1
9016-45-9	V	Nonylphenoxy-poly(Ethyleneoxy) Ethanol	_____	_____	_____	_____
109-60-4	VT	n-Propyl acetate	18	< 1	20	< 1
71-23-8	VT	n-Propyl alcohol	1,843	< 1	2,187	1
95-49-8	VT	o-Chlorotoluene	_____	_____	_____	_____
111-65-9	VT	Octane	_____	_____	7	< 1
9036-19-5	V	Octylphenoxy Polyethoxyethanol	211	< 1	239	< 1
95-50-1	VT	o-Dichlorobenzene	1	< 1	2	< 1
70321-87-8	V	Oleic acid, tetraethylene pentamine polymer	_____	_____	_____	_____
43207	V	Other Volatile Organic Compounds (VOC)	9,568	5	12,951	6
95-53-4	VT H	o-Toluidine	_____	_____	_____	_____
2386-87-0	V	Oxabicyclo (4.1.0)heptane-3-carboxylic acid -	_____	_____	_____	_____
144-62-7	VT	Oxalic acid	_____	_____	_____	_____
8012-95-1	VT	Paraffin oil (Oil mist, mineral)	_____	_____	_____	_____
64742-65-0	V	Paraffinic petroleum distillates	_____	_____	_____	_____
8002-74-2	VT	Parafin wax fumes	_____	_____	_____	_____
PM10		Particulate Matter	_____	_____	_____	_____
109-66-0	VT	Pentane	58	< 1	20	< 1
127-18-4	T H	Perchloroethylene (tetrachloroethylene)	124	< 1	130	< 1
8009-03-8	V	Petrolatum	_____	_____	_____	_____
8002-05-9	V	Petroleum distillate (hydrocarbon oil)	49	< 1	14	< 1
64742-47-8	V	Petroleum distillate, hydrotreated light	482	< 1	1,854	< 1
64742-46-7	V	Petroleum distillates	_____	_____	_____	_____
64742-89-8	V	Petroleum naphtha, paraffins & naphthenes	993	< 1	1,083	< 1
108-95-2	VT H	Phenol	1,006	< 1	2,573	1
9039-25-2	V	Phenol/formaldehyde resin	_____	_____	_____	_____
9003-35-4	V	Phenol-formaldehyde resin	_____	_____	_____	_____

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8016-28-2	V	Lard oil			42	< 1
7439-92-1	T H	Lead and compounds			1	< 1
7758-97-6	T H	Lead chromate, as Cr [lead and chromium compound]				
68476-85-7	VT	Liquified petroleum gas	250	< 1	124	< 1
1309-48-4	T	Magnesium oxide fumes				
68611-24-5	V	Magnesium resinate(1)				
108-31-6	V T H	Maleic anhydride				
7439-96-5	T H	Manganese and compounds	4	< 1	4	< 1
119147-89-6	V	Mercaptan terminated polymer				
149-30-4	V	Mercaptobenzothiazole (mtb)				
7439-97-6	T H	Mercury and compounds				
108-67-8	V	Mesitylene (1,3,5-Trimethylbenzene)	39	< 1	239	< 1
79-41-4	VT	Methacrylic acid			1	< 1
137-05-3	VT	Methyl 2-cyanoacrylate				
74-99-7	VT	Methyl acetylene				
67-56-1	V T H	Methyl alcohol (Methanol)	2,215	1	1,310	< 1
109-86-4	VT	Methyl cellosolve (2-Methoxyethanol)	4	< 1	4	< 1
1338-23-4	VT	Methyl ethyl ketone peroxide	2	< 1		
110-12-3	VT	Methyl isoamyl ketone				
108-11-2	VT	Methyl isobutyl carbinol	27	< 1	18	< 1
108-10-1	V T H	Methyl isobutyl ketone (MIBK; Hexone)	13,344	7	15,478	8
80-62-6	V T H	Methyl methacrylate	11	< 1	32	< 1
110-43-0	VT	Methyl n-amyl ketone	28,491	14	26,930	13
1634-04-4	V T H	Methyl tert butyl ether	124	< 1	146	< 1
109-87-5	VT	Methylal				
74-89-5	VT	Methylamine	1	< 1	1	< 1
108-87-2	VT	Methylcyclohexane				
5124-30-1	VT	Methylene bis(4-cyclo-hexylisocyanate; cyclohexane)				
101-68-8	V T H	Methylene bis(phenyl isocyanate)(Methylene diphenyl diisocyanate MDI)				
108-65-6	V	Methoxy-2-propanol acetate	322	< 1	144	< 1
4253-34-3	V	Methyltriacetoxysilane	74	< 1	80	< 1
1185-55-3	V	Methyltrimethoxysilane	548	< 1	148	< 1
64741-44-2	V	Mineral seal oil				
64475-85-0	V	Mineral spirits				
64742-88-7	V	Mineral spirits	2,181	1	3,614	2
7439-98-7	T	Molybdenum and compounds				
110-91-8	VT	Morpholine				
1477-55-0	VT	m-Xylene a,a'-diamine (Benzenedimethanamine)				
628-63-7	VT	n-Amyl acetate	8	< 1	11	< 1

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75-21-8	VTH	Ethylene oxide				
68410-23-1	V	Fatty acids,C18-unsat,dimers,rxn prdts w/p'ethylene amines				
16984-48-8	T	Fluorides, as F				
50-00-0	VTH	Formaldehyde	204	<1	113	<1
64-18-6	VT	Formic acid (methanoic acid)	1	<1	1	<1
98-00-0	VT	Furfuryl alcohol				
96-48-0	V	Gamma-Butyrolactone			289	<1
8006-61-9	V	Gasoline				
56-81-5	V	Glycerol	5	<1	10	<1
GLYET	VTH	Glycol ethers				
79-14-1	V	Glycolic acid				
64742-94-5	V	Heavy aromatic naphtha (petrol)	7	<1	43	<1
142-82-5	VT	Heptane (n-Heptane)	17	<1	10	<1
4719-04-4	V	Hexahydro-1,3,5,-tris-(2-Hydro XYL-S-Triazin)				
999-97-3	V	Hexamethyldisilazane				
822-06-0	VTH	Hexamethylene diisocyanate				
110-54-3	VTH	Hexane (n-Hexane)	124	<1	151	<1
107-41-5	VT	Hexylene glycol	2,763	1	1,686	<1
28182-81-2	V	Homopolymer of HDI				
68240-01-7	V	Hydrocarbon resin	1	<1		
64742-16-1	V	Hydrocarbon resin/petroleum resins				
64742-96-7	V	Hydrocarbon solvent	24	<1	24	<1
7647-01-0	TH	Hydrochloric acid (Hydrogen chloride)	1	<1		
64742-81-0	V	Hydrodesulfurized kerosene			2	<1
7664-39-3	TH	Hydrogen fluoride (Hydrofluoric acid)				
7722-84-1	T	Hydrogen peroxide				
7783-06-4	TH	Hydrogen sulfide				
123-31-9	VTH	Hydroquinone				
64741-96-4	V	Hydrotreated light oil, aliphatic				
64742-52-5	V	Hydrotreated light petroleum distillate				
1309-37-1	T	Iron oxide fumes, Fe2O3 as Fe				
123-92-2	VT	Isoamyl acetate	3	<1	7	<1
110-19-0	VT	Isobutyl acetate	10,543	5	10,023	5
78-83-1	VT	Isobutyl alcohol	2,013	1	1,918	<1
97-85-8	V	Isobutyl Isobutyrate			1	<1
54954-83-5	V	Isocyanate terminated polyester prepolymer				
78-59-1	VTH	Isophorone	5	<1	79	<1
4098-71-9	VT	Isophorone diisocyanate				
108-21-4	VT	Isopropyl acetate	7	<1	7	<1
57-63-0	VT	Isopropyl alcohol (Isopropanol)	15,463	8	25,686	13
3008-20-6	V	Kerosene	66	<1	77	<1

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108-83-8	VT	Diisobutyl ketone	642	< 1	660	< 1
26471-62-5	V	Diisocyanatemethyl benzene,1,3	_____	_____	_____	_____
68515-48-0	V	Diisononyl phthalate	_____	_____	_____	_____
108-18-9	VT	Diisopropylamine	_____	_____	_____	_____
627-93-0	V	Dimethyl adipate	_____	_____	_____	_____
108-01-0	V	Dimethyl ethanolamine	2,829	1	1,666	< 1
115-10-6	V	Dimethyl ether propellant	822	< 1	691	< 1
68037-59-2	V	Dimethyl methylhydrogen polysiloxane	_____	_____	_____	_____
150-68-5	V	Dimethyl P-chlorophenyl urea, 1,1-	_____	_____	_____	_____
131-11-3	VT H	Dimethyl phthalate	_____	_____	_____	_____
63148-62-9	V	Dimethyl siloxane	_____	_____	_____	_____
6864-37-5	V	Dimethyl-4,4 -Diaminodicyclo-Hexylmethnae,3, 3'	4,164	2	451	< 1
127-19-5	VT	Dimethylacetamide	85	< 1	138	< 1
68-12-2	VT H	Dimethylformamide	98	< 1	21	< 1
1119-40-0	V	Dimethyl glutarate	_____	_____	_____	_____
138-86-3	V	Dipentene	139	< 1	119	< 1
122-39-4	VT	Diphenylamine	_____	_____	_____	_____
26447-40-5	V	Diphenylmethane diisocyanate	_____	_____	_____	_____
34590-94-8	VT	Dipropylene glycol methyl ether	5	< 1	10	< 1
64742-54-7	V	Distillates (petroleum) hydrofvlid	_____	_____	_____	_____
330-54-1	VT	Diuron	_____	_____	_____	_____
106-89-8	VT H	Epichlorohydrin (1-Chloro-2,3-epoxypropane)	_____	_____	15	< 1
25068-38-6	V	Epoxy resin	_____	_____	_____	_____
25036-25-3	V	Epoxy resin (1)	_____	_____	_____	_____
37312-33-7	V	Epoxy resin(1)	_____	_____	_____	_____
64020-73-1	V	Epoxy resins	_____	_____	_____	_____
8013-07-8	V	Epoxy soy oil	_____	_____	_____	_____
141-43-5	VT	Ethanolamine (Monethanol amine)	2,102	1	2,384	1
9002-88-4	V	Ethene, homopolymer	_____	_____	_____	_____
24448-20-2	V	Ethoxylated bisphenol dimethylacrylate(1)	_____	_____	_____	_____
931-36-2	V	Ethyl 2-methyl imidazole-4-	_____	_____	_____	_____
141-78-6	VT	Ethyl acetate	5,064	3	9,393	5
64-17-5	VT	Ethyl alcohol (Ethanol)	4,429	2	5,192	3
100-41-4	VT H	Ethyl benzene	406	< 1	507	< 1
9004-57-3	V	Ethyl cellulose	_____	_____	1	< 1
7085-85-0	V	Ethyl cyanoacrylate	_____	_____	_____	_____
60-29-7	VT	Ethyl ether	_____	_____	_____	_____
78-10-4	VT	Ethyl silicate	1	< 1	2	< 1
75-04-7	VT	Ethylamine	_____	_____	_____	_____
107-15-3	VT	Ethylene diamine	22	< 1	18	< 1
107-06-2	VT H	Ethylene dichloride (1,2-Dichloroethane)	_____	_____	_____	_____
107-21-1	VT H	Ethylene glycol	_____	_____	59	< 1

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56-23-5	V T H	Carbon tetrachloride				
353-50-4	V T	Carbonyl fluoride	1	<1	1	<1
8001-79-4	V	Castor oil			2	<1
9004-36-8	V	Cellulose acetate butyrate				
68476-48-2	V	Chlorinated hydrocarbons				
63449-39-8	V	Chlorinated paraffin				
10049-04-4	T	Chlorine dioxide				
61788-76-9	V	Chloro alkanes	50	<1	454	<1
108-90-7	V T H	Chlorobenzene	4	<1	6	<1
75-45-6	T	Chlorodifluoromethane (Freon 22 propellant)	17	<1		
76-15-3	T	Chloropentafluoroethane				
68037-39-8	V	Chlorosulfonated polyethylene				
1308-38-9	V	Chromic oxide				
7440-47-3	T H	Chromium and compounds	1	<1	1	<1
1333-82-0	T H	Chromium VI				
7440-48-4	T H	Cobalt Compounds as Cobalt				
7440-50-8	T	Copper (dust, mist and fumes)	1	<1	1	<1
1319-77-3	V T H	Cresols/cresylic acid and compounds				
98-82-8	V T H	Cumene (Isopropylbenzene)	1	<1	178	<1
80-15-9	V	Cumene hydroperoxide	1	<1	1	<1
110-82-7	V T	Cyclohexane	56	<1	61	<1
108-94-1	V T	Cyclohexanone	17,237	9	19,230	10
108-91-8	V T	Cyclohexylamine				
13560-89-9	V	Cyclooctene (C18H12CL12)				
1163-19-5	V	Decabromodiphenyl oxide (DBDPE)				
123-42-2	V T	Diacetone alcohol	2	<1	30	<1
84-74-2	V T H	Dibutyl phthalate	9	<1	1	<1
77-58-7	V	Dibutyltin dilurate				
75-71-8	T	Dichlorodifluoromethane				
75-43-4	V T	Dichlorofluoromethane	2	<1	4	<1
75-09-2	T H	Dichloromethane (Methylene chloride)	261	<1	9,640	5
461-58-5	V	Dicyandiamide (cyano guanidine)				
111-42-2	V T H	Diethanolamine	135	<1	98	<1
68479-98-1	V	Diethyl toluene diamine				
100-37-8	V T	Diethylaminoethanol, 2-				
13680-35-8	V	Diethylbisaniline,0-				
4246-51-9	V	Diethylene glycol bis 3-aminopropyl ether				
111-96-6	V	Diethylene glycol dimethyl ether				
112-34-5	V H	Diethylene glycol monbutyl ether [glycol ether]	7,320	4	3,338	2
111-40-0	V T	Diethylenetriamine (DETA)	9,523	5	1,277	<1
25085-99-8	V	Diglyceride ether of bisphenol A, mixed				
101-90-6	V T	Diglycidyl resorcinol ether				

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64742-55-8	V	Aliphatic hydrocarbon, sulfurized				
6364-17-6	V	Aliphatic secondary naphalene amine (1)				
43057-68-7	V	Aliphatic secondary naphalene amine(2)				
106-92-3	VT	Allyl glycidyl ether (AGE)				
7429-90-5	T	Aluminum (alkyls and soluble salts)				
872-50-4	V	Amide, Cyclic	4,691	2	4,584	2
5329-14-6	V	Amidosulfonic acid				
919-30-2	V	Amino propyl triethoxysilane				
1760-24-3	V	Amino propyl trimethoxysilane				
140-31-8	V	Aminoethyl piperazine,N-	4	< 1	4	< 1
7664-41-7	T	Ammonia (NH3)	4,006	2	5,536	3
12125-02-9	T	Ammonium chloride fumes				
100-66-3	V	Anisole			62	< 1
7440-36-0	TH	Antimony and compounds				
1309-64-4	TH	Antimony trioxide, as Sb [antimony compound]				
26125-61-1	V	Aramid				
7440-38-2	TH	Arsenic and inorganic arsenic compounds				
8052-42-4	VT	Asphalt (petroleum) fumes				
7440-39-3	T	Barium, soluble compounds Ba	4	< 1	5	< 1
71-43-2	VT H	Benzene	273	< 1	171	< 1
32534-81-9	V	Benzene,1,1'-oxybis penabromo				
94-36-0	VT	Benzoyl peroxide				
100-51-6	V	Benzyl alcohol	8,304	4	2,601	1
100-44-7	VT H	Benzyl chloride				
7440-41-7	TH	Beryllium and compounds				
112-24-3	V	Bis 1,2-Ethanediamine,N,N'				
41556-26-7	V	Bis-(1,2,2,6,6-pentamethyl-4-piperidinyl)secacate				
117-81-7	VT H	Bis(2-ethylhexyl)phthalate (DEHP)	10	< 1	15	< 1
1675-54-3	V	Bisphenol a/polyglycidyl ether				
40039-93-8	V	Brominated glycidyl ether bisphenol a resin-1				
106-97-8	VT	Butane	2,143	1	2,461	1
2425-79-8	V	Butanediol diglycidyl ether				
85-68-7	V	Butyl Benzyl Phthalate				
142-96-1	V	Butyl ether	38	< 1	40	< 1
3101-60-8	V	Butylphenylglycidylether, p-tert				
7440-43-9	TH	Cadmium and compounds	1	< 1	1	< 1
13765-19-0	TH	Calcium chromate, anhydrous				
1305-62-0	T	Calcium hydroxide				
1305-78-8	T	Calcium oxide				
111-90-0	V	Carbitol (Diethylene glycol monoethyl ether)	1	< 1	5	< 1
1333-86-4	T	Carbon black				
CO		Carbon Monoxide	84,072	42	91,464	46

Puget Sound Clean Air Agency

1904 3rd Ave, Ste 105, Seattle, WA 98101-3317: Agata McIntyre (206) 689-4061

Point Source Emission Report

September 2, 2008

BOEING COMMERCIAL AIRPLANE GROUP - EVERETT

Facility ID #: 13120

AFS#: 053-061-00039

Section 4 - Facility Emission Summary

<u>CAS#</u>	<u>Flags</u>	<u>Air Contaminants:</u>	<u>pounds/ 2006</u>	<u>tons / 2006</u>	<u>pounds/2007</u>	<u>tons /2007</u>
71-55-6	TH	1,1,1-Trichloroethane (Methyl chloroform)			4	< 1
76-13-1	T	1,1,2-Trichloro-1,2,2-trifluoroethane	9,486	5	14,233	7
95-63-6	V	1,2,4-Trimethyl benzene	873	< 1	973	< 1
106-88-7	VTH	1,2-Epoxybutane (1,2-Butylene oxide)				
106-99-0	VTH	1,3-Butadiene				
102-06-7	V	1,3-Diphenyl guanidine				
106-46-7	VTH	1,4-Dichlorobenzene(p-Dichlorobenzene)	1	< 1	2	< 1
123-91-1	VTH	1,4-Dioxane (1,4-Diethylene oxide)				
106-94-5	V	1-bromopropane (n-propyl bromide)			37	< 1
108-03-2	VT	1-Nitropropane				
540-84-1	VTH	2,2,4-Trimethylpentane				
128-37-0	VT	2,6-Ditert.butyl-p-cresol				
124-68-5	V	2-Amino-2-methyl-1-propanol	470	< 1	458	< 1
78-93-3	VT	2-Butanone (MEK; Methyl ethyl ketone)	72,674	36	90,622	45
112-07-2	V	2-Butoxy Ethyl Acetate	304	< 1	715	< 1
111-76-2	VT	2-Butoxyethanol (Butyl cellosolve; Ethylene glycol monobutyl ether) [glycol ether]	25,509	13	18,064	9
110-80-5	VTH	2-Ethoxyethanol (Cellosolve) [glycol ether]				
111-15-9	VTH	2-Ethoxyethyl acetate [glycol ether]	15	< 1	4	< 1
104-76-7	V	2-Ethyl-1-hexanol				
75-28-5	V	2-Methyl propane (isobutane)	70	< 1	177	< 1
79-46-9	VTH	2-Nitropropane	3	< 1	5	< 1
107-87-9	VT	2-Pentanone (Methyl propyl ketone)	170,033	85	203,802	102
2807-30-9	V	2-Propoxy-ethanol	8,198	4	8,012	4
763-69-9	V	3-Ethyl ethoxypropionate	675	< 1	467	< 1
5026-74-4	V	4-(diglycidylamino) phenyl glycol				
30-05-7	V	4,4'-Isopropylidendiphenol				
101-77-9	VTH	4,4'-Methylene dianiline				
150-76-5	VT	4-Methoxyphenol			1	< 1
75-07-0	VTH	Acetaldehyde				
54-19-7	VT	Acetic Acid	7	< 1	4	< 1
57-64-1	T	Acetone	11,485	6	12,699	6
98-86-2	VTH	Acetophenone				
123-54-6	V	Acetyl acetone	1,901	< 1	2,123	1
79-10-7	VTH	Acrylic acid				
107-13-1	VTH	Acrylonitrile				
9003-18-3	V	Acrylonitrile/Butadiene copolymer				
57254-79-9	V	Aliphatic compounds				
54742-48-9	V	Aliphatic hydrocarbon solvent	17,303	9	20,281	10

- 33 regulations and will not cause any increases in allowable or actual VOC
34 emissions.
- 35 3) The Boeing Everett plant qualifies as a major source because it emits
36 more than 250 tons per year of volatile organic compounds (VOC).
37 Building 45-04 qualifies as a major modification to this source because
38 it would have the potential to increase VOC emissions more than 40 tons
39 per year. It is located in an area which is designated Class II for the
40 purposes of PSD evaluation under 40 CFR 52.21 dated July 1, 1988.
- 41 4) The site is within an area that is currently designated as attainment as
42 regards to the state and national air quality standards for ozone.
43 Ecology has recently requested this area be redesignated non-attainment
44 for ozone. Since this designation has not been declared by the
45 Environmental Protection Agency, the request does not affect Building 45-
46 04.
- 47 5) The modifications would generate up to an additional 142 tons of VOC per
48 year.
- 49 6) The emissions of VOC are subject to PSD review.
- 50 7) Best available control technology (BACT) for cleaning operations inside
51 Building 45-04 has been determined to be use of the cleaning methods
52 allowed under section 40 CFR 63.744 of Subpart GG, National Emission
53 Standards for Aerospace Manufacturing and Rework Facilities (paraphrased
54 as follows):
- 55 a) Capture, containment, and recovery of paint gun cleaning solvents,
56 b) Capture and containment of VOC emitted from spent cleaning rags,
57 and
58 c) Use of low vapor pressure solvents (less than or equal to 45
59 millimeters of mercury vapor pressure at 20 degrees Celsius) for
60 hand wipe cleaning operations.

- 61 8) Best available control technology (BACT) for application of coatings
62 inside Building 45-04 has been determined to be use of the high transfer
63 efficiency (HTE) coating methods allowed under section 40 CFR 63.745(f)
64 of Subpart. GG, National Emission Standards for Aerospace Manufacturing
65 and Rework Facilities (paraphrased as follows):
- 66 a) Flow/curtain coat application;
 - 67 b) Dip coat application;
 - 68 c) Roll coating;
 - 69 d) Brush coating;
 - 70 e) Cotton-tipped swab application;
 - 71 f) Electrodeposition (dip) coating;
 - 72 g) High volume low pressure (HVLP) spraying;
 - 73 h) Electrostatic spray application; or
 - 74 i) Other coating methods that achieve emission reductions equivalent
75 to HVLP or electrostatic spray application methods, as determined
76 according to the requirements in § 63.750(i).
- 77 9) All operations in Building 45-04 will comply with applicable Regulations
78 of the Puget Sound Clean Air Agency.
- 79 10) The project will have no significant impact on ambient air quality.
- 80 11) The project is anticipated to have no noticeable affect on industrial,
81 commercial, or residential growth in the Seattle area.
- 82 12) Visibility will not be impaired in any Class I area due to the proposed
83 emissions.
- 84 13) Ambient pollutant concentrations in any Class I area are not predicted
85 to change due to the project with the approval conditions.
- 86 14) Ecology finds that all requirements for PSD have been satisfied
87 (conditions 5, 7 and 9 were satisfied during the original permitting

88 process, and do not need to be repeated to satisfy requirements for this
89 PSD Amendment). Approval of the PSD application is granted subject to
90 the following conditions:

91 APPROVAL CONDITIONS

- 92 1) Emissions of VOC from Building 45-04 shall not exceed 142 tons per year.
- 93 2) Boeing Commercial Airplane Group will, upon request, report the
94 quantities and VOC content of the cleaning solutions and paints and the
95 VOC emissions annually to the Department of Ecology and the Puget Sound
96 Clean Air Agency.
- 97 3) Methods used for aerospace cleaning operations shall be limited to those
98 methods allowed under section 40 CFR 63.744 of Subpart GG, National
99 Emission Standards for Aerospace Manufacturing and Rework Facilities.
100 Exemptions listed in 40 CFR 63.744(e) shall apply.
- 101 4) Methods used for application of aerospace coatings shall be limited to
102 high transfer efficiency (HTE) methods listed in section 40 CFR
103 63.745(f) of Subpart GG, National Emission Standards for Aerospace
104 Manufacturing and Rework Facilities. Exemptions listed in 40 CFR
105 63.745(f)(3) shall apply.
- 106 5) Boeing Commercial Airplane Group shall obtain offsetting reductions of
107 VOC by reducing actual emissions from existing sources in the Puget Sound
108 area by 156 tons per year. The offsets shall produce a net air quality
109 benefit. Within 180 days of the date of this approval, Boeing Commercial
110 Airplane Group shall submit to Ecology procedures for insuring reductions
111 are obtained and maintained. All reductions shall be accomplished within
112 180 days of startup.
- 113 6) All operations in Building 45-04 shall comply with Regulation II of the
114 Puget Sound Clean Air Agency.

- 115 7) This approval shall become void if construction of Building 45-04 is not
 116 commenced within eighteen (18) months after receipt of final approval,
 117 or if construction or operation of Building 45-04 is discontinued for a
 118 period of eighteen (18) months.
- 119 8) Any activity undertaken by Boeing Commercial Airplane Group or others,
 120 in a manner inconsistent with the application and this determination,
 121 shall be subject to Ecology enforcement under applicable regulations.
 122 Nothing in this determination shall be construed so as to relieve Boeing
 123 Commercial Airplane Group of its obligations under any state, local, or
 124 federal laws or regulations.
- 125 9) Boeing Commercial Airplane Group shall notify Ecology and Puget Sound
 126 Clean Air Agency in writing within thirty days of the beginning of
 127 painting and cleaning operations.
- 128 10) Access to Building 45-04 by the U.S. Environmental Protection Agency
 129 (EPA), department, state or local regulatory personnel shall be permitted
 130 upon request for the purpose of compliance assurance inspections.
 131 Failure to allow access is grounds for revocation of this determination
 132 of approval.

133 Reviewed by:

134 _____
 135 Alan T. Butler, P.E. _____ Date
 136 Air Quality Program
 137 Washington Department of Ecology

139 Approved by:

140 _____
 141 Mary E. Burg _____ Date
 142 Manager, Air Quality Program
 143 Washington Department of Ecology
 144



- 43 and 40-34 at Boeing-Everett to clean, seal, and paint Model 777 airplane components.
44 The four areas were the Wing Panel, Wing Spar, Wing Majors, and Wing Body Join tool
45 positions.
- 46 a. The tool position that was to be the wing stub oven in 40-26 was never built because
47 Boeing determined that the capacity of the wing stub oven in the 40-25 was sufficient
48 to provide capacity for all 777 production.
- 49 b. Except for the Wing Majors tool positions, emissions were vented by in-line exhaust
50 systems. The term "in-line exhaust systems" was meant to be equivalent to "dedicated
51 exhaust systems."
- 52 c. Ecology issued PSD No. 91-06 in January 1992.
- 53 d. On November 5, 1999, Boeing requested changes in approval conditions of PSD No.
54 91-06. The requested changes specified cleaning solvent by evaporation
55 characteristics rather than by chemical name, allowing increased operational
56 flexibility while maintaining BACT with no increase in allowable emissions.
- 57 e. Ecology granted the final approval of PSD 91-06 Amendment 1 on November 20,
58 2000.
- 59 4. On November 15, 2004, Boeing submitted an application requesting administrative
60 consolidation of PSD 91-03, PSD 91-05 Amendment 2, and PSD 91-06 Amendment 1
61 into PSD 91-06 Amendment 2 and several minor approval condition revisions. On March
62 9, 2005, Boeing modified this request to a minor permit amendment to allow revision of
63 several approval conditions that will require public review.
- 64 a. Consolidation of these permits will allow Boeing to reorganize subject activities in
65 the assembly operation of the Model 777. The separately designated work areas,
66 Buildings 40-04, 40-25, 40-26, 40-34, and 40-37 are actually work stations housed in
67 Boeing-Everett. Reorganization of the assembly line to accommodate modernized
68 production techniques ("Lean Manufacturing") for Model 777 requires relocating and
69 consolidating some of these work stations within the Everett facility. This permit
70 allows the relocation and consolidation of the 777 work stations/tool positions
71 anywhere within the Boeing-Everett facility as long as emissions from spray coating
72 at the Wing Spar, Wing Panel, and Wing Body Join tool positions are vented through
73 dedicated exhaust systems.
- 74 b. As part of the relocating and consolidating of equipment, Boeing will replace limited
75 existing equipment and will modify limited existing processes and equipment.
76 Boeing has demonstrated that the combined VOC emissions increases from these
77 changes are less than the significance threshold of 40 tpy, and that therefore these
78 changes do not trigger PSD review as a major modification.
- 79 c. Boeing requested that certain assembly processes dedicated to Model 777 production
80 that were not included in any of the three PSD permits be included in the single,
81 consolidated PSD permit. Examples of these processes include, but are not limited to
82 systems installation, empennage and body section assembly. These processes have
83 minor levels of emissions from activities such as solvent wipe cleaning, sealing, and

- 84 touch-up coating. Emissions from these processes are estimated to be less than 5 tpy
85 of VOC and do not cause the facility to exceed the VOC emissions cumulatively
86 allowed under PSD 91-03, PSD 91-05, and PSD 91-06.
- 87 d. Boeing requested deletion of defunct/satisfied approval conditions or approval
88 conditions that duplicate existing, federally enforceable Puget Sound Clean Air
89 Agency regulations:
- 90 (1) PSD 91-03, Approval Condition 7 limited Boeing to pressure testing no more than
91 two wings in any continuous 24-hour period. Since Boeing will use only non-
92 pollutant gas (air, nitrogen, inert gas, or carbon dioxide) for 777 models in the
93 future, this restriction is no longer necessary. Approval Condition 2 in this
94 amendment limits Boeing to using only non-pollutant gasses in wing pressure
95 testing, but does not limit the number of wing pressure tests that may be
96 performed in any time period.
- 97 (2) PSD 91-03, Approval Condition 8, PSD 91-05 Amendment 2, Approval
98 Condition 5, and PSD 91-06 Amendment 1, Approval Condition 8 required
99 Boeing to obtain and maintain VOC offset reduction totaling 263 tons per year
100 (TPY). In the December 4, 1992 Ecology letter from Joseph R. Williams
101 (Ecology Air Quality Program Manager) to Kirk J. Thomson (Boeing Director of
102 Environmental Affairs), Ecology agreed that 140 TPY of the VOC offset
103 requirement had been permanently satisfied. In the February 6, 1995 letter from
104 David Kircher (Puget Sound Clean Air Agency Engineering Manager) to Kirk J.
105 Thomson, Puget Sound Clean Air Agency acknowledged Boeing's satisfaction of
106 the remaining VOC offset requirement in the form of emission reduction credits.
107 Consequently, the relevant approval conditions have been permanently satisfied,
108 and are deleted from this amendment.
- 109 (3) PSD 91-03, Approval Condition 9 and PSD 91-05 Amendment 2 and Approval
110 Condition 7 require that the operations relevant to those permits comply with
111 Regulation II of the Puget Sound Clean Air Agency. Regulation II prescribes the
112 maximum VOC content allowed in coatings used in any aerospace equipment
113 manufacturing in Puget Sound Clean Air Agency's jurisdiction. The regulation is
114 fully federally enforceable. Its inclusion as an approval condition in a PSD permit
115 is redundant, and adds nothing to the stringency or enforceability of the
116 requirement. It is deleted in this amendment.
- 117 (4) PSD 91-03, Approval Condition 10, PSD 91-05 Amendment 2, Approval
118 Condition 8, and PSD 91-06 Amendment 1, Approval Condition 11 required that
119 construction of the respective operations be commenced within eighteen (18)
120 months of issuance of the permit. The facilities are already constructed. This
121 amendment consolidates the existing permits. Consequently, those approval
122 conditions are satisfied, and are deleted from this amendment.
- 123 5. Boeing-Everett qualifies as a major source because it emits more than 250 tons per year
124 of VOC.
- 125 6. Boeing Everett is located in an area which is designated Class II for the purposes of PSD

- 126 evaluation under 40 CFR 52.21 dated July 1, 1990.
- 127 7. Boeing-Everett is within an area which is currently designated as attainment relative to
128 the state and national air quality standards for ozone. The area has gone out of, then been
129 brought back into, attainment with national ambient air quality standards for ozone since
130 the original PSD permits were issued.
- 131 8. This PSD amendment allows no increase in VOC emissions from Boeing-Everett relative
132 to PSDs 91-03, 91-05 Amendment 2, and 91-06 Amendment 1.
- 133 9. The VOC emissions from the site are subject to PSD review.
- 134 10. Best available control technology (BACT):
- 135 a. Cleaning and surface coating:
- 136 (1) Surface coating efficiency of not less than 60 percent except for application of
137 corrosion inhibitor compound, touch-up and repair operations, stenciling,
138 lettering, and identification marking using an airbrush, and use of hand-held
139 aerosol cans,
- 140 (2) Capture, containment and recovery of paint gun cleaning solvents,
- 141 (3) Capture and containment of VOCs emitted from spent cleaning rags, and
- 142 (4) Low pressure application of bulk solvent except for cleaning intricate surfaces or
143 those inaccessible to low pressure application.
- 144 b. CIC coating process:
- 145 (1) High-volume-low-pressure (HVLP), air-assisted airless, and airless spray gun
146 surface coating and near surface spraying techniques, or other
147 equipment/technique combinations with equivalent or better transfer efficiencies.
148 CIC Emission factors:
- 149 (a) "Advanced" CIC, which generally has the greatest film thickness of these
150 CIC's and is typically used in areas of the airplane most prone to corrosion,
151 must have a maximum calculated VOC emission factor no greater than .023
152 kilogram per meter squared (kg/m^2).
- 153 (b) "Heavy Duty" CIC, which is typically used for areas that are prone to
154 moisture accumulation, must have a maximum calculated VOC emission
155 factor no greater than $.016 \text{ kg}/\text{m}^2$.
- 156 (c) CIC other than those listed above must have a maximum calculated VOC
157 emission factor no greater than $.012 \text{ kg}/\text{m}^2$.
- 158 (d) CIC applied by hand held spray cans shall meet the above emission factors
159 and propellant shall not be included in calculating the emission factor.
- 160 (2) Capture, containment and recovery of CIC surface coating equipment cleaning
161 solvents.
- 162 c. Wing Panel, Wing Spar, Wing Majors, and Wing Body Join:

- 163 (1) High volume low pressure (HVLP) surface coating or other application
164 equipment/technique combinations with 60% or better transfer efficiency.
- 165 (2) Substitution of low vapor pressure, aqueous-based, or water-soluble cleaning for
166 methyl ethyl ketone.
- 167 (3) This amendment allows use of higher vapor pressure solvents for the de minimis-
168 use activities of research and development, quality control, laboratory testing, and
169 cleaning and surface activation by hand wiping prior to adhesive bonding. These
170 are exempted from the requirements under 40 CFR 63 Subpart GG, "National
171 Emission Standards for Aerospace manufacturing and Rework Facilities."
- 172 (4) Capture, containment, and recovery of solvents used in cleaning of surface
173 coating equipment.
- 174 (5) Control and containment of VOC from waste cleaning rags.
- 175 d. Touch-up and repair coating, stenciling, lettering, and applying other identification
176 marking, and coating surfaces that are peculiarly difficult to access: Good operating
177 practice performed by properly trained personnel.
- 178 e. Spray gun cleaning: Procedures specified in 40 CFR 63 Subpart GG, National
179 Emissions Standards for Hazardous Air Pollutants for Aerospace Manufacturing and
180 Rework Facilities.
- 181 f. Hand wiping inside fuel cells: Limiting solvents to those having a VOC composite
182 vapor pressure no greater than 72 mm Hg at 20 °C.
- 183 g. Cleaning and surface activation prior to adhesive bonding, and cleaning solvent usage
184 associated with research, development, quality control, and laboratory testing: Good
185 operating practice performed by properly trained personnel.
- 186 11. The project will have no significant impact on ambient air quality.
- 187 12. The project is anticipated to have no noticeable effect on industrial, commercial, or
188 residential growth in the Everett area.
- 189 13. Visibility will not be impaired in any Class I area due to the proposed emissions.
- 190 14. Ambient pollutant concentrations in any Class I area are not predicted to change due to
191 the project with the approval conditions.
- 192 15. PSD 91-06 Amendment 2 will supercede all prior versions of PSD 91-06 immediately
193 upon its final and effective approval.
- 194 16. PSD 91-03 and PSD 91-05 (including all amended versions) will be rescinded
195 immediately on final and effective approval of PSD 91-06 Amendment 2.
- 196 17. Ecology finds that all requirements for amending PSD 91-06 have been satisfied.
197 Ecology grants approval of Boeing's request for a second amendment to PSD 91-06
198 subject to the following approval conditions and upon rescission of PSD 91-03 and PSD
199 91-05 (including all amended versions):

200 **APPROVAL CONDITIONS**

201 1. Boeing-Everett's requirements in the following approval conditions to notify or report
202 to or acquire approval or agreement from "Ecology and the Puget Sound Clean Air
203 Agency" may be satisfied by providing such notification, reporting, or approval request
204 to the Puget Sound Clean Air Agency if the approval conditions of this PSD permit
205 have been incorporated in Boeing-Everett's Title V permit (40 CFR Part 70).
206 Notifications, reports and approval requests provided to the Puget Sound Clean Air
207 Agency before the issuance of this second amendment to PSD 91-06 need not be
208 provided to Ecology; and approvals previously granted by the Puget Sound Clean Air
209 Agency are not subject to further review or approval by Ecology.

210 **Emission Limits**

211 2. Only air, nitrogen, inert gas, or carbon dioxide may be used to pressure test Model 777
212 wings.

213 3. VOC emissions from Model 777 assembly operations described in Findings 1 through
214 4, above, at Boeing-Everett:

215 3.1 Shall not exceed 238.8 tons per year.

216 3.2 As used in this permit, VOCs are defined in 40 CFR 51.100(s).

217 4. Corrosion-inhibiting compound (CIC) coatings used at the Final Body Join and Final
218 Assembly tool positions must meet the following VOC emission factors. For CIC
219 coatings applied with hand held aerosol spray cans, the propellant shall not be included
220 in calculating the coating VOC emission factor of the coating. "Advanced" and "Heavy
221 Duty" CIC shall be consistent with the description in Finding 10b, above.

222 4.1 "Advanced" CIC: Maximum calculated VOC emission factor no greater than .023
223 kilogram VOC per meter squared of coated surface (kg VOC/m²).

224 4.2 "Heavy Duty" CIC: Maximum calculated VOC emission factor no greater than
225 .016 kg VOC/m² of coated surface.

226 4.3 CIC other than those listed above: Maximum calculated VOC emission factor no
227 greater than .012 kg VOC/m² of coated surface.

228 5. Surface coating equipment will have a transfer efficiency of 60 percent or greater with
229 the following exceptions:

230 5.1 Application of corrosion inhibiting compound (CIC) at the Final Body Join and
231 Final Assembly tools positions as provided in Approval Condition 6.

232 5.2 In the lower lobe of the aircraft body sections.

233 5.3 In aircraft sections that Ecology and PSCAA agree are too difficult to reach with a
234 spray gun.

235 5.4 Touch-up and repair operations meeting the following definition: That portion of
236 the coating operation that is the incidental application of coating used to cover
237 minor imperfections in the coating finish or to achieve complete coverage. This
238 definition includes out-of-sequence or out-of-cycle coating.

- 239 5.5 Stenciling, lettering, and identification marking using an airbrush.
- 240 5.6 Hand-held aerosol cans.
- 241 6. When spray-applying CICs at the Final Body Join and Final Assembly tool positions,
242 Boeing shall use air-assisted airless and airless spray gun painting systems and near-
243 surface spraying techniques or other equipment/technique combinations with equivalent
244 or better transfer efficiencies.
- 245 7. Spray guns and hoses will be cleaned by one or more of the following, or equivalent
246 methods that are approved by Ecology and the Puget Sound Clean Air Agency:
- 247 7.1 Enclosed system:
- 248 7.1.1 Clean the spray gun in an enclosed system that is closed at all times except
249 when inserting or removing the spray gun.
- 250 7.1.2 Cleaning shall consist of forcing solvent through the gun.
- 251 7.2 Nonatomized cleaning:
- 252 7.2.1 Clean the spray gun by placing cleaning solvent in the pressure pot and
253 forcing it through the gun with the atomizing cap in place.
- 254 7.2.2 No atomizing air is to be used.
- 255 7.2.3 Direct the cleaning solvent from the spray gun into a vat, drum, or other
256 waste container that is closed when not in use.
- 257 7.3 Disassembled spray gun cleaning:
- 258 7.3.1 Disassemble the spray gun and clean the components by hand in a vat,
259 which shall remain closed at all times except when in use.
- 260 7.3.2 Alternatively, soak the components in a vat, which shall remain closed
261 during the soaking period and when not inserting or removing
262 components.
- 263 7.4 Atomized cleaning:
- 264 7.4.1 Clean the spray gun by forcing the cleaning solvent through the gun.
- 265 7.4.2 Direct the resulting atomized spray into a waste container that is fitted
266 with a device designed to capture the atomized cleaning solvent emissions.
- 267 7.5 Nozzle tips on automated and robotic systems shall be programmed to spray into
268 a closed, container where that is an element of their designed capability.
- 269 7.6 Spray gun cleaning operations exempted from the requirements in Approval
270 Conditions 7.1 through 7.5:
- 271 7.6.1 Cleaning of the nozzle tips of automated spray equipment systems that do
272 not have the design capability described in Approval Condition 7.5 are
273 exempt from the requirements in Approval Conditions 7.1 through 7.5.
- 274 7.6.2 Cleaning solvents having low concentrations of VOCs and hazardous air

- 275 pollutants (HAPs):
- 276 7.6.2.1 The VOC concentrations must be less than 1.0 percent by weight
- 277 7.6.2.2 HAPs are those chemicals listed in 42 USC 7412(b)(1) and
- 278 incorporating subsequent revisions made in accordance with 42
- 279 USC 7412(b)(2).
- 280 7.6.2.3 The HAP concentration must be less than
- 281 7.6.2.3.1 .1 percent by weight for carcinogens and
- 282 7.6.2.3.2 1.0 percent by weight for noncarcinogens.
- 283 8. Waste solvent cleaning rags will be deposited in containers which contain and capture
- 284 VOCs and are approved by Ecology and the Puget Sound Clean Air Agency.
- 285 9. Bulk application of solvent will be by low pressure hose except for
- 286 9.1 Cleaning intricate surfaces, or
- 287 9.2 Where access is limited to the extent that using a low pressure hose is infeasible.
- 288 10. Cleaning operations at the Wing Panel and the Wing Spar tool positions shall be
- 289 conducted by either:
- 290 10.1 Flush cleaning using a semi-aqueous solution containing a minimum of 60
- 291 percent by weight water and having a VOC composite vapor pressure no greater
- 292 than 5 millimeters of mercury (mm Hg) at 20 degrees Celsius (°C), or
- 293 10.2 Hand wiping:
- 294 10.2.1 Shall use a solvent with a volatile organic compound (VOC) composite
- 295 vapor pressure no greater than 45 mm Hg at 20 °C.
- 296 10.2.2 Cleaning and surface activation by hand wiping prior to adhesive bonding
- 297 or cleaning solvent usage associated with research and development,
- 298 quality control, and laboratory testing is exempt from Approval Condition
- 299 10.2.1.
- 300 11. Solvent used for hand wiping at the Wing Majors, Wing Body Join, and mid-section
- 301 seal and paint tool positions:
- 302 11.1 Other than as specified in Approval Conditions 11.2 and 11.3, shall have a VOC
- 303 composite vapor pressure no greater than 45 mm Hg at 20 °C.
- 304 11.2 Solvent used for hand wiping inside fuel tanks and fuel cells shall have a VOC
- 305 composite vapor pressure no greater than 72 mm Hg at 20 °C.
- 306 11.3 The following are exempted from Approval Conditions 11.1 and 11.2:
- 307 11.3.1 Cleaning and surface activation prior to adhesive bonding.
- 308 11.3.2 Cleaning solvent usage associated with research, development, quality
- 309 control, and laboratory testing.

310 12. The emission exhaust systems serving the clean, seal and paint processes at the Wing
311 Panel, Wing Spar, Wing Body Join, and mid-section seal and paint tool positions shall
312 be equipped with a filtering system to achieve 98.9 or greater percent chromium VI
313 removal.

314 **Compliance Monitoring**

315 13. Boeing-Everett shall monitor compliance with Approval Conditions 2, 5, 6, 7, 8, 9, 10,
316 and 11 by

317 13.1 Conducting inspections of the work practice activities of the Model 777 assembly
318 area at least once per calendar quarter.

319 13.2 Work practices shall be randomly sampled during each inspection, and observed
320 for consistency with permit requirements.

321 14. Boeing-Everett shall calculate VOC vapor pressure for monitoring compliance with
322 Approval Conditions 10 and 11 according to the equation in section 40 CFR 63.750(b)
323 of Subpart GG, National Emission Standards for Aerospace Manufacturing and Rework
324 Facilities.

325 15. Boeing-Everett shall monitor compliance with Approval Condition 3 by annually
326 updating and maintaining on-site:

327 15.1 A list of all primers, topcoats, temporary protective coatings, CIC coatings, and
328 cleaning solutions used in Model 777 assembly within the immediately past
329 twenty-four months.

330 15.2 The corresponding Material Safety Data (MSD) Sheets or other manufacturer-
331 supplied data on VOC content.

332 16. Boeing-Everett shall monitor compliance with Approval Condition 4 from the data
333 maintained pursuant to Approval Condition 15.

334 17. Boeing-Everett shall monitor compliance with Approval Condition 12 by

335 17.1 Maintaining documentation that all chromium VI filter systems have been pre-
336 certified using Method 319 (Determination of Filtration Efficiency for Paint
337 Overspray Arrestors, 40 CFR Part 63 Appendix A), and

338 17.2 Conducting inspections of the chromium VI filtering system at least once per
339 calendar quarter.

340 17.2.1 Said inspections shall include checking the primary dry filter systems,
341 where visible, for proper seating and complete coverage over the exhaust
342 plenum.

343 17.2.2 If a multi-stage filtration system is used to meet the required efficiencies,
344 the primary filter is the visible filter that is part of the multi-stage system
345 used to meet the required efficiency.

346 **Recordkeeping, Notification and Reporting**

347 18. Boeing-Everett shall keep the following records:

- 348 18.1 With respect to compliance inspection requirements described in Approval
349 Conditions 13 and 17.2, these shall include as a minimum:
- 350 18.1.1 Date of the inspection.
- 351 18.1.2 Emission unit(s) inspected.
- 352 18.1.3 Who performed the inspection.
- 353 18.1.4 All observations made that are germane to compliance with Approval
354 Conditions 2, 5, 6, 7, 8, 9, 10, and 11.
- 355 18.2 With respect to Approval Condition 14, the related calculations made to
356 demonstrate compliance each time a solvent composition is changed pursuant to
357 use in the operations described in Approval Conditions 10 or 11.
- 358 18.3 With respect to Approval Condition 16, these shall include as a minimum:
- 359 18.3.1 CIC coating density.
- 360 18.3.2 Theoretical coverage.
- 361 18.3.3 Derivative calculations.
- 362 18.4 Records shall be retained for not less than five years after their origination.
- 363 18.5 At a minimum, the most recent two years of data shall be retained on site. The
364 remaining three years of data may be retained off site.
- 365 18.6 Records shall be available to Ecology and the Puget Sound Clean Air Agency
366 within ten days of request.
- 367 19. Boeing-Everett shall report the types, quantities and VOC content of the CICs, cleaning
368 solutions, and paints and the VOC emissions annually to Ecology and the Puget Sound
369 Clean Air Agency.
- 370 20. Prior to incorporation of the approval conditions of this PSD permit into Boeing-
371 Everett's Title V permit (40 CFR Part 70), each occurrence of VOC emissions measured
372 in excess of the limit specified in Approval Condition 3 and each observed failure to
373 comply with Approval Conditions 2, 4, 5, 6, 7, 8, 9, 10, 11, or 12:
- 374 20.1 Shall be reported in writing to Ecology or the Puget Sound Clean Air Agency in
375 accordance with WAC 173-400-107(3).
- 376 20.2 As used in WAC 173-400-107(3), "as soon as possible" shall mean in no case
377 later than twelve hours after the deviation is discovered.
- 378 20.3 Such reports shall include:
- 379 20.3.1 As a minimum:
- 380 20.3.1.1 The time of the occurrence.
- 381 20.3.1.2 Magnitude of excess from the emission limit.
- 382 20.3.1.3 The duration of the excess.

- 383 20.3.1.4 Any agency contacted.
- 384 20.3.2 Upon request by Ecology or the Puget Sound Clean Air Agency:
- 385 20.3.2.1 The probable cause.
- 386 20.3.2.2 Corrective actions taken or planned.
- 387 21. After incorporation of the approval conditions of this PSD permit into Boeing-Everett's
388 Title V permit (40 CFR Part 70), each occurrence of VOC emissions measured in
389 excess of the limit specified in Approval Condition 3 and each observed failure to
390 comply with Approval Conditions 2, 4, 5, 6, 7, 8, 9, 10, 11, or 12 shall be reported in
391 writing to Ecology or the Puget Sound Clean Air Agency as required by that Title V
392 permit in accordance with WAC 173-401-615(3)(b).

393 **Standard Requirements**

- 394 22. Nothing in this determination shall be construed so as to relieve the company of its
395 obligations under any state, local, or federal laws or regulations.
- 396 23. Access to Boeing-Everett Model 777 assembly by the U.S. Environmental Protection
397 Agency (EPA), Ecology, and state or local regulatory personnel shall be permitted upon
398 request for the purpose of compliance assurance inspections. Failure to allow access is
399 grounds for revocation of this determination of approval.
- 400 24. The effective date of this permit shall not be earlier than the date upon which the
401 USEPA notifies Ecology that the USEPA has satisfied its obligations, if any, under
402 Section 7 of the Endangered Species Act 16 U.S.C. § 1531 et seq., 50 C.F.R. part 402,
403 subpart B (Consultation Procedures) and Section 305(b)(2) of the Magnuson-Stevens
404 Fishery and Conservation Act 16 U.S.C. § 1801 et seq., 50 C.F.R. part 600, subpart K
405 (EFH Coordination, Consultation, and Recommendations).
- 406 25. For federal regulatory purposes and in accordance with 40 CFR 124.15 and 124.19: If
407 there was a public comment requesting a change in the preliminary determination or a
408 proposed approval condition during the public review and comment period, the
409 effective date of this permit shall not be earlier than 30 days after service of notice to
410 the commenters and applicant on the final determination.
- 411 25.1 If a review of the final determination is requested under 40 CFR 124.19 within the
412 30-day period following the date of the final determination, the effective date of
413 the permit is suspended until such time as the review and any subsequent appeal
414 against the permit are resolved.
- 415 25.2 If there was no public comment requesting a change in the preliminary
416 determination or a proposed approval condition during the public review and
417 comment period, this permit is effective upon the date of finalization subject to
418 consideration of Approval Condition 24 (EPA's ESA requirement), above.

419 Reviewed by:

420
421

422 Technical Service Section
423 Air Quality Program
424 Washington State Department of Ecology
425

426 Approved by:

427
428

429 _____
430 Manager, Air Quality Program
431 Washington State Department of Ecology

Date

432 Ecology was notified by the USEPA that the USEPA has satisfied its obligations under the
433 Endangered Species and Magnuson-Stevens Acts relative to PSD Permit 03-03 issued to
434 Cardinal FG Company, Winlock, WA on:

435
436
437

438 April 8, 2005

439 Date of USEPA notification

Stuart A. Clark, Program Manager
Air Quality Program
Washington State Department of Ecology

440
441
442

**WASHINGTON STATE DEPARTMENT OF ECOLOGY
P.O. BOX 47600
OLYMPIA, WASHINGTON 98504**

IN THE MATTER OF:		
		NO. PSD-05-02
Boeing Commercial Airplane Group		
Everett Facility		FINAL APPROVAL OF
3003 West Casino Road		PREVENTION OF SIGNIFICANT
Everett, WA 98203		DETERIORATION

Pursuant to the federal Prevention of Significant Deterioration (PSD) regulations, 40 Code of Federal Regulations (CFR) 52.21, and the Washington State Department of Ecology (Ecology) general regulations for air pollution sources, Chapter 173-400 Washington Administrative Code (WAC), Ecology now finds the following:

FINDINGS

1. The Boeing Commercial Airplane Group (Boeing) has applied to make changes at its Everett facility to accommodate production of a new model airplane (787) in Everett, Washington.
2. A PSD application was submitted on March 30, 2005. Supplemental information was received on April 12, 2005, May 3, 2005, May 25, 2005, June 7, 2005, and August 4, 2005. Ecology determined the application to be complete on June 27, 2005.
3. Boeing's Everett Facility (Boeing Everett) is located in the City of Everett in Snohomish County, Washington. The Everett facility is situated in the south half of Section 10, and the north half of Section 15, Township 28N, Range 4E, Willamette Meridian.
4. The facility is located in a Class II Area that is designated as "attainment or unclassified" for the purpose of PSD permitting for all pollutants. The distances to the nearest Class I Areas are shown in the following table:

Class I Area	Distance in (km) and Direction
Glacier Peak Wilderness Area	70 km East
Alpine Lakes Wilderness Area	60 km Southeast
North Cascades National Park	108 km Northeast
Olympic National Park	91 km West
Mount Rainier National Park	123 km Southeast
Goat Rocks Wilderness Area	205 km Southeast
Mount Baker Recreation Area	93 km North

5. The proposed project consists of assembling new Model 787 airplanes. There are three separate production operations: In Interiors Manufacturing, stow bins, crew rests,

partitions/class dividers, closets, and other miscellaneous items will be fabricated and coated. In Final Assembly, the operations include, but are not limited to, joining the body sections into a complete fuselage, attaching the wings, vertical fin and horizontal stabilizers, installing the engines, wing-to-body fairings, landing gear, doors, auxiliary power system, and interiors, and performing functional testing. Once the final assembly has been completed, the airplane will be moved to a paint hangar on site for Final Exterior Coating (if necessary). This permit limits VOC emissions from each of the three production operations individually. This permit allows for the location or relocation of 787 operations anywhere within the Boeing Everett facility as long as all of this permit's approval conditions are satisfied.

6. The Boeing facility qualifies as a major source because it emits more than 250 tons per year of volatile organic compounds (VOC).
7. Boeing estimates that this project will result in an increase of approximately 287 tons per year of VOC. Since the Significant Emission Rate (SER) for VOC is 40 tons per year, the project is subject for PSD review for emissions of VOC. Boeing elected not to calculate and submit contemporaneous emissions changes.
8. VOC emissions expected from Model 787 assembly and allowed from the indicated airplane manufacturing operations at Boeing- Everett under this permit are shown in the table below:

Operations/Location	Proposed 787 Project Emissions (tons per year)	Allowed Emissions (tons per year)
Paint Hangar Final Exterior Coating	177	412
787 Final Assembly	49	49
Interiors Manufacturing	61	205
Total	287	666

9. Emission increases of regulated pollutants that are not subject to PSD permitting are considered by Puget Sound Clean Air Agency under their new source review rules.
10. A Best Available Control Technology (BACT) review was not required because Ecology determined that there was no physical change, or change in the method of operation, that causes, or results, in an emissions increase. Model 787 assembly will be accomplished by increased utilization of existing emission units.
11. Boeing is subject to the National Emission Standards for Hazardous Air Pollutants: 40 CFR 63 Subparts GG and WWWW.
12. A PSD increment consumption analysis was not required because the 787 program would not cause a significant net emission increase in emissions of any pollutant for which there is a PSD increment.

13. Proposed emissions will not significantly cause or contribute to an exceedance of any National Ambient Air Quality Standards (NAAQS) as shown in the following table:

Pollutant	Averaging Period	NAAQS	Maximum Increase in Concentration due to the 787 Project	Significant Contribution to an Exceedance of NAAQS? (Y or N)
Ozone	1-hour	0.12 (ppm)	0.000120 (ppm)	N
	8-hour	0.080 (ppm)	0.000120 (ppm) ¹	N

14. The project is not expected to contribute significantly to visibility impairment, deposition loadings, or cause harm to any air quality related value at any Class I area.

15. The project will not have a noticeable effect on industrial, commercial, or residential growth in the Everett area.

16. Based upon the Technical Support Document prepared on August 22, 2005 and the application, Ecology finds that all requirements for PSD have been satisfied and the project will comply with all applicable federal NSPS. Approval of the PSD application is granted subject to the following conditions:

APPROVAL CONDITIONS

1. Boeing-Everett's requirements in the following approval conditions to notify or report to or acquire approval or agreement from "Ecology and the Puget Sound Clean Air Agency" may be satisfied by providing such notification, reporting, or approval request to the Puget Sound Clean Air Agency if the approval conditions of this PSD permit have been incorporated in Boeing-Everett's Title V permit (Chapter 173 401 WAC).

Emission Limits

2. Paint Hangar Final Exterior Coating:

2.1. Paint hangar final exterior coating includes the following processes as applied to airplane exterior surfaces that occur in the paint hangars: surfaces preparation, including temporary protective coating removal, manual or chemical abrading, chemical conversion coating, cleaning and reactivation of existing coatings; coating application including the application of primers, intermediate coats, tie-coats, top-coats, and other aerospace coatings; de-painting and processes normally associated with aircraft cleaning and coating.

2.2. Boeing-Everett may include additional processes related to airplane exterior coating to those listed in Condition 2.1 under Paint Hangar Final Exterior Coating with prior written approval from Ecology and Puget Sound Clean Air Agency.

2.3. VOC emissions from Paint Hangar Final Exterior Coating shall not exceed 412 tons in any 12 consecutive months.

¹ It is likely that the 8-hour ozone concentration is actually lower than reported.

3. 787 Final Assembly:

- 3.1. 787 Final Assembly consists of all 787 manufacturing operations that occur in the 787 Final Assembly area. These operations include joining the airplane body sections into a complete fuselage; integration of flight control surfaces and raked tip to wings; joining the wings, vertical fin, and horizontal stabilizers to the fuselage; hanging the engines; installing the wing-to-body fairings, landing gear, doors, auxiliary power system, other aircraft systems (e.g., electrical, hydraulic, fuel), and interiors; part assemble; rework; testing; and processes normally associated with aircraft Final Assembly.
- 3.2. Boeing-Everett may include additional processes related to 787 manufacturing operations similar to those listed in Condition 3.1 under Final Assembly with prior written approval from Ecology and Puget Sound Clean Air Agency.
- 3.3. VOC emissions from 787 Final Assembly shall not exceed 49 tons in any 12 consecutive months.

4. Interiors Manufacturing:

- 4.1. Interiors Manufacturing includes all operations associated with manufacturing stow bins, crew rests, partitions/class dividers, closets, ceilings and sidewall panels, doors and door way liners, and other airplane interior components, and processes normally associated with aircraft Interiors Manufacturing.
- 4.2. Boeing-Everett may include additional processes related to the manufacture and assembly of components similar to those listed in Condition 4.1 under Interiors Manufacturing with prior written approval from Ecology and Puget Sound Clean Air Agency.
- 4.3. VOC emissions from Interiors Manufacturing shall not exceed 205 tons in any 12 consecutive months.

Compliance Monitoring

5. VOC's are defined in 40 CFR 51.100(s).
6. Boeing shall monitor compliance with Approval Conditions 2.3, 3.3, and 4.3 by:
 - 6.1. Separately quantifying for Paint Hangar Final Exterior Coating, 787 Final Assembly, and Interiors Manufacturing the VOCs of each VOC-containing material used each calendar month, and calculating the corresponding totals over the previous twelve months.

Example: For Paint Hangar Final Exterior Coating, the calculation will show each VOC containing material used in a given month and the corresponding VOC total.
 - 6.2. Boeing will determine VOC content from the corresponding Material Safety Data Sheets (MSDS's) or other manufacturer-supplied data.
 - 6.3. Boeing may deduct from the total calculated pursuant to Condition 6.1:
 - 6.3.1. Any VOCs that are included in the coating formulation as reactive components to the extent that they are incorporated into the final, cured airplane coating as verified by the coating vendor documentation.

6.3.2. Any VOCs recovered for off-site recycle or disposal or discharged from Boeing Everett to waste water or solid waste from materials used in Paint Hangar Final Exterior Coating, 787 Final Assembly, and Interiors Manufacturing.

Recordkeeping, Notification, and Reporting

7. Boeing shall keep the following records beginning in the first month of 787 manufacturing operations at the site:
 - 7.1. The calculations and results pursuant to Condition 6.1.
 - 7.2. An annually updated list of all VOC-containing material used in Paint Hangar Final Exterior Coating, 787 Final Assembly and Interiors Manufacturing within the immediate past twelve months.
 - 7.3. For materials containing VOCs that were deducted pursuant to Condition 6.3.1, vendor documentation verifying the quantity of reactive VOCs incorporated into the final, cured airplane coating.
 - 7.4. For VOCs that were deducted pursuant to Condition 6.3.2, inventory records verifying the quantity of VOCs recovered for off-site recycle or disposal or discharged from Boeing Everett to waste water or solid waste from materials used in Paint Hangar Final Exterior Coating, 787 Final Assembly, and Interiors Manufacturing.
 - 7.5. Records shall be retained for not less than five years after their origination.
 - 7.6. At a minimum, the most recent two years of data shall be retained on site. The remaining three years of data may be retained off site.
 - 7.7. Records shall be available to Ecology and the Puget Sound Clean Air Agency within ten days of request.
8. Boeing shall report annually to Ecology and the Puget Sound Clean Air Agency:
 - 8.1. The types and corresponding monthly and rolling twelve month quantities of VOC-containing materials used in each of Paint Hangar Final Exterior Coating, 787 Final Assembly, and Interiors Manufacturing.
 - 8.2. The quantity of VOCs in the VOC-containing materials reported pursuant to Condition 8.1.
 - 8.3. For VOCs that were deducted pursuant to Condition 6.3.1 the monthly and rolling twelve month quantity of reactive VOCs incorporated into the final, cured airplane coating in each of Paint Hangar Final Exterior Coating, 787 Final Assembly, and Interiors Manufacturing.
 - 8.4. For VOCs that were deducted pursuant to Condition 6.3.2 the monthly and rolling twelve month quantity of VOCs recovered for off-site recycle or disposal or discharged from Boeing Everett to waste water or solid waste from materials used in Paint Hangar Final Exterior Coating, 787 Final Assembly, and Interiors Manufacturing.
9. Prior to incorporation of the approval conditions of this PSD permit into Boeing's Title V permit (40 CFR Part 70), each occurrence of VOC emissions measured in excess of the limit specified in Approval Conditions 2.3, 3.3, and 4.3:

- 9.1. Shall be reported in writing to Ecology and the Puget Sound Clean Air Agency in accordance with WAC 173-400-107(3).
- 9.2. As used in WAC 173-400-107(3), "as soon as possible" shall mean in no case later than twelve hours after the deviation is discovered.
- 9.3. Such reports shall include:
 - 9.3.1. As a minimum:
 - 9.3.1.1. The time of the occurrence.
 - 9.3.1.2. Magnitude of excess from the emission limit.
 - 9.3.1.3. The duration of the excess.
 - 9.3.1.4. Any agency contacted.
 - 9.3.2. Upon request by Ecology or the Puget Sound Clean Air Agency:
 - 9.3.2.1. The probable cause.
 - 9.3.2.2. Corrective actions taken or planned.
10. After incorporation of the approval conditions of this PSD permit into Boeing's Title V permit (40 CFR Part 70), each occurrence of VOC emissions measured in excess of the limit specified in Approval Conditions 2.3, 3.3, or 4.3 shall be reported in writing to the Puget Sound Clean Air Agency as required by the Title V permit in accordance with WAC 173-401-615(3)(b).

Standard Requirements

11. Nothing in this determination shall be construed so as to relieve the company of its obligations under any state, local, or federal laws or regulations.
12. Access to Boeing-Everett by the U.S. Environmental Protection Agency (EPA), Ecology, and state or local regulatory personnel shall be permitted upon request for the purpose of compliance assurance inspections. Failure to allow access is grounds for an enforcement action under the federal Clean Air Act or the Washington State Clean Air Act.
13. This approval shall become invalid if construction of the project is not commenced within eighteen (18) months after receipt of the final approval, or if construction of the facility is discontinued for a period of eighteen (18) months, unless Ecology extends the 18 month period, pursuant to 40 CFR 52.21(r)(2) and applicable EPA guidance.
14. The effective date of this permit shall not be earlier than the date upon which the US EPA notifies Ecology that the US EPA has satisfied its obligations, if any, under Section 7 of the Endangered Species Act 16 U.S.C. § 1531 *et seq.*, 50 C.F.R. Part 402, subpart B (Consultation Procedures) and Section 305(b)(2) of the Magnuson-Stevens Fishery and Conservation Act 16 U.S.C. § 1801 *et seq.*, 50 C.F.R. Part 600, subpart K (EFH Coordination, Consultation, and Recommendations).
15. For federal regulatory purposes and in accordance with 40 CFR 124.15 and 124.19: If there was a public comment requesting a change in the preliminary determination or a proposed permit condition during the public review and comment period, the effective date of this

permit shall not be earlier than 30 days after service of notice to the commenters and applicant on the preliminary determination.

15.1. If a review of the final determination is requested under 40 CFR 124.19 within the 30-day period following the date of the final determination, the effective date of the permit is suspended until such time as the review and any subsequent appeal against the permit are resolved.

15.2. If there was no public comment requesting a change in the preliminary determination or a proposed permit condition during the public review and comment period, this permit is effective upon the date of finalization subject to consideration of Condition 14 (EPA's ESA requirement), above.

Reviewed by:

Richard B. Hibbard, P.E.
Technical Services Section
Air Quality Program

Date

Approved by:

Stuart A. Clark, Manager
Air Quality Program
Washington State Department of Ecology

Date

Ecology was notified by the US EPA that the US EPA has satisfied its obligations under the Endangered Species and Magnuson-Stevens Acts relative to PSD Permit 05-02 issued to Boeing Commercial Airplane Group on:

9/12/05

Date of USEPA Notification

Stuart A. Clark, Manager
Air Quality Program
Washington State Department of Ecology



28 4 Boeing has completed implementation and verification of the NO_x (as NO₂) offsets
29 totaling 53 tons per year, 1.10 times the proposed total allowable emissions, and
30 Ecology has approved the NO_x offsets submitted by The Boeing Company to be
31 permanent, quantifiable and federally enforceable.

32 5 The Everett facility was located within an area that was in nonattainment for ozone and
33 carbon monoxide at the time of original permitting and construction. At the time of
34 application for Amendment 2 the facility is located within an area which is in
35 attainment for all pollutants regulated by state and national ambient air quality
36 standards.

37 6 Best available control technology (BACT) for the three boilers has been determined to
38 be low-NO_x burners and flue gas recirculation (FGR). NO_x concentrations increase
39 when the boilers are operated at rates of 15% or less of rated capacity, but mass
40 emission rates remain low. To account for all phases of boiler operation, NO_x
41 emission concentration limits, expressed in lb/million British thermal units
42 (nanograms/Joule), are on a 30-day rolling average, while NO_x emission rate limits,
43 expressed in pounds per hour (kg/hr) for each boiler are on an hourly average.

44 7 These boilers are subject to the applicable requirements of the New Source
45 Performance Standards (NSPS), Subpart A "General Provisions" and Subpart Db
46 "Standards of Performance for Small Industrial-Commercial Units" of Title 40 Code
47 of Federal Regulations Part 60 (40 CFR 60) because each of the boilers has a heat
48 input capacity greater than 100 million Btu/hour and was constructed after 6/19/84 per
49 the applicability criteria of section 60.40b(a) of 40 CFR 60.

50 8 Ecology finds that all requirements for PSD are satisfied. Approval of the PSD
51 application is granted subject to the following conditions.

52 PSD APPROVAL CONDITIONS

53 1 The boilers shall be fueled only by natural gas except for periods when the supply of
54 natural gas has been curtailed, or for limited testing to insure proper operation of oil
55 burning equipment, including daytank turnover. During periods of natural gas
56 curtailment and during limited test periods the boilers may be fueled by "backup fuel."
57 "Backup fuel" may be either "Jet A" or "diesel" distillate oils

58 2 Boeing shall limit the combustion of back up fuel in Boilers #4, #5, and #6
59 combined, to:

60 2.1 13.68 million pounds in any twelve consecutive months, and

61 2.2 0.40 million pounds for the purposes of testing in any twelve consecutive
62 months.

63 3 NO_x emissions from each of the boiler stacks shall not exceed the following
64 emission limits:

65 3.1 While burning natural gas: 0.050 lb/million Btu (21 ng/J) as determined
66 by EPA Method 7E; and

67 3.2 While burning back-up fuel: 0.100 lb/million Btu (43 ng/J) as
68 determined by EPA Method 7E.

69 4 Compliance with the emission limits shall be determined on a 30-day rolling
70 average basis. The 30-day rolling average emission rate shall be calculated as
71 the average of all hourly emissions data recorded by the monitoring system for
72 the last 30 steam generating unit operating days. A new 30-day rolling average
73 emission rate shall be calculated each steam generating unit operating day as the
74 average of all hourly NO_x emission data for the preceding 30 steam generating
75 unit operating days. "One-hour period" means any 60-minute period
76 commencing on the hour. A "One-hour data average" shall be computed from

- 77 four or more data points equally spaced over each one-hour period. Data
78 recorded during periods of continuous monitoring system breakdown, repairs.
79 calibration checks, and zero and span adjustments shall not be included in the
80 data averages computed.
- 81 5 The peak emission rate of NO_x as NO_2 per boiler shall not exceed 7.6 lb/hr
82 (3.45 kg/hr) on an hourly average when firing natural gas, and 14.6 lb/hr (6.63
83 kg/hr) on an hourly average when firing jet A or diesel fuels.
- 84 6 For any twelve consecutive months, NO_x emissions shall not exceed 48.2 tons
85 from Boilers #4, #5, and #6, combined
- 86 7 NO_x emissions shall be measured by a continuous emission monitoring system that
87 conforms with the requirements of EPA Title 40 Code of the Federal Regulations,
88 Part 60, Appendix B, Performance Specification 2, and Appendix F.
- 89 8 Sampling ports and platforms must be provided for each boiler, after the final
90 pollution control device. The ports must meet the requirements of 40 CFR, Part 60,
91 Appendix A Method 1. Other arrangements may be acceptable if approved in
92 advance by Ecology prior to installation. Adequate permanent and safe access to
93 the test ports must be provided.
- 94 9 Within 30 days after the end of each month, Boeing shall report to PSAPCA, and as
95 required by EPA Region X, the following:
- 96 9.1 Any periods exceeding the limits in Conditions 1 through 6.
97 9.2 The total NO_x emissions for the current month.
98 9.3 The rolling total NO_x emissions for the preceding twelve months.
99 9.4 The total amount of back-up fuel consumed for the preceding twelve months.
- 100 10 For each time period that requirements in Conditions 1 through 6 are exceeded, Boeing
101 shall report to PSAPCA, and as required by EPA Region X, the following:
102 10.1 The date and time of the occurrence.

103 10.2 The magnitude and duration of the occurrence.

104 10.3 The cause of the exceedance.

105 10.4 Actions taken to prevent the reoccurrence.

106 11 Boeing will develop and follow an operation and maintenance plan to implement
107 procedures and control methods described in the PSD application. The plan will be
108 available to PSAPCA and Ecology within 90 days of start-up.

109 12 Any activity that is undertaken by Boeing or others, in a manner that is inconsistent
110 with the application and this determination, shall be subject to Ecology enforcement
111 under applicable regulations. Nothing in this determination shall be construed so as to
112 relieve Boeing of its obligations under any state, local, or federal laws or regulations.

113 Reviewed by:

114
115
116
117

Alan T. Butler
Alan T. Butler, P.E.
Air Quality Program
Washington Department of Ecology

6/18/99
Date

118 Signed by:

119
120
121
122

Mary E. Burg
Mary E. Burg
Program Manager, Air Quality Program
Washington Department of Ecology

6-22-99
Date

123 Signed by:

By telephone call to Ray Nye on 6/18/99
these changes do not need EPA approval
since the annual limitation does not change

124
125
126
127

Anita Frankel
Anita Frankel
Director, Office of Air Quality
Environmental Protection Agency, Region X

Date



Puget Sound Air Pollution Control Agency

Notice of Construction No. 1981

Date **OCT 18 1979**

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

DeVilbiss Dry Filter Spray Booth, Model XDF-6207, 8,000 cfm (12' L X 8' W X 8' H)

A P P L I C A N T	<u>Mr. F. M. Stewart, Facilities Engineering Manager</u>	O W N E R	<u>SAME</u>
	<u>Boeing Commercial Airplane Co., P.O. Box 3707, N/S OH-28</u>		<u>SAME</u>
	<u>Seattle, WA 98124</u>		<u>SAME</u>
	<small>NAME STREET CITY STATE ZIP</small>		<small>NAME STREET CITY STATE ZIP</small>

INSTALLATION ADDRESS

Bldg. 40-53, 3303 W. Casino Rd. Everett, WA 98203

SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

Permission is hereby granted as provided in Article 6 of Regulation I of the PSAPCA to the APPLICANT to install, alter, or establish the equipment, device, or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the ENGINEERING DIVISION of PSAPCA. This approval is not a waiver of liability for the infraction of Regulation I nor does it relieve the APPLICANT or OWNER of any requirements of other government agencies.

SPECIFIC

H. A. Watters
Reviewing Engineer

A. R. Dammkoehler

Air Pollution Control Officer

sj



Puget Sound Air Pollution Control Agency

Notice of Construction No. 2035
Date **DEC 21 1979**

HEREBY GRANTS PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

= One Semi-Automatic Silk Screen Washer, Wash-Aire Model 85-SP, with
two 3700 cfm vents

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Mr. F. M. Stewart
Boeing Commercial Airplane Co.

NAME

P. O. Box 3107, W/S Q1-28

STREET

Seattle, Washington 98124

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STREET

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INSTALLATION ADDRESS

Bldg No. 40-50, 3305 Casino Road So. Everett Washington 98203

STREET

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SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

Permission is hereby granted as provided in Article 6 of Regulation 1 of the PSAPCA to the APPLICANT to install, alter, or establish the equipment, device, or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the ENGINEERING DIVISION of PSAPCA. This approval is not a waiver of liability for the infraction of Regulation 1 nor does it relieve the APPLICANT or OWNER of any requirements of other government agencies.

Harry A. Watters
Reviewing Engineer

SPECIFIC

A. R. Dammkoehler

Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of Construction No. 2084
Date APR 7 1980

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

A William and White 1500-ton, vertical, down acting compression moulding press
(or equivalent) to be used to form crushed core interior panels for airplanes.

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Mr. Michael A. Stanaszek
Boeing Commercial Airplane Co.

Orgn 6141, M/S Oh-26
P. O. Box 3707

Seattle, WA

NAME

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INSTALLATION ADDRESS

3303 Casino Road S. W.

Everett, WA

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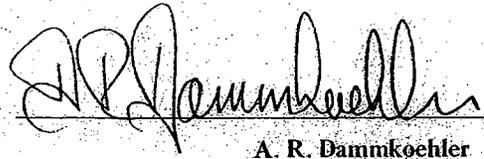
SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

Permission is hereby granted as provided in Article 6 of Regulation 1 of the PSAPCA to the APPLICANT to install, alter, or establish the equipment, device, or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the ENGINEERING DIVISION of PSAPCA. This approval is not a waiver of liability for the infraction of Regulation 1 nor does it relieve the APPLICANT or OWNER of any requirements of other government agencies.

SPECIFIC


Harry A. Walters
Reviewing Engineer


A. R. Dammkoehler

Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of Construction No. 2090

Date APR 25 1980

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

One solvent cleaning bench with 7,200 cfm exhausted from a 26 inch diameter by 40 foot high vent.

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Mr. F. M. Stewart
Boeing Commercial Airplane Co.

Same

P. O. Box 3707, M/S OH-28

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Seattle, WA 98124

CITY STATE ZIP

INSTALLATION ADDRESS

40-56 Interior Fabrication Bldg., 3303 Casino Road S.W. Everett, WA 98201

SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

Permission is hereby granted as provided in Article 6 of Regulation 1 of the PSAPCA to the APPLICANT to install, alter, or establish the equipment, device, or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the ENGINEERING DIVISION of PSAPCA. This approval is not a waiver of liability for the infraction of Regulation 1 nor does it relieve the APPLICANT or OWNER of any requirements of other government agencies.

SPECIFIC

H. A. Watters
Reviewing Engineer
jk

A. R. Dammkoehler
Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of
Construction No. 2092
Date MAY 7 1980

Fjellman Company Milt-Opening Press

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Mr. F. M. Stewart
Boeing Commercial Airplane Company

NAME

P.O. Box 3707, M/S OH-26

STREET

Seattle,

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INSTALLATION ADDRESS

Bldg. 40-56, 3301 Casino Road,

STREET

Everett,

CITY

WA

STATE

98201

ZIP

SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

Permission is hereby granted as provided in Article 6 of Regulation 1 of the PSAPCA to the APPLICANT to install, alter, or establish the equipment, device, or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the ENGINEERING DIVISION of PSAPCA. This approval is not a waiver of liability for the infraction of Regulation 1 nor does it relieve the APPLICANT or OWNER of any requirements of other government agencies.

SPECIFIC

H. A. Hatters
Reviewing Engineer

A. R. Dammkoehler

Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of Construction No. 2134

Date JUL 3 1980

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

One Despatch PSD-65 S Fiberglass repair curing oven at 690 cfm (400° F)
exhausted through 8" diameter by 106' high stack.

APPLICANT

Mr. F. M. Stewart

Boeing Commercial Airplane Company

P.O. Box 3707, MS OH-26

Seattle

WA

98124

OWNER

same

STREET

CITY

STATE

ZIP

INSTALLATION ADDRESS

Building 40-31, 3303 Casino Road SW

Everett

WA

98203

SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

Permission is hereby granted as provided in Article 6 of Regulation 1 of the PSAPCA to the APPLICANT to install, alter, or establish the equipment, device, or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the ENGINEERING DIVISION of PSAPCA. This approval is not a waiver of liability for the infraction of Regulation 1 nor does it relieve the APPLICANT or OWNER of any requirements of other government agencies.

SPECIFIC

H. A. Watters
Reviewing Engineer

jc

Form 50-118 Approved 11/73

A. R. Dammkoehler

Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of Construction No. 2137

Date JUL 7 1980

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

One Dispatch PSD-4105 Walk-In Cure Oven for Manufacture of
Fiberglass Tools Located in a Fiberglass Fabrication.

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Mr. F. M. Stewart
Boeing Commercial Airplane Company

Same

P. O. Box 3707, M/S OH-26

Seattle, WA 98124

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INSTALLATION ADDRESS

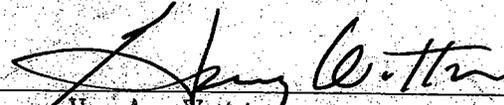
Building 40-31, 3303 Casino Road S. W., Everett, WA 98204

SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

Permission is hereby granted as provided in Article 6 of Regulation 1 of the PSAPCA to the APPLICANT to install, alter, or establish the equipment, device, or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the ENGINEERING DIVISION of PSAPCA. This approval is not a waiver of liability for the infraction of Regulation 1 nor does it relieve the APPLICANT or OWNER of any requirements of other government agencies.

SPECIFIC


H. A. Watters
Reviewing Engineer

jk


A. R. Dammkoehler

Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 2139

Date SEP 20 1995

One Devilbiss Spray Booth for painting interior airplane parts, rated at 13,000 cfm, located in Building 40-56, Column S-5, modified from a water wash filtration system to a dry filter system.

C E MORRIS, ENVIRONMENTAL ENGINEER

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

R SEATTLE

WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 2139, issued to modify spray booth from water wash to dry filter, hereby supersedes and cancels Order of Approval No. 2139 dated Jul 14, 1980.

ABIGAIL C. LEE
Reviewing Engineer

MEJ

JAY M. WILLENBERG
Reviewing Engineer

for DENNIS J. McLERRAN
Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of Construction No. 2140
Date **JUL 14 1980**

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

One DeVilbiss XWL6371 water wash spray booth, 20'L x 6'W x 7'H for painting interior airplane parts. 17,500 cfm exhausted through a 42" diameter stack, 52 ft. above grade.

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Mr. P. M. Stewart
Boeing Commercial Airplane Co.
P.O. Box 3707, M/S OH-26
Seattle, WA 98124

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P.O. Box 3707, M/S OH-26
Seattle, WA 98124

INSTALLATION ADDRESS

Bldg. 40-56, 3303 Casino Road S.W., Everett, WA 98204

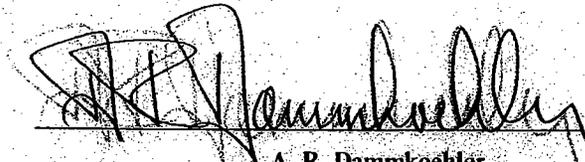
SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

Permission is hereby granted as provided in Article 6 of Regulation 1 of the PSAPCA to the APPLICANT to install, alter, or establish the equipment, device, or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the ENGINEERING DIVISION of PSAPCA. This approval is not a waiver of liability for the infraction of Regulation 1 nor does it relieve the APPLICANT or OWNER of any requirements of other government agencies.

SPECIFIC


H. A. Watters
Reviewing Engineer


A. R. Dammkoehler
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 2141

Date MAY 22 1995

One 1,000,000 gallon jet fuel storage tank, 74' dia x 32' high, coned-roof type with 12" dia. pressure relief vent.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

O BOEING COMMERCIAL AIRPLANE GRP(EVRT)
W
N PO BOX 3707, MS OH-00
E
R SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

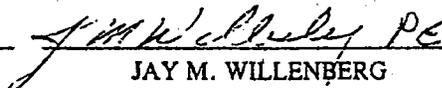
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 2141 issued to amend description hereby supersedes and cancels Order of Approval No. 2141 dated Jul 21, 1980.

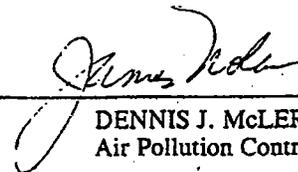


ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

014-40-18



Puget Sound Air Pollution Control Agency

Notice of Construction No. 2141
Date JUL 21 1980

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

One 1,000,000 gallon jet fuel (JP-5) storage tank, 74' dia x 32' high,
coned-roof type with 12" dia. pressure relief vent.

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Mr. F. M. Stewart
Boeing Commercial Airplane Co.

P. O. Box 3707, M/S OH-26

Seattle, WA 98124

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INSTALLATION ADDRESS

3303 Casino Road SE Everett, WA 98204

SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

Permission is hereby granted as provided in Article 6 of Regulation 1 of the PSAPCA to the APPLICANT to install, alter, or establish the equipment, device, or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the ENGINEERING DIVISION of PSAPCA. This approval is not a waiver of liability for the infraction of Regulation 1 nor does it relieve the APPLICANT or OWNER of any requirements of other government agencies.

SPECIFIC

Harry A. Watters
Reviewing Engineer

A. R. Dammkoehler
Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of Construction No. 2145

Date JUL 30 1980

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

One DeVilbiss XWL 6380 water wash point spray booth at 20,000 cfm, 20'L x 9'W x 8'H.
(Boeing reference APCN-006-40-32)

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Mr. F. M. Stewart

Boeing Commercial Airplane Co.

P. O. Box 3707, M/S OH-26

Seattle

WA

98124

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INSTALLATION ADDRESS

Bldg. 40-32, 3303 Casino Road SW

Everett

WA

98203

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SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

Permission is hereby granted as provided in Article 6 of Regulation 1 of the PSAPCA to the APPLICANT to install, alter, or establish the equipment, device, or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the ENGINEERING DIVISION of PSAPCA. This approval is not a waiver of liability for the infraction of Regulation 1 nor does it relieve the APPLICANT or OWNER of any requirements of other government agencies.

SPECIFIC

H. A. Watters

Reviewing Engineer

jc

A. R. Dammkoehler

Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of Construction No. 2221

Date FEB 23 1981

HEREBY GRANTS

PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

Two Interior Bonding Oven, by Brown Engineering Co., 16' L x 9' W x 8' H, at 473 afm (400 degree F) (Ref. No. APCN 010-40-56)

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Mr. F. M. Stewart, Orgn. E-6100
 Boeing Commercial Airplane Co.
 P. O. Box 3707, M/S OH-26
 Seattle, WA 98124

NAME STREET CITY STATE ZIP

Same

OWNER NAME STREET CITY STATE ZIP

INSTALLATION ADDRESS

Building 40-56, 3303 Casino Road, S.W., Everett, WA 98201

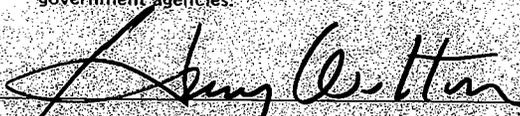
STREET CITY STATE ZIP

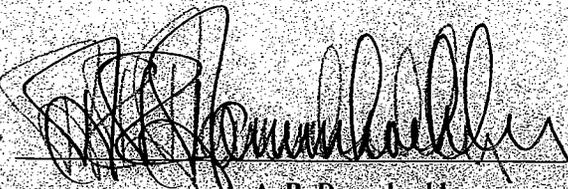
SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

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SPECIFIC


 Harry A. Watters
 Reviewing Engineer


 A. R. Dammkoehler
 Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of Construction No. 2222
Date FEB 23 1981

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

One DeVilbiss Traveling Paint Spray Booth with water wash, 26'L x 18'W x 42'H, at 60,000 cfm (Ref. No. APCN 018-40-51)

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Mr. F. M. Stewart, Orgn E6100
Boeing Commercial Airplane Company

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P.O. Box 3707, M/S CH-26

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Seattle, WA 98124

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INSTALLATION ADDRESS

Bldg. No. 40-51, 3303 Casino Road SW, E Everett, WA 98201

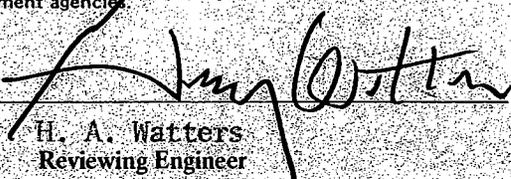
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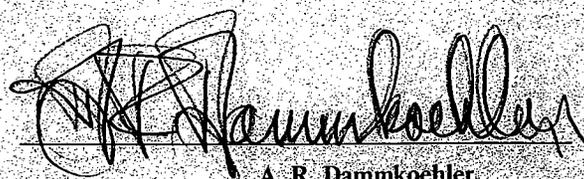
SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

SPECIFIC

Permission is hereby granted as provided in Article 6 of Regulation 1 of the PSAPCA to the APPLICANT to install, alter, or establish the equipment, device, or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the ENGINEERING DIVISION of PSAPCA. This approval is not a waiver of liability for the infraction of Regulation 1 nor does it relieve the APPLICANT or OWNER of any requirements of other government agencies.


H. A. Watters
Reviewing Engineer


A. R. Dammkoehler
Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of Construction No. 2235
Date MAR 25 1981

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

One DeVilbiss No. 23836 dry filter paint booth at 32,000 cfm; and one fuel tank leak test unit at 1,500 cfm; Wing Stub Clean, Seal, Paint and Cure Facility. (Boeing Ref. No. APCN 019-40-33)

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Mr. F. M. Stewart, M/S OH-26
Boeing Commercial Airplane Company

SAME

P.O. Box 3707, Orgn E-6100

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Seattle, WA 98124

CITY STATE ZIP

INSTALLATION ADDRESS

Bldg. 40-33, 3303 Casino Road S.W. Everett, WA 98201

STREET CITY STATE ZIP

SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

Permission is hereby granted as provided in Article 6 of Regulation I of the PSAPCA to the APPLICANT to install, alter, or establish the equipment, device, or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the ENGINEERING DIVISION of PSAPCA. This approval is not a waiver of liability for the infraction of Regulation I, nor does it relieve the APPLICANT or OWNER of any requirements of other government agencies.

SPECIFIC


H. A. Watters
Reviewing Engineer


A. R. Dammkoehler
Air Pollution Control Officer

sj



Puget Sound Air Pollution Control Agency

Notice of Construction No. 2256
Date **MAY 5 1981**

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

One DeVilbiss Model XWE 6236 water wash paint spray booth at 15,000 cfm, 10' wide X 9' deep X 8' high (Ref. No. APCN 020-40-24)

A P P L I C A N T	Mr. F. M. Stewart					
	Boeing Commercial Airplane Company			SAME		
	NAME			NAME		
	P.O. Box 3707, M/S OH-26					
STREET			STREET			
Seattle,						
WA			98124			
STATE			ZIP			
CITY			CITY			
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ZIP			ZIP			

INSTALLATION ADDRESS

Col K-8, First floor, Bldg. 40-24, 3303 Casino Road S.W., Everett, WA 98201

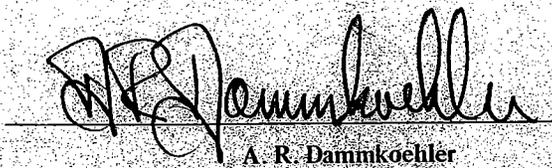
SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

Permission is hereby granted as provided in Article 6 of Regulation 1 of the PSAPCA to the APPLICANT to install, alter, or establish the equipment, device, or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the ENGINEERING DIVISION of PSAPCA. This approval is not a waiver of liability for the infraction of Regulation 1 nor does it relieve the APPLICANT or OWNER of any requirements of other government agencies.

SPECIFIC


H. A. Watters
Reviewing Engineer


A. R. Dammkoehler
Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of Construction No. 2523

Date DEC 04 1985

Two Devilbiss Model No. 6387 Dynaclean Waterwash Spray Booths, one located in Bldg. No. 40-30 and one located in Bldg. No. 40-56

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Mr. F. M. Stewart
Boeing Commercial Airplane Co.

Same

P. O. Box 3707, M/S OH-26

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Seattle, WA 98124

STREET

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INSTALLATION ADDRESS

3003 W. Casino Rd., Everett, WA 98203

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THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I or II, RCW 70.94, or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.

Harry A. Watters
Reviewing Engineer

sjn

A. R. Dammkoehler
Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of Construction No. 2661
Date JUN 13 1985

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

One Ceilcote Air Stripper, 54 in. diam. by 32 ft. high, at 5,000 cfm

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Mr. Max C. Pahmeier
The Boeing Company

NAME

P. O. Box 3707, M/S OH-26

STREET

Seattle,

CITY

WA

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INSTALLATION ADDRESS

Waste Treatment Plant, Bldg. 45-06, 3303 Casino Road,

STREET

Everett, WA

CITY

STATE

98201

ZIP

SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

Permission is hereby granted as provided in Article 6 of Regulation 1 of the PSAPCA to the APPLICANT to install, alter, or establish the equipment, device, or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the ENGINEERING DIVISION of PSAPCA. This approval is not a waiver of liability for the infraction of Regulation 1 nor does it relieve the APPLICANT or OWNER of any requirements of other government agencies.

SPECIFIC


Harry A. Watters
Reviewing Engineer


A. R. Dammkoehler
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 2724

Date MAY 22 1995

One Dust-Kop 30-SN51-02 Cyclone, 36" dia. by 72" ht., and one Star Machinery FT-64D1 Dust Collector at 3,000 cfm to control sawdust emissions from the wood shop.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

O BOEING COMMERCIAL AIRPLANE GRP(EVRT)
W PO BOX 3707, MS OH-00
N SEATTLE WA 98124-2207
E
R

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 2724 issued to amend description hereby supersedes and cancels Order of Approval No. 2724 dated Dec 4, 1985.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

J. M. Wilkenberg PE

JAY M. WILLENBERG
Reviewing Engineer

Dennis J. McLerran

DENNIS J. McLERRAN
Air Pollution Control Officer

The Boeing Company
Fax Leader

To: <u>Abby Lee</u>		No. of Pages: <u>3</u>		Today's Date: _____		Orgn. No. _____	
Company: <u>PSAPCA</u>		From: <u>John Fishberg</u>		Mallstop: _____		Mallstop: _____	
Location: _____		Company: <u>Boeing</u>		Location: _____		Bldg. No. _____	
Fax No. _____		Telephone No. <u>MAY 12 1995</u>		Fax No. _____		Telephone No. <u>342-5759</u>	
Comments: _____		Original Disposition: <input type="checkbox"/> Destroy <input type="checkbox"/> Return <input type="checkbox"/> Call for pickup		_____		_____	

RECEIVED
PUGET SOUND AIR POLLUTION CONTROL AGENCY



Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of Construction No. 2724
Date DEC 04 1985

One Dust-Kop 50N70-DZ cyclone, 36" dia. by 72" ht., and one Star Machinery FT-64D1 Dust Collector at 3,000 cfm to control sawdust emissions from wood shop

Mr. F. M. Stewart
Boeing Commercial Airplane Co.

P. O. Box 3707, M/S OH-26
Seattle, WA 98124

INSTALLATION ADDRESS

Bldg. 40-01, Col E 13.5, 3003 W. Casino Rd., Everett, WA 98203

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

- Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
- Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I or II, RCW 70.94, or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply.
- This approval does not relieve the applicant or owner of any requirement of any other governmental agency.

[Signature]
Harry A. Waters
Reviewing Engineer

[Signature]
A. R. Dammkoehler
Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of Construction No. 2725

Date DEC 04 1985

One Precision Silkscreen Printer/Dryer with three exhaust stocks at 5,000 cfm each

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Mr. F. M. Stewart
Boeing Commercial Airplane Co.

NAME

P. O. Box 3707, M/S OH-26

STREET

Seattle,

CITY

WA

STATE

98124

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Same

NAME

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INSTALLATION ADDRESS

Bldg. 40-56, 3003 W. Casino Rd.,

STREET

Everett,

CITY

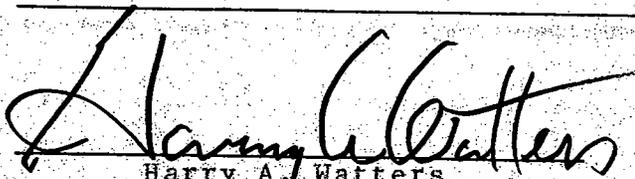
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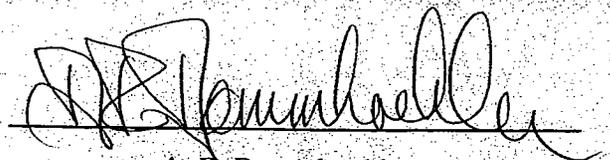
98203

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I or II, RCW 70.94, or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


 Harry A. Watters
 Reviewing Engineer

s j n


 A. R. Dammkoehler
 Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of Construction No. 3017

Date JAN 26 1988

One Binks NFB-12-8-T-B Spray Booth at 12,000 cfm BEHC #30-087401

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Mr. Max C. Pahmeier
Boeing Commercial Airplane Company

NAME

PO Box 3707, MS OH-26

STREET

Seattle,

WA

98124

CITY

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STREET

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INSTALLATION ADDRESS

Col. C/17, Bldg. 40-05, 3003 W. Casino Rd., Everett, WA 98203

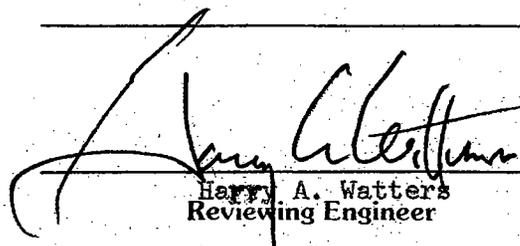
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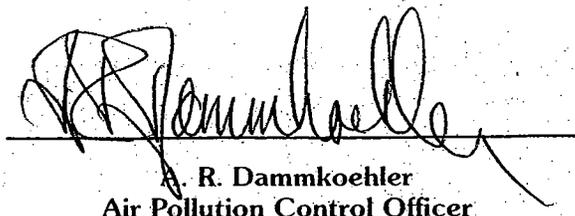
CITY

STATE

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2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I or II, RCW 70.94, or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


 Harry A. Watters
 Reviewing Engineer


 A. R. Dammkoehler
 Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of Construction No. 3028
Date MAR 04 1988

One Binks CWE-20-7-T Spray Booth, water curtain, 20'L x 9'W x 10'2"H,
at 21,000 cfm.

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Mr. Max C. Pahmeier
Boeing Commercial Airplane Co.

Same

P. O. Box 3707, M/S OH-26

Seattle,

CITY

NAME

STREET

WA

STATE

98124-2207

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INSTALLATION ADDRESS

Bldg. 7-121, 3003 W. Casino Rd.,

STREET

Everett,

CITY

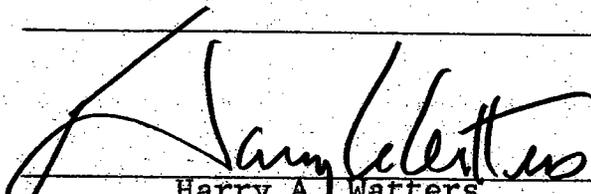
WA

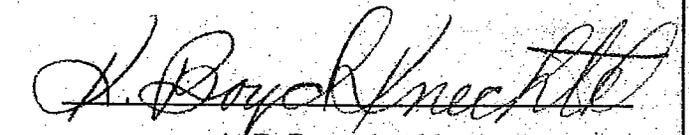
STATE

98203

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


 Harry A. Watters
 Reviewing Engineer
 sjn


 A. R. Dammkoehler
 Acting Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of Construction No. 3029
Date **MAR 15 1988**

One Cincinnati Milacron Model H 1000-70 Horizontal Plastic Injection Molding Machine with 1500 cfm exhaust

APPLICANT

Mr. Max C. Pahmeier
Boeing Commercial Airplane Co.,
P. O. Box 3707, M/S OH-26
Seattle, WA 98124-2207

OWNER

Same
NAME
STREET
CITY STATE

INSTALLATION ADDRESS

Bldg. 40-56, Col. A-4.5, 3003 W. Casino Rd., Everett, WA 98203

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

- Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
- Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I or II, RCW 70.94, or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply.
- This approval does not relieve the applicant or owner of any requirement of any other governmental agency.

Harry A. Watters
Harry A. Watters
Reviewing Engineer
csjn

A. R. Dammkoehler
A. R. Dammkoehler
Acting Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of Construction No. 3030

Date MAR 15 1988

One Wash-Aire #85 Silkscreen Washer, 40 Ft/min, with two 2600 cfm exhausts

Mr. Max C. Pahmeier
Boeing Commercial Airplane Co.

Same

P. O. Box 3707, M/S OH-26

NAME

Seattle,

STREET
WA

98124-2207

OWNER

STREET

CITY

STATE

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CITY

STATE

INSTALLATION ADDRESS

Bldg. 40-56, Col. D-2, 3003 Casino Rd.,

Everett, WA

98203

STREET

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STATE

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.

Harry A. Watters
Harry A. Watters
Reviewing Engineer

sjn

A. R. Dammkoehler
A. R. Dammkoehler
Acting Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of Construction No. 3042

Date 3-30-88

#4 Despatch "PW" Paint Curing Oven

Control #034-40-31-15.5A; BEHC #717018

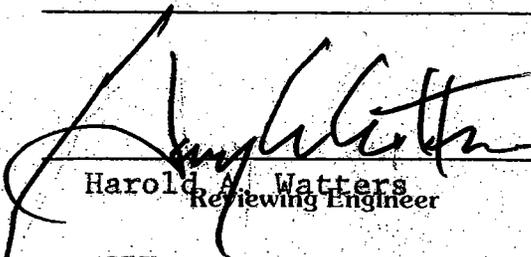
Mr. Max C. Pahmeier

A P P L I C A N T	Boeing Commercial Airplane Co.	NAME	same	NAME
	P.O. Box 3707, M/S OH-26	STREET		STREET
	Seattle, WA 98124-2207	CITY STATE ZIP		CITY STATE
		INSTALLATION ADDRESS		

40-31 Bldg., 3003 W. Casino Road, Everett, WA 98203

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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- This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


 Harold A. Watters
 Reviewing Engineer
 cpm


 K. Boyd Knechtel
 A. R. Dammkoehler
 Acting Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of Construction No. 3043

Date 3-30-88

One Mahon #2 BCS Curing Oven
Control #030-40-05-17B; BEHC #344920

Mr. Max C. Pahmeier
Boeing Commercial Airplane Company

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P.O. Box 3707, M/S OH-26

Seattle, WA 98124-2207

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INSTALLATION ADDRESS

40-05 Bldg., 3003 W. Casino Road, Everett, WA 98203

STREET

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THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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Harold A. Watters
Harold A. Watters
Reviewing Engineer

cpm

K. Boyd Knechtel
K. Boyd Knechtel
A. R. Dammkoehler
Acting Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of Construction No. 3044

Date 3-30-88

One Despatch PSD3-655 Fiberglass Cure Oven

Control #033-40-30-13.5H; BEHC #027610

Mr. Max C. Pahmeier
Boeing Commercial Airplane Company

same

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P.O. Box 3707, M/S OH-26

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Seattle, WA 98124-2207

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INSTALLATION ADDRESS

40-30 Bldg., 3003 West Casino Road, Everett, WA 98203

STREET

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Harold A. Watters
Harold A. Watters
Reviewing Engineer

cpm

K. Boyd Knechtel
K. Boyd Knechtel
A. R. Dammkoehler
Acting Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of Construction No. 3046

Date 3-30-88

One Despatch HAE Cure Oven

Control #031-40-56-3A.5; BEHC #057809

Mr. Max C. Pahmeier
Boeing Commercial Airplane Company

same

P.O. Box 3707, M/S OH-26

NAME

Seattle, WA 98124-2207

STREET

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INSTALLATION ADDRESS

40-56 Bldg., 3003 W. Casino Road, Everett, WA 98203

STREET

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Harold A. Watters
Harold A. Watters
Reviewing Engineer

cpm

K. Boyd Knechtel
K. Boyd Knechtel
A-R Dammkoehler
Acting Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of Construction No. 3053
Date APR 11 1988

Two Dispatch PWD2-91-1 Ink Drying Ovens

Control #035-40-30.2-16K; BEHC#075846 and 075847

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Mr. Max C. Pahmeier
Boeing Commercial Airplane Co.

NAME

P. O. Box 3707, MS OH-26

STREET

Seattle,

CITY

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INSTALLATION ADDRESS

3003 W. Casino Road, Everett, WA 98203

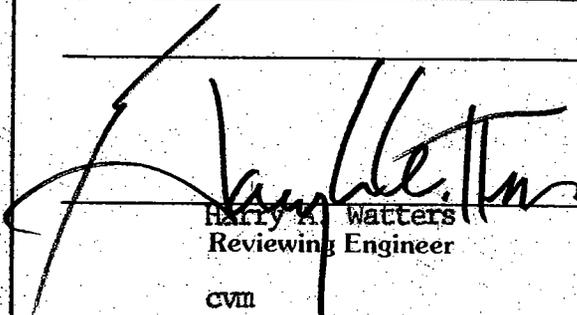
STREET

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- This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


Harry A. Watters
Reviewing Engineer

cvii


K. Boyd Knechtel
A. R. Dammkoehler
(Acting) Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of Construction No. 3058
Date APR 21 1988

Three central vacuum cleaning systems, each with two 60" Primary Centrifugal Separators and two 72" Tubular Bag Separators at 4,000 cfm @ 8" Hg

Control #040-40-21/32/33, BEHC #06689,90, #382246, 47; #384964, 65

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Mr. Max C. Pahmeier
Boeing Commercial Airplane Co.

Same

P. O. Box 3707, M/S OH-26

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Seattle,
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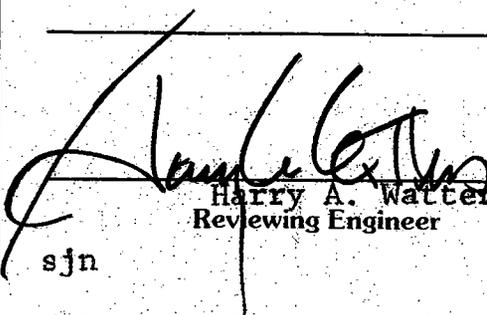
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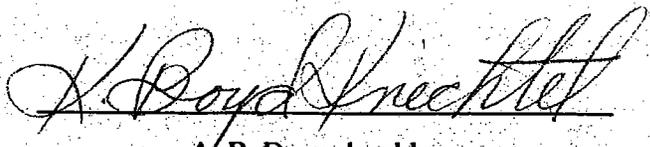
INSTALLATION ADDRESS

Outside Buildings 40-21, 40-32, and 40-33, 3003 W. Casino Rd., Everett, WA
STREET CITY STATE 98203

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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 Harry A. Watters
 Reviewing Engineer
 sjn


 A. R. Dammkoehler
 Acting Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of Construction No. 3059
Date APR 21 1988

One Torit Model 24FBS5 Cyclone with bag filters at 2600 cfm
Control #036-40-03, BEHC #025278

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Mr. Max C. Pahmeier
Boeing Commercial Airplane Co.

NAME

P. O. Box 3707, M/S OH-26

STREET

Seattle,
CITY

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STATE

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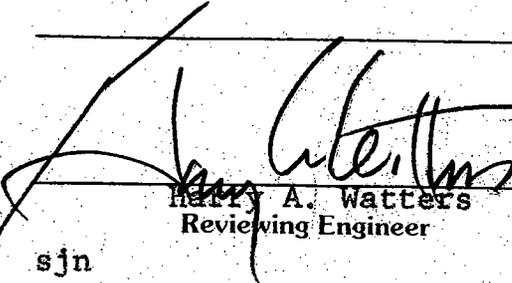
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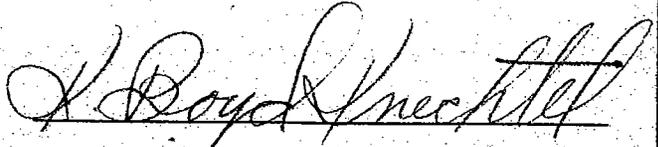
INSTALLATION ADDRESS

Bldg. 40.03 - Outside Wall, 3003 W. Casino Rd., Everett, WA 98203
STREET CITY STATE

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Harry A. Watters
Reviewing Engineer
sjn


A. R. Dammkoehler
Acting Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of Construction No. 3060
Date APR 21 1988

Four Sutorbilt 3000W vacuum pumps; each at 1,580 acfm @ 26" Hg.
Control #037-40-56-4A, BEHC #381160

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Mr. Max C. Pahmeier
Boeing Commercial Airplane Co.

NAME

P. O. Box 3707, M/S OH-26

STREET

Seattle,

CITY

WA

STATE

98124-2207

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STATE

INSTALLATION ADDRESS

Bldg. 40-56 (Pump Room), Col. 4A, 3003 W. Casino Rd., Everett, WA 98203

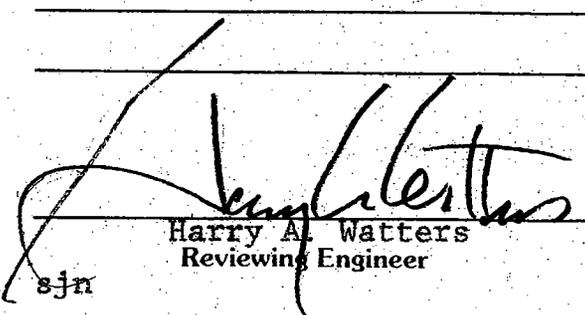
STREET

CITY

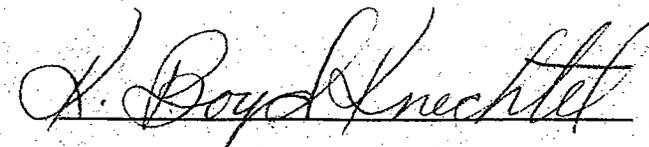
STATE

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

- Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
- Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I or II, RCW 70.94, or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply.
- This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


Harry A. Watters
Reviewing Engineer

sjn


A. R. Dammkoehler
Acting Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of Construction No. 3061

Date APR 21 1988

One Spencer CH850CB centrifugal separator and one Spencer TD760AB Tubular bag separator at 2,325 cfm (10" Hg)

Control #038-40-56-4A, BEHC #386626, #089020

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Mr. Max C. Pahmeier
Boeing Commercial Airplane Co.

NAME

P. O. Box 3707, M/S OH-26

STREET

Seattle,

CITY

WA

STATE

98124-2207

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NAME

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INSTALLATION ADDRESS

Bldg. 40-56 (Pump Room), Col. 4A, 3003 W. Casino Rd., Everett, WA 98203

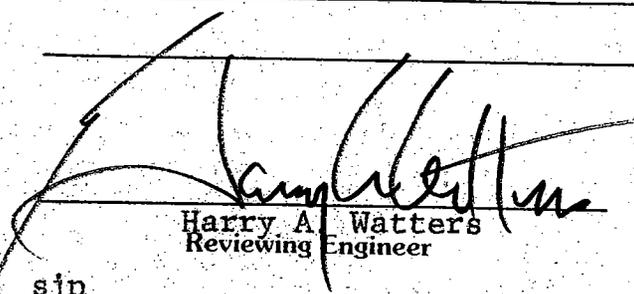
STREET

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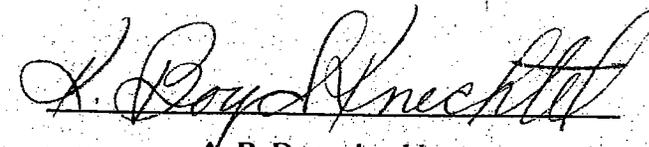
STATE

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I or II, RCW 70.94, or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


Harry A. Watters
Reviewing Engineer

sjn


A. R. Dammkoehler
Acting Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

13120

Notice of Construction No. 3166

Date DEC 05 1988

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

One Casso-Solar Silkscreen Print Dryer

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ATTN: MAX C. PAHMEIER, BOEING COMMERCIAL AIRPLANES
P. O. BOX 3707, M/S OH-26
SEATTLE WA 98124

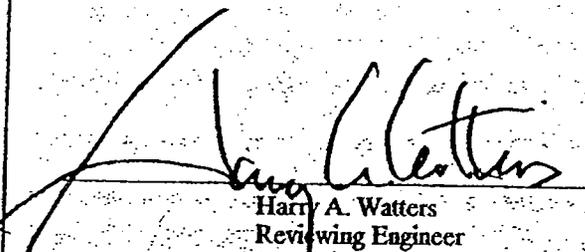
O BOEING COMMERCIAL AIRPLANES
W P. O. BOX 3707, M/S OH-26
N SEATTLE WA 98124
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INSTALLATION ADDRESS

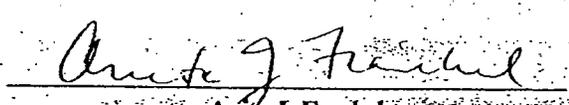
BLDG 40-56, 3003 WEST CASINO ROAD, EVERETT, WA, 98203

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I or II, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


Harry A. Watters
Reviewing Engineer

CPM


Anita J. Frankel
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3189

Date MAY 22 1995

One Lamp Repair Facility with Farr Model 3CF Glide/Pack Carbon Filter or equivalent (treated with potassium tri-iodide for mercury removal) and Farr Class 1' 30/30 24x24x4 Filters at 16,875 cfm.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

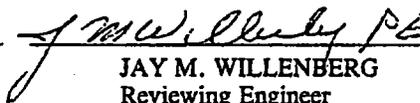
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 3189 issued to amend description hereby supersedes and cancels Order of Approval No. 3189 dated Feb 6, 1989.

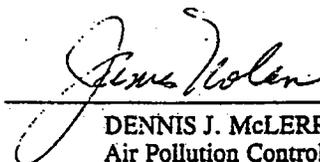


ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of
Construction No. 3291

Date AUG 09 1989

One C.A.B. Systems (24'Wx24'Hx60'L) Blast Facility with a Torit 4DF80 Baghouse at 34,560 cfm.

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Boeing Commercial Airplane (Everett); Attn: Max Pahmeier

PO BOX 3707 MS OH-24

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (EVERETT)

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PO BOX 3707 MS OH-24

SEATTLE

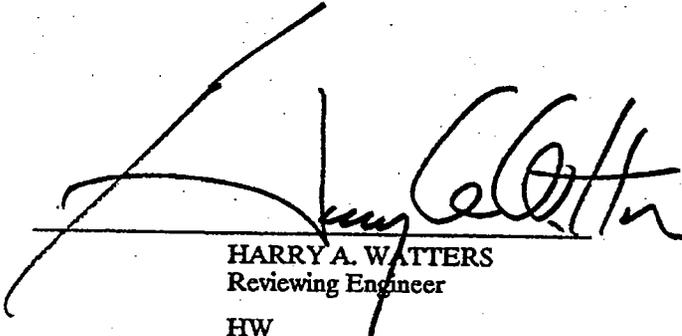
WA 98124-2207

INSTALLATION ADDRESS

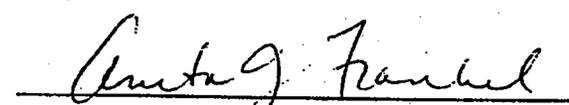
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, BLDG 40-10, COL C-24, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I or II, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HW


Anita J. Frankel
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of
Construction No. 3371

Date DEC 05 1980

One Binks Water Wash Custom #B243-952 Spray Booth, 60'Lx24"Wx24'H, with two 36,000 cfm fans,
located in Bldg 40-10, Col. C-22.

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707 MS OH-24
SEATTLE WA 98124-2207

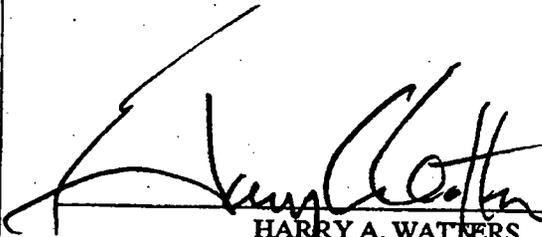
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707 MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

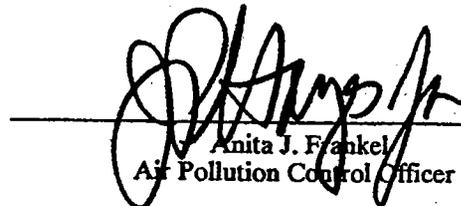
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, BLDG 40-10, COL. C-22, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HW


Anita J. Frankel
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of
Construction No. 3375

Date DEC 05 1989

Two Brown Engineering Interiors Bonding Ovens located at Bldg 7-370, Columns T4 and R9.

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707 MS OH-24

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707 MS OH-24

SEATTLE

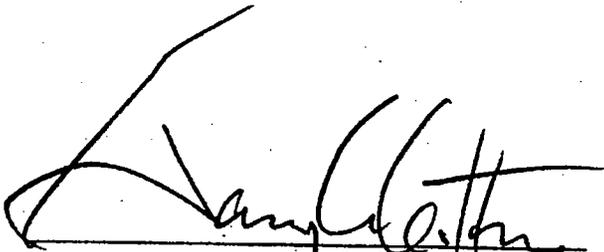
WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, BLDG 7-370, COLS. T4 AND R9, EVERETT, WA, 98201

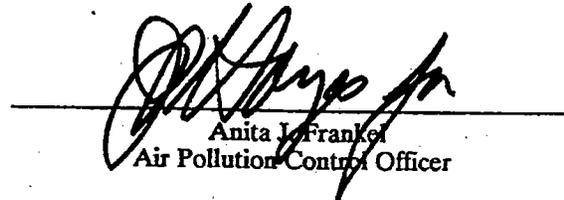
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HARRY A. WATTERS
Reviewing Engineer

HW



Anita J. Frankel
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of
Construction No. 3387
Date **DEC 13 1989**

One Precision PS-22 Silkscreen Printline printer with integral chiller, conveyor and 5-chamber dryer (Precision M60/61 Ink Dryer with 5 stacks at 2000 cfm each) at 10,000 cfm total, located at Bldg 40-56, Col C-1.

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707 MS OH-24
SEATTLE WA 98124-2207

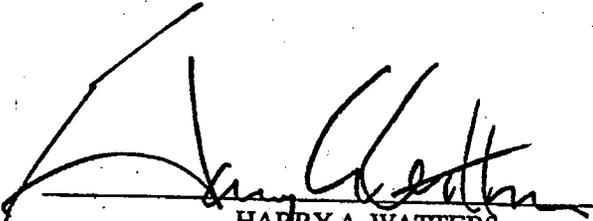
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707 MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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HARRY A. WATTERS
Reviewing Engineer
HW


Anita J. Frankel
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of
Construction No. 3388

Date **DEC 13 1989**

Two Tetko-Zentner 4500 Silkscreen Washers at 52 gpm each, located at Bldg 40-56, Col C-2.

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BOEING COMMERCIAL AIRPLANE (EVERETT)

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707 MS OH-24

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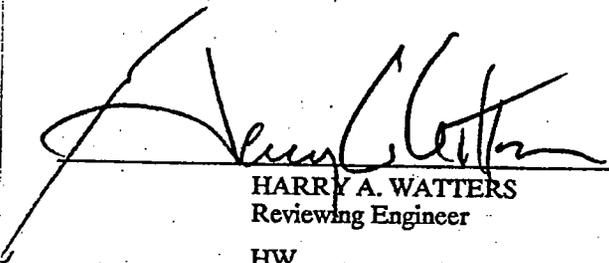
WA 98124-2207

INSTALLATION ADDRESS

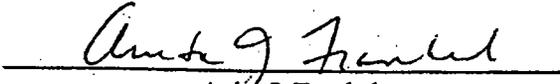
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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HARRY A. WATTERS
Reviewing Engineer

HW


Anja J. Frankel
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3397

Date MAY 22 1995

One Binks ET7-16-8-T-LH EnvirTech Water Wash Spray Booth at 16,800 cfm and 508 gpm in Bldg 45-70, Col P-16.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

SEATTLE

WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

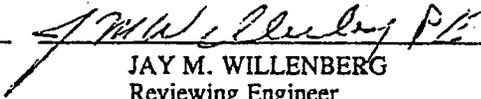
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 3397 issued to correct building number hereby supersedes and cancels Order of Approval No. 3397 dated Jan 25, 1990.

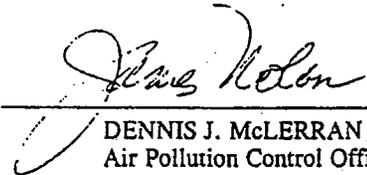


ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 3397

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Date JAN 25 1990

One Binks ET7-16-8-T-LH EnvirTech Water Wash Spray Booth at 16,800 cfm and 508 gpm in Bldg 07-370, Col P-16.

MAX C. PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707 MS OH-24
SEATTLE WA 98124-2207

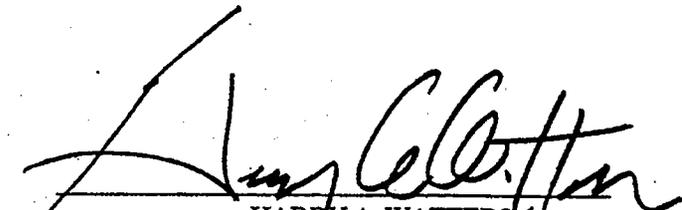
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N SEATTLE WA 98124-2207
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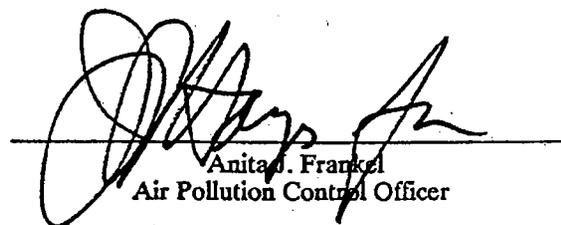
INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer
HW


Anita J. Frankel
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of Construction No. 3399

Date MAY 12 1995

One Binks Dry Filter Spray Booth located in Bldg 45-70, Column P-15.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

SEATTLE

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

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WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

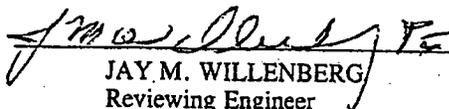
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval issued to revise process description hereby supersedes and cancels Order of Approval No. 3399 dated Dec 20, 1989.

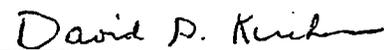


ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of
Construction No. 3399

Date DEC 20 1989

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

One Binks WE-20-8-T-LH Dynaprecipitor Water Wash Adhesive Spray Booth at 25,000 cfm and 585 gpm located in Bldg 07-370,
Column R-1.

MAX C. PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707 MS OH-24
SEATTLE WA 98124-2207

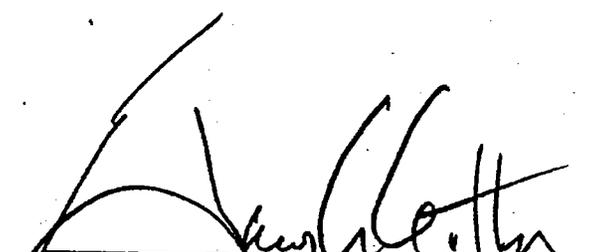
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707 MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

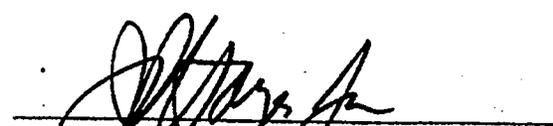
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I or II, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.



HARRY A. WATTERS
Reviewing Engineer
HW



Anita J. Frankel
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3446

Date MAR 20 1990

One SE6-50X So-Low Freezer Alcohol Chill Tank (45 gallon) at 2400 cfm in Bldg 40-31, Col. Bc-16.5.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707 MS OH-24

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (EVERETT)

N PO BOX 3707 MS OH-24

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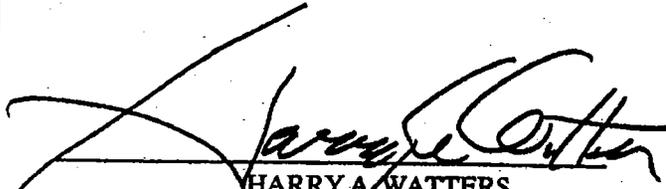
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INSTALLATION ADDRESS

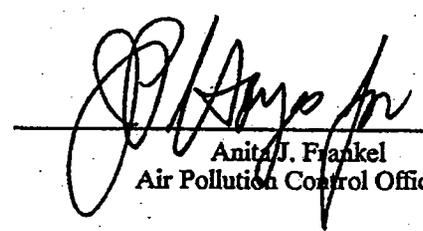
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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HARRY A. WATTERS
Reviewing Engineer

HAW


Anita J. Frankel
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3447

Date **OCT 12 1990**

Three Williams White & Co 1500 Ton Compression Moulding Hydraulic Presses at 5300 cfm each, located in Bldg 40-56,
at Columns CC-3, CC-5, and CC-6.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)

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SEATTLE WA 98124-2207

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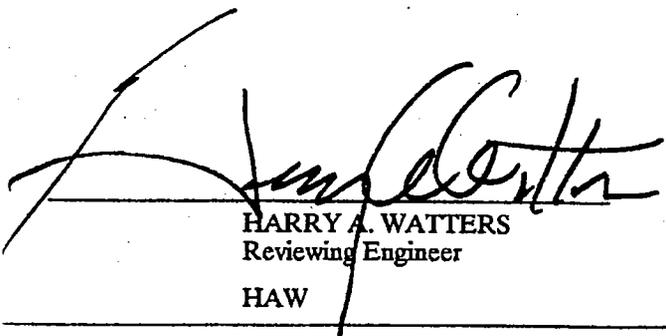
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INSTALLATION ADDRESS

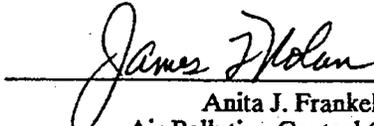
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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HARRY A. WATTERS
Reviewing Engineer

HAW


Anita J. Frankel
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of
Construction No. 3513

Date MAY 24 1990

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

One Dry Rack/Tubes with Exhaust Hood at 9,900 cfm, in Bldg 40-02, Col A-17.

MAX PAHMEIER

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PO BOX 3707 MS OH-24
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PO BOX 3707 MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer
HAW


Anita J. Frankel
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 3530

Date

JUN 01 1990

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Three 680 MBH Oven Systems Inc Paint Cure Ovens in Bldg 40-02, Col A-14, A-16, and B-15.

MAX PAHMEIER

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PO BOX 3707 MS OH-24
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707 MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


Anita J. Frankel
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3547

Date SEP 20 1995

One Binks Spray Booth rated at 16,000 cfm located in Bldg. 40-56, Col S-4.5, modified from a water wash filtration system to a dry filter system.

C E MORRIS, ENVIRONMENTAL ENGINEER

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 3547, issued to modify spray booth from water wash to dry filter, hereby supersedes and cancels Order of Approval No. 3547 dated Jun 14, 1990.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

J M Wilenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. McLerran

for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of Construction No. 3547

Date JUN 14 1990

One Binks WE-16-8-T-LH Water Wash Spray Booth at 16,000 cfm and 508 gpm in Bldg 40-56, Col S-4.5.

MAX PAHMEIER

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PO BOX 3707 MS OH-24
SEATTLE WA 98124-2207

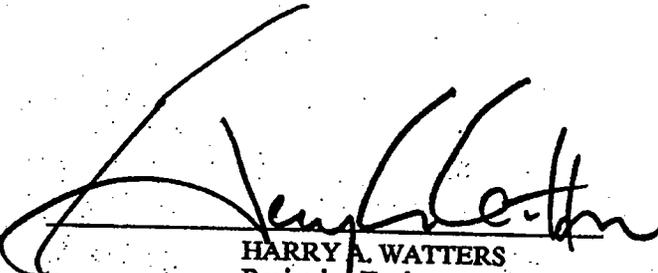
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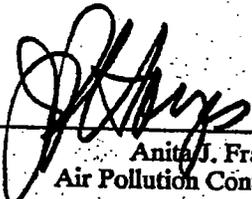
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


Anita J. Frankel
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 3548

Date JUL 17 1990

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

One Binks WE-20-8-T-LH Water Wash Spray Booth at 21,000 cfm and 585 gpm in Bldg 40-56, Col H5-3.

MAX PAHMEIER

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PO BOX 3707 MS OH-24
SEATTLE WA 98124-2207

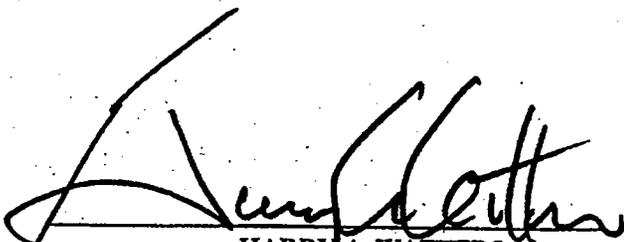
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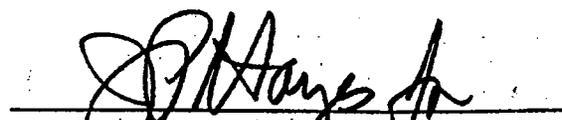
INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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HARRY A. WATTERS
Reviewing Engineer
HAW


Anita J. Frankel
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3557

Date AUG 03 1990

One Binks CWE-14-12-T-LH Water Wash Spray Booth at 16,600 cfm and 452 gpm in Bldg 40-56, Col H-2.

MAX PAHMEIER

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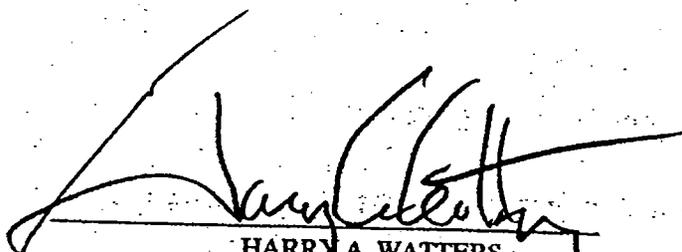
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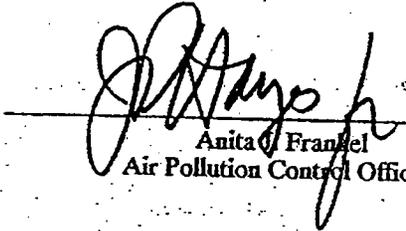
INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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HARRY A. WATTERS
Reviewing Engineer
HAW


Anita G. Frankel
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3558

Date JUN 21 1990

One Solvent Wipe Down Exhaust Hood at 8000 cfm in Bldg 40-56, Col H-1.5.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)

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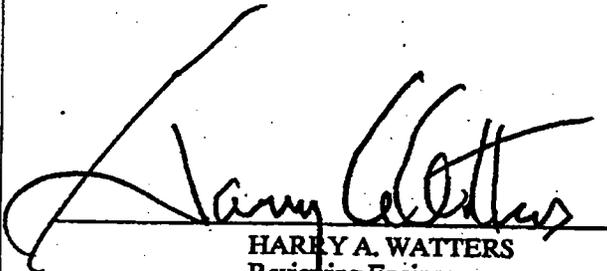
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INSTALLATION ADDRESS

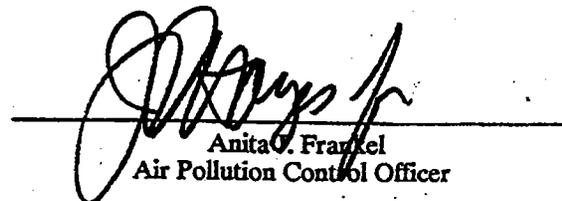
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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HARRY A. WATTERS
Reviewing Engineer

HAW


Anita O. Frankel
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of Construction No. 3685

Date NOV 21 1990

One Corrosion Inhibiting Compound (CIC) Overspray Control System at 20,000 cfm with primary and secondary filters in three filter boxes for the fuselage section at the 767 Join & Installation Position 15FME 140T0110, Bldg 40-24, Col I-7.

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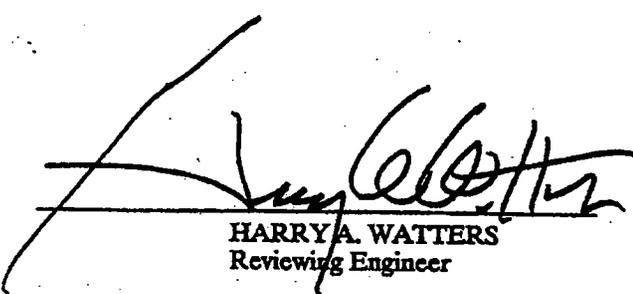
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INSTALLATION ADDRESS

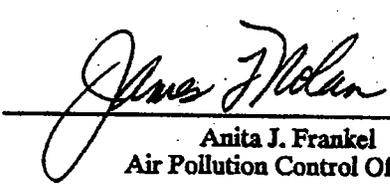
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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HARRY A. WATTERS
Reviewing Engineer

HAW


Anita J. Frankel
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3734

Date DEC 31 1990

One 17x12x18 Despatch Curing Oven at 1000 cfm in Bldg 40-56, Col M-1.5.

MAX PAHMEIER

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SEATTLE WA 98124-2207

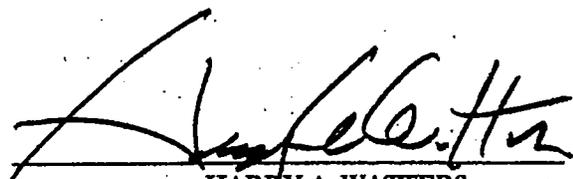
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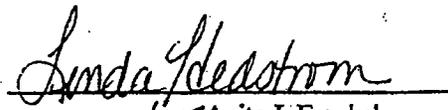
INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 1003 W CASINO RD, EVERETT, WA, 98201

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HARRY A. WATTERS
Reviewing Engineer
HAW


for Anita J. Frankel
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3747

Date JAN 15 1991

One 1200 Ton Williams White & Co Compression Molding Press to make interior panels from honeycomb core and prepreg,
located in Bldg 40-56, Col Bb-6.

MAX PAHMEIER

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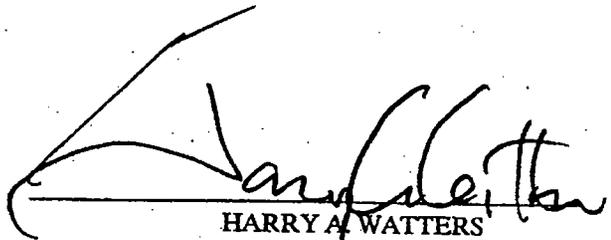
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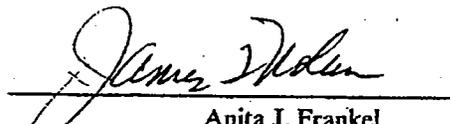
INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 1003 W CASINO RD, EVERETT, WA, 98201

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HARRY A. WATTERS
Reviewing Engineer
HAW


Anita J. Frankel
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3763

Date MAY 22 1995

One Bldg 45-04 Downdraft Paint Hangar with 10 fans at 46,600 cfm (466,000 cfm total) and a two-stage dry filter.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
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INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

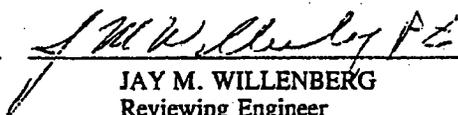
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall provide 156 tons/year of VOC emission offset as required by the PSD permit for this paint hangar.
5. Boeing shall annually submit records to demonstrate compliance with condition #4 of NC3763.
6. This Order of Approval No. 3763 issued to amend description hereby supersedes and cancels Order of Approval No. 3763 dated May 29, 1991.



ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3763

Date MAY 29 1991

One Bldg 45-04 Downdraft Paint Hangar with eight 50,000 cfm fans (400,000 cfm total) and a two-stage dry filter.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

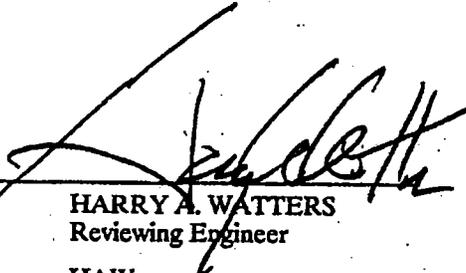
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall provide 156 tons/year of VOC emission offset as required by the PSD permit for this paint hangar.
5. Boeing shall annually submit records to demonstrate compliance with condition #4 of NC3763.


HARRY A. WATTERS
Reviewing Engineer

HAW


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3812

Date MAR 20 1991

One Precision PS-22 Silkscreen Print Line with five drying chambers, each at 2000 cfm, in Bldg 40-56, Col C-2.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

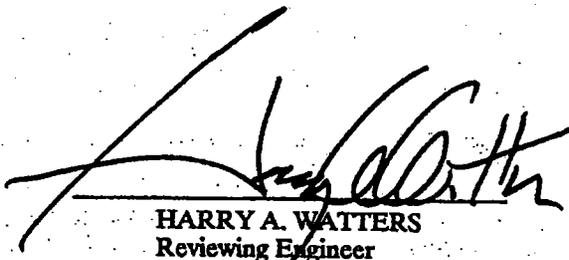
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

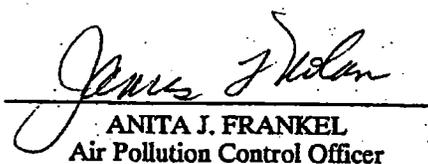
BOEING COMMERCIAL AIRPLANE (EVERETT), 1003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3827

Date APR 08 1991

One CIBA-Geigy PCA-250 UV Curing Oven at 240 cfm in Bldg 07-122, Column E-6.

MAX PAHMEIER

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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

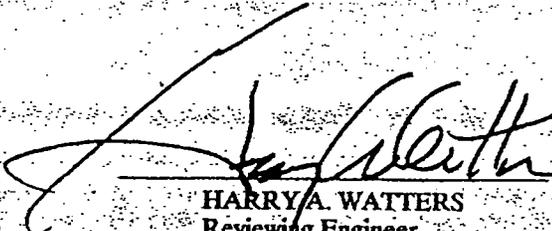
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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

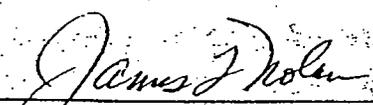
INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 1003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer
HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3835

Date APR 09 1991

One Precision PS 22 Silkscreen Print Line with five drying chambers at 2000 cfm each in Bldg 40-56, Column B-2.
This unit will replace the first (#1) Silkscreen Print Line in Bldg 40-56 (NC2042) and has an EDC of 1/2/93.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

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PO BOX 3707, MS OH-24

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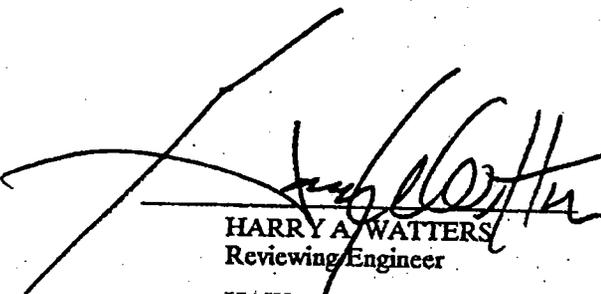
WA 98124-2207

INSTALLATION ADDRESS

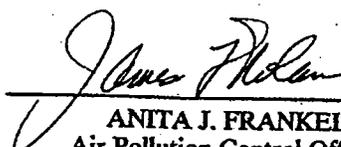
BOEING COMMERCIAL AIRPLANE (EVERETT), 1003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3836

Date APR 09 199

One Precision PS 22 Silkscreen Print Line with five drying chambers at 2000 cfm each in Bldg 40-56, Column D-2.
This unit will be the fifth (#5) Precision Silkscreen Print Line in Bldg 40-56, and has an EDC of 6/1/92.

MAX FAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

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PO BOX 3707, MS OH-24

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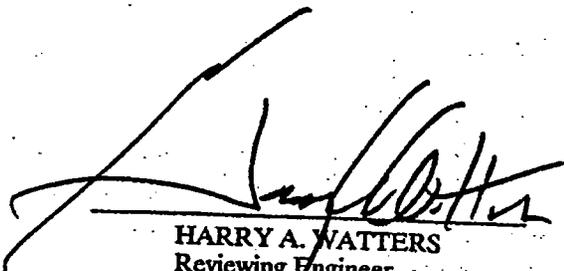
WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 1003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer
HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3863

Date MAY 22 1995

One NAPCO Tube Shop Tank Line with nineteen 4' dia. x 27' tanks, controlled by a VIRON VBS-48 Blower Scrubber at 5000 cfm. Tank line located in Bldg 40-02, Column A-4.

BARBARA THOMPSON MS OH-24

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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SEATTLE WA 98124-2207

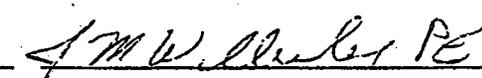
INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 3863 issued to amend description hereby supersedes and cancels Order of Approval No. 3863 dated Apr 30, 1991.


ABIGAIL C. LEE
Reviewing Engineer
MEJ


JAY M. WILLENBERG
Reviewing Engineer


DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3863

Date APR 30 1990

One NAPCO Tube Shop Tank Line with nineteen 4'dia.x27' tanks, controlled by a VIRON VBS-48 Blower Scrubber at 5400 cfm.
Tank line located in Bldg 40-02, Column A-4.

MAX PAHMEIER

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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

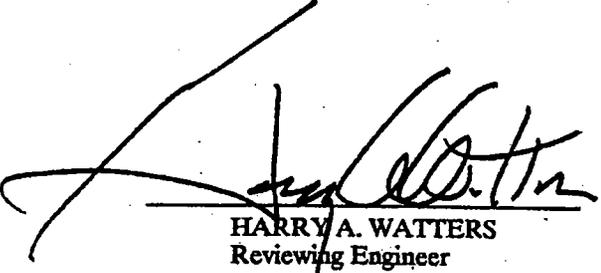
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 1003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of
Construction No. 3869

Date APR 30 1991

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

One Tetko-Zentner W-4500 Silkscreen Washer at 1100cfm in Bldg 40-56, Column E-1.

MAX PAHMEIER

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PO BOX 3707, MS OH-24
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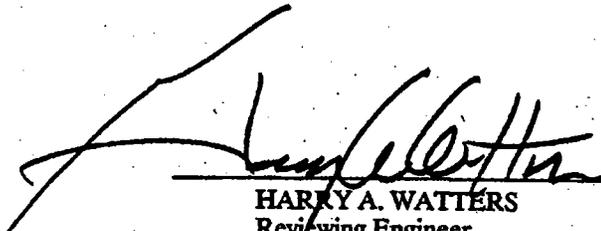
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 1003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3874

Date APR 30 1991

The 767 Final Body Join CIC (Corrosion Inhibiting Compound) Ventilation System with four filter boxes in Bldg 40-24.

MAX PAHMEIER

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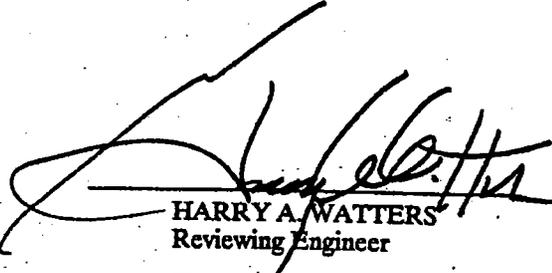
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 1003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3892

Date JUL 11 1991

Bldg 40-37 Clean, Seal, Test and Paint (CST&P) Facility with 25 spray booths or rooms, an oven, and two solvent cleaning benches are conceptually approved, based on the information available at the time of the PSD permit submittal, subject to the conditions of this NC3892 permit approval.

MAX PAHMEIER

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PO BOX 3707, MS OH-24
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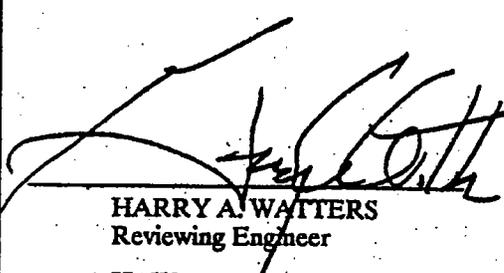
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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

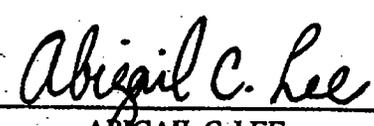
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

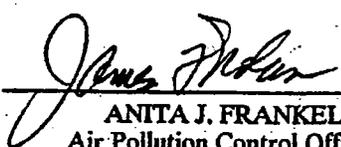
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall obtain specific NC permit(s) from PSAPCA (not subject to Section 6.08 of Regulation I) for the equipment conceptually approved under this NC permit and such equipment must employ BACT as determined at the time of that NC permit review.
5. Boeing shall offset the increase in VOC emissions of 166.9 TPY by 110% as required by the PSD permit conditions. The further NC permits required under condition #4 do not require further offsets, even if such NC permits are issued after 7/15/91.
6. Boeing shall not pressure test with ammonia more than two wings per day.


HARRY A. WATERS
Reviewing Engineer

HAW


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3913

Date MAY 22 1995

In Bldg 40-24, Col I-8/9, a Corrosion Inhibitor Compound Ventilation System with air filters (Columbia Supra II/Farr30/30) or equivalent at 20,000 cfm; System name: 767 J&I, BS 41-43, HS.

BARBARA THOMPSON MS OH-24

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INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. BCAG-Everett shall not emit 40 or more TPY of VOC from its CIC application to 747 and 767 aircraft, (Ref NC3913/3927). BCAG-Everett shall report this amount annually pursuant to Regulation I.
5. This Order of Approval No. 3913 issued to amend description hereby supersedes and cancels order of Approval No. 3913 dated Jul 10, 1991.

ABIGAIL C. LEE
Reviewing Engineer

MEJ

JAY M. WILLENBERG
Reviewing Engineer

DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3914

Date MAY 22 1995

In Bldg 40-24, Col I-5, a Corrosion Inhibitor Compound Ventilation System with air filters (Columbia Supra II/Farr30/30) or equivalent at 20,000 cfm; System name: 767 J&I, BS 46-48, 45.

MAX PAHMEIER

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PO BOX 3707, MS OH-24
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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

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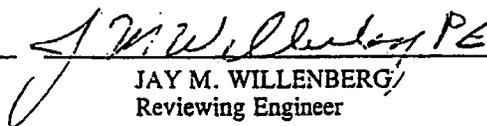
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

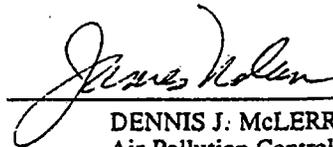
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 3914 issued to amend description hereby supersedes and cancels Order of Approval No. 3914 dated Jul 10, 1991.



ABIGAIL C. LEE
Reviewing Engineer
MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3915

Date MAY 22 1995

In Bldg 40-33, H-12/13, a Corrosion Inhibitor Compound Ventilation System with air filters (Columbia Supra II/Farr30/30) or equivalent at 24,550 cfm; System name: 767 WS & WBJ.

BARBARA THOMPSON

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

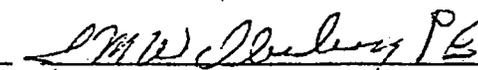
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 3915 issued to amend description hereby supersedes and cancels Order of Approval No. 3915 dated Jul 10, 1991.

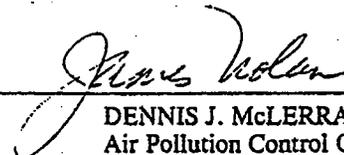


GAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3917

Date MAY 22 1995

In Bldg 40-23, Col F/G-6, a Corrosion Inhibitor Compound Ventilation System with air filters (Columbia Supra II/Farr30/30) or equivalent at 10,000 cfm; System name: 747 VF.

BARBARA J THOMPSON

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 3917 issued to amend description hereby supersedes and cancels Order of Approval No. 3917 dated Jul 10, 1991.

Abigail C Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg PE

JAY M. WILLENBERG
Reviewing Engineer

Dennis J. McLerran

DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3918

Date MAY 22 1995

In Bldg 40-23, Col I-6, a Corrosion Inhibitor Compound Ventilation System with air filters (Columbia Supra II/Farr30/30) or equivalent at 8,000 cfm; System name: 747 HS.

BARBARA THOMPSON

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

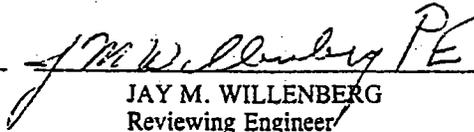
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 3918 issued to amend description hereby supersedes and cancels Order of Approval No. 3918 dated Jul 10, 1991.

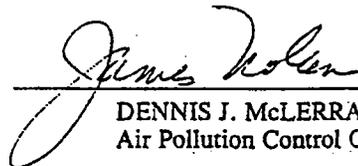


ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3919

Date MAY 22 1995

In Bldg 40-22, E/F-11, a Corrosion Inhibitor Compound Ventilation System with air filters (Columbia Supra II/Farr30/30) or equivalent at 35,200 cfm; System name: 747 J&I, BS 41 East & West.

BARBARA J THOMPSON

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 3919 issued to amend description and location hereby supersedes and cancels Order of Approval No. 3919 dated Jul 10, 1991.

Abigail C. Lee

ABGAIL C. LEE
Reviewing Engineer

MEJ

J M Wilenberg PE

JAY M. WILLENBERG
Reviewing Engineer

Dennis J. McLerran

DENNIS J. McLERRAN
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of

Construction No. 3920

Date MAY 22 1995

In Bldg 40-22, E/F-10/11, a Corrosion Inhibitor Compound Ventilation System with air filters (Columbia Supra II/Farr30/30) or equivalent at 55,500 cfm; System name: 747 J&I, BS 41-42, NE.

BARBARA J THOMPSON

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

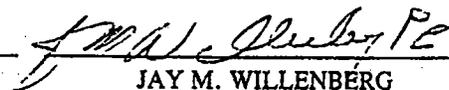
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 3920 issued to amend description hereby supersedes and cancels Order of Approval No. 3920 dated Jul 10, 1991.



ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3921

Date MAY 22 1995

In Bldg 40-22, E/F-9, a Corrosion Inhibitor Compound Ventilation System with air filters (Columbia Supra II/Farr30/30)
or equivalent at 56,500 cfm System name: 747 J&I, BS 41-42, CE.

BARBARA J THOMPSON

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

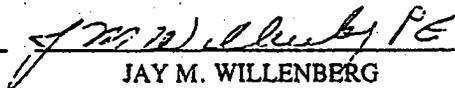
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 3921 issued to amend description hereby supersedes and cancels Order of Approval No. 3921 dated Jul 10, 1991.

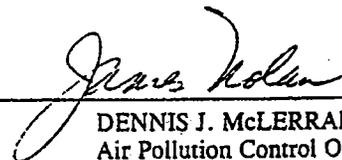


ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3922

Date MAY 22 1995

In Bldg 40-23, F/G-10/11, a Corrosion Inhibitor Compound Ventilation System with air filters (Columbia Supra II/Farr30/30) or equivalent at 35,500 cfm; System name: 747 J&I, BS 46-48 NW and 46-48 NE.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

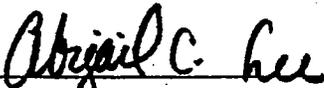
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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

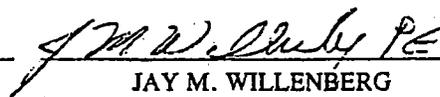
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 3922 issued to amend description hereby supersedes and cancels Order of Approval No. 3922 dated Jul 10, 1991.



BIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3924

Date MAY 22 1995

In 40-22, D-9/10, a Corrosion Inhibitor Compound Ventilation System with Columbia Supra II/Farr30/30, or equivalent, filters at 33,400 cfm; System name: 747 WBJ, West.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

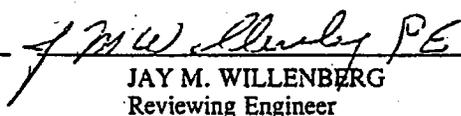
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 3924 issued to amend location and description hereby supersedes and cancels Order of Approval No. 3924 dated Jul 10, 1991.

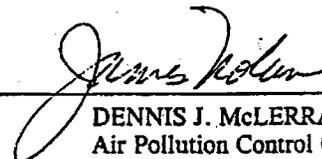


ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3926
MAY 22 1995

Date _____

In 40-22, D-6/8, a Corrosion Inhibitor Compound Ventilation System with Columbia Supra II/Farr30/30, or equivalent, filters at 18,000 cfm; System name: 747 FBJ, West.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

SEATTLE

WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

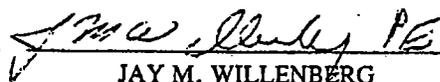
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 3926 issued to amend location and description hereby supersedes and cancels Order of Approval No. 3926 dated Jul 10, 1991.

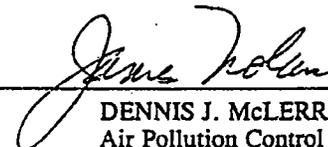


GAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3953

Date JUN 14 1991

One 1000 ton Wm White Crushed Core Hydraulic Press exhausted at 5300 cfm in Bldg 40-56, Col Bb-6.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

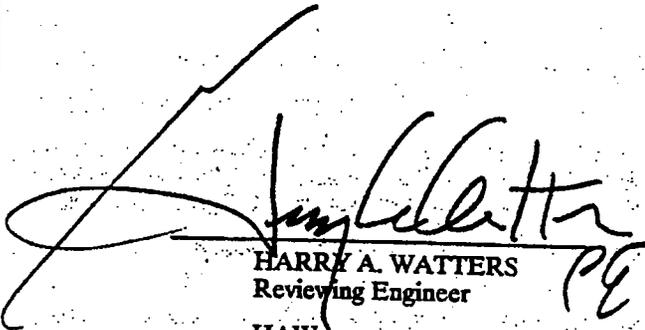
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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

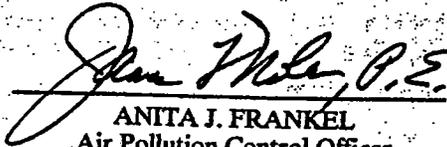
INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer
HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 3954

Date JUN 14 1991

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

One 1000 ton Wm White Crushed Core Hydraulic Press exhausted at 5300 cfm in Bldg 40-56, Col Bb-6.5.

MAX PAHMEIER

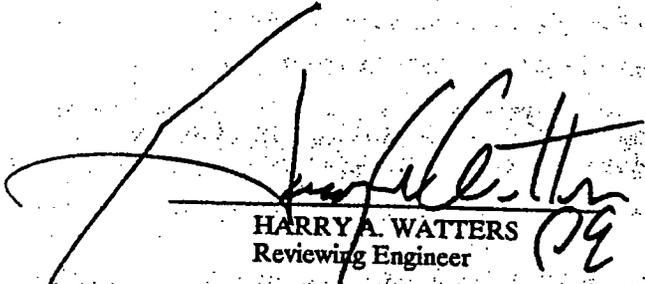
A P P L I C A N T	BOEING COMMERCIAL AIRPLANE (EVERETT)	O BOEING COMMERCIAL AIRPLANE (EVERETT)
	PO BOX 3707, MS OH-24	W PO BOX 3707, MS OH-24
	SEATTLE WA 98124-2207	N SEATTLE WA 98124-2207
		R SEATTLE WA 98124-2207

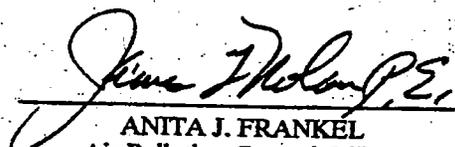
INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer
HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3955

Date JUN 14 1991

One 1000 ton Wm White Crushed Core Hydraulic Press exhausted at 5300 cfm in Bldg 40-56, Col Bb-7.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

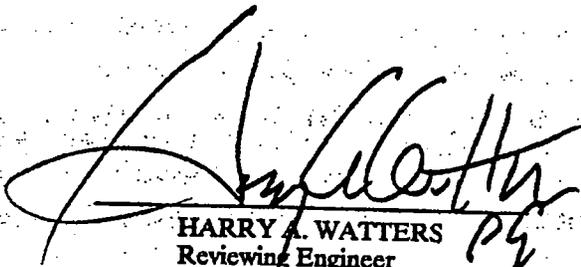
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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

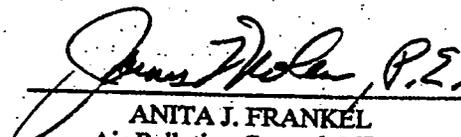
INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer
HAW


ANITA J. FRANKEL
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3956

Date JUN 14 1991

One 1000 ton Wm White Crushed Core Hydraulic Press exhausted at 5300 cfm in Bldg 40-56, Col Bb-7.5.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

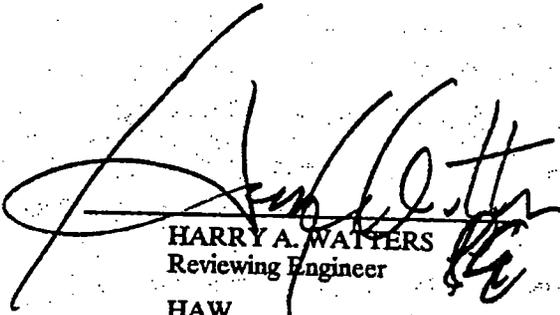
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

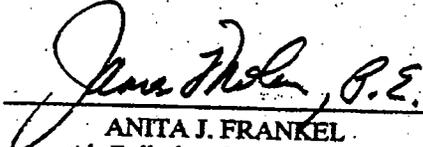
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 3979

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

~~JUL 12 1991~~

One Minster S2-100-84-30 Perforating Press at 7400 cfm in Bldg 40-56, Col k-1.5.

MAX PAHMEIER

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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

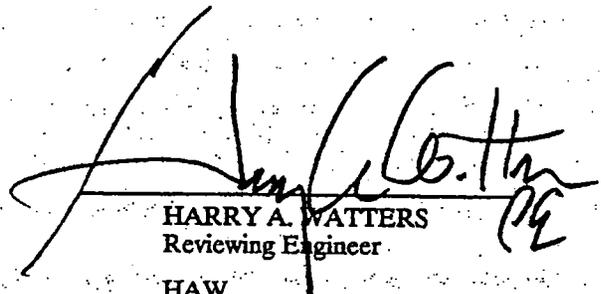
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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

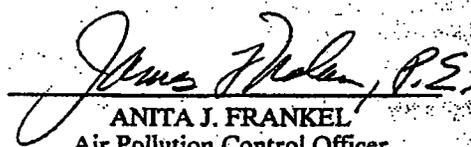
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3980

Date JUL 12 1991

One Minster S2-100-84-30 Perforating Press at 7400 cfm in Bldg 40-56, Col k-2.5.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (EVERETT)

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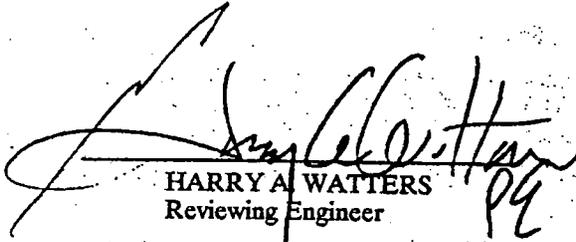
R WA 98124-2207

INSTALLATION ADDRESS

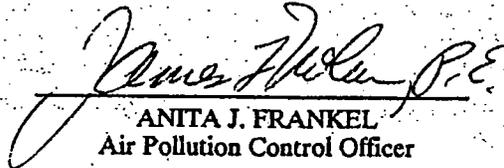
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3986

Date APR 25 1995

In Bldg 40-56, Col M-6: one Binks (or DeVilbiss) 20'x10'x8' Spray Booth with dry filter system at 20,000 cfm.

BARBARA THOMPSON MS OH-24

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 3986, issued to correct "water curtain" to "dry filter" filtration system type, hereby cancels and supersedes Order of Approval No. 3986 dated Jul 22, 1991.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg
JAY M. WILLENBERG
Reviewing Engineer

David D. Kehler

for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3987

Date APR 25 1995

In Bldg 40-56, Col G-10: one Binks (or DeVilbiss) 20'x10'x8' Spray Booth with dry filter system at 20,000 cfm.

BARBARA THOMPSON MS OH-24

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

SEATTLE

WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 3987, issued to correct "water curtain" to "dry filter" filtration system type, hereby cancels and supersedes Order of Approval No. 3987 dated Jul 22, 1991.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg
JAY M. WILLENBERG
Reviewing Engineer

David D. Kirsch

for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3988

Date APR 25 1995

In Bldg 40-56, Col M-7.1: one Binks (or DeVilbiss) 16'x7'x6' Spray Booth with dry filter system at 20,000 cfm.

BARBARA THOMPSON MS OH-24

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

SEATTLE

WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 3988, issued to correct "water curtain" to "dry filter" filtration system type, hereby cancels and supersedes Order of Approval No. 3988 dated Jul 22, 1991.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Wilenberg
JAY M. WILLENBERG
Reviewing Engineer

David D. McLerran

for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3989

Date APR 25 1995

In Bldg 45-70, Col P.5-15.8: one Binks (or DeVilbiss) 16'x16'x7' Spray Booth with dry filter system at 20,000 cfm.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 3989, issued to correct "water curtain" to "dry filter" filtration system type, hereby cancels and supersedes Order of Approval No. 3989 dated Jul 22, 1991.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer
MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Kuhl

for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3990

Date MAY 22 1995

In Bldg 40-56, Col H-3: one Binks (or DeVilbiss) 9'x16'x7' Spray Booth with dry filter system at 7,000 cfm.

BARBARA THOMPSON MS OH-24

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

SEATTLE

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O BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

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WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

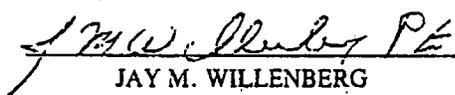
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 3990 issued to amend location and description hereby supersedes and cancels Order of Approval No. 3990 dated Jul 22, 1991.

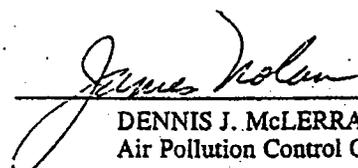


BIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3992

Date APR 25 1995

In Bldg 40-56, Col J.5-7: one Binks (or DeVilbiss) 16'x16'x7' Spray Booth with dry filter system at 20,000 cfm.

BARBARA THOMPSON MS OH-24

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 3992, issued to correct "water curtain" to "dry filter" filtration system type, hereby cancels and supersedes Order of Approval No. 3992 dated Jul 22, 1991.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer
MEJ

Jay M. Willenberg
JAY M. WILLENBERG
Reviewing Engineer

David D. Kuehn

for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3996

Date MAY 12 1995

In Bldg 45-70, Col S-5: one Bleeker Bros. 16'x7'x6' Spray Booth with dry filters at 13,125 cfm.

BARBARA THOMPSON MS OH-24

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

SEATTLE WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

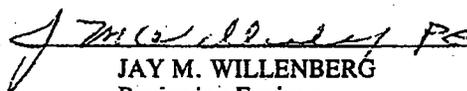
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval issued to revise process description hereby supersedes and cancels Order of Approval No. 3996 dated Sep 4, 1991.

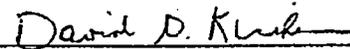


ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3997

Date APR 25 1995

In Bldg 45-70, Col V-1: one Binks (or DeVilbiss) 16'x7'x6' Spray Booth with dry filter system at 20,000 cfm.

BARBARA THOMPSON MS OH-24

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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 3997, issued to correct "water curtain" to "dry filter" filtration system type, hereby cancels and supersedes Order of Approval No. 3997 dated Sep 4, 1991.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer
MEJ

Jay M. Wilenberg
JAY M. WILLENBERG
Reviewing Engineer

David D. Klier
for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 3999

Date JUN 16 1998

One Binks CWE-14-12-T-LH, 15' X 13' X 12', Dry Filter Spray Coating Booth rated at 15,000 cfm, located in Bldg 40-56,
Col B-4.

FRANK MIGAILO/TERRI LORDS

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

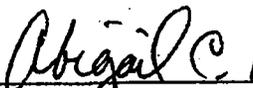
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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

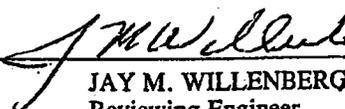
BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

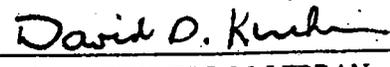
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing (Everett) shall install and maintain a gauge to measure the pressure drop across the exhaust filters of the spray booth. Within 90 days after the date of this Order of Approval. The acceptable range for the gauge shall be clearly marked on or nearby the gauge.
4. Once each week that the spray booth is used, Boeing (Everett) shall determine and record if the pressure drop across the exhaust filters is in the acceptable range.
5. If the pressure drop is not within the acceptable range, Boeing (Everett) shall take corrective action as specified in the facility's Operation and Maintenance Plan.
6. This Order of Approval No. 3999, issued to convert spray booth from water wash to dry filter, hereby supersedes and cancels Order of Approval No. 3999 dated Sep 4, 1991.


ABIGAIL C. LEE
Reviewing Engineer

MEJ


JAY M. WILLENBERG
Reviewing Engineer


for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4006

Date MAY 22 1995

One Clean, Seal & Paint (CS&P) Wing Stub Oven, 35'x25'x30', at 55,000 CFM in Bldg 40-33, Col G.5-14.

BARBARA THOMPSON MS OH-24

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

SEATTLE

WA 98124-2207

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

SEATTLE

WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

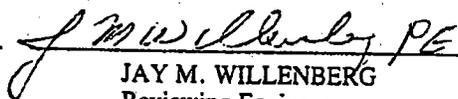
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 4006 issued to amend description hereby supersedes and cancels Order of Approval No. 4006 dated Aug 6, 1991.

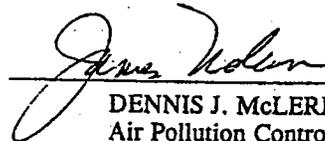


ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 4013

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Date Jul 22 1991

One Fjellman 6-Opening Multi-Opening Press, 144"x72"x160", vented at 20,000 cfm in Bldg 40-56, Col G-1.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

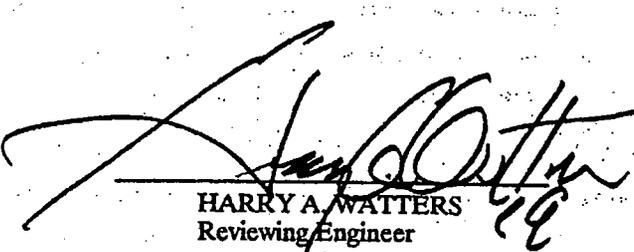
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

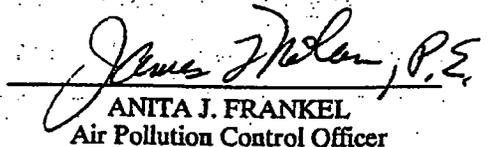
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4015

Date JUL 22 1991

One Pacific (WIW, SI, or WW) 6-Opening Multi-Opening Press vented at 20,000 cfm in Bldg 40-56, Col H-7.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

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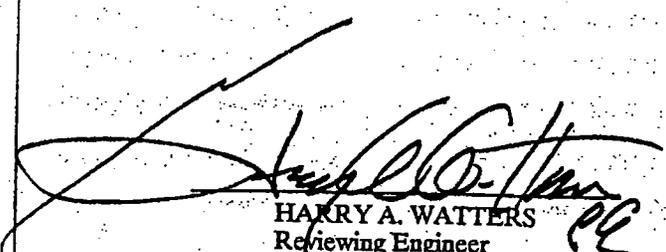
WA 98124-2207

INSTALLATION ADDRESS

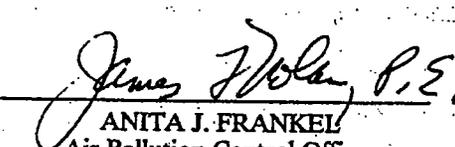
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4016

Date JUL 22 1991

One Pacific (WTW, SI, or WW) 12-Opening Multi-Opening Press vented at 20,000 cfm in Bldg 40-56, Col G.5-1.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

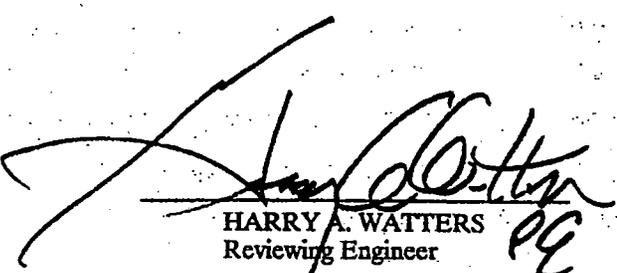
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4018

Date JUL 22 1991

One Despatch 17'x12'x18' Curing Oven at 1000 cfm in Bldg 40-56, Col G-6.8.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

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PO BOX 3707, MS OH-24

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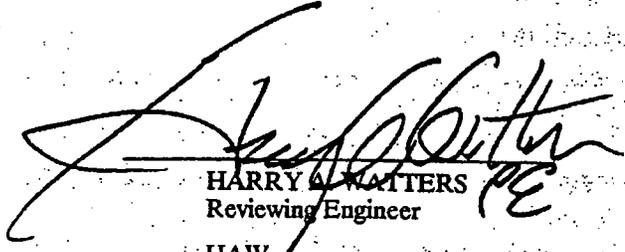
WA 98124-2207

INSTALLATION ADDRESS

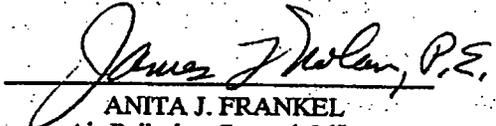
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4019

Date JUL 22 1991

One Despatch 17'x12'x18' Curing Oven at 1000 cfm in Bldg 40-56, Col G-7,

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

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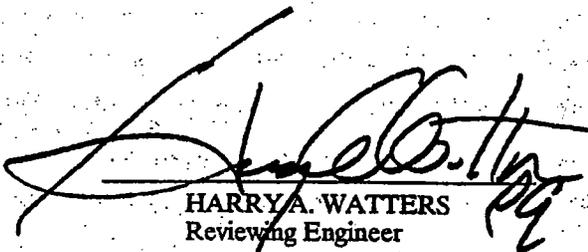
WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

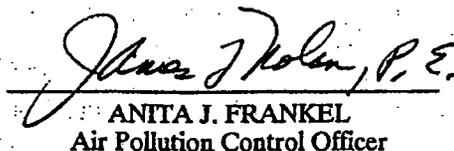
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.



HARRY A. WATTERS
Reviewing Engineer

HAW



ANITA J. FRANKEL
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4020

Date JUL 22 1991

One Despatch 17'x12'x18' Curing Oven at 1000 cfm in Bldg 40-56, Col L-6.5.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

SEATTLE

WA 98124-2207

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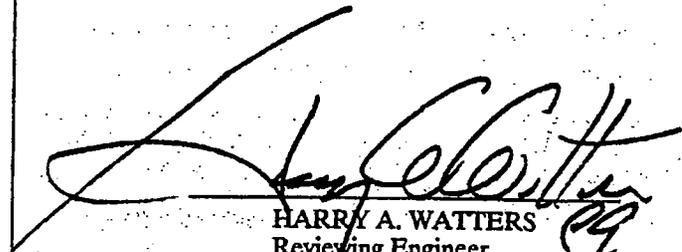
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INSTALLATION ADDRESS

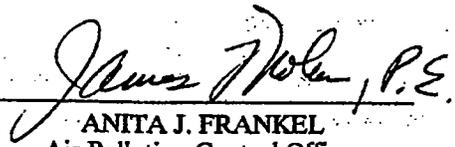
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4024

Date JUL 22 1991

One Interim Hazardous Waste Minimization Facility with shredders, crushers (can, drum, & oil filter), compactors, still, can washer and conveyors vented at 4800 cfm in the NE corner of Bldg 40-15.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

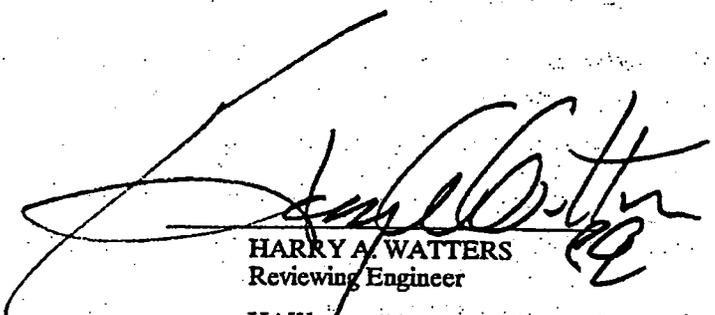
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4028

Date JUL 22 1991

One Precision PS 22 Silkscreen Printline at 10,000 cfm (five fans at 2000 cfm each) in Bldg 40-56, Col E-2.5.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

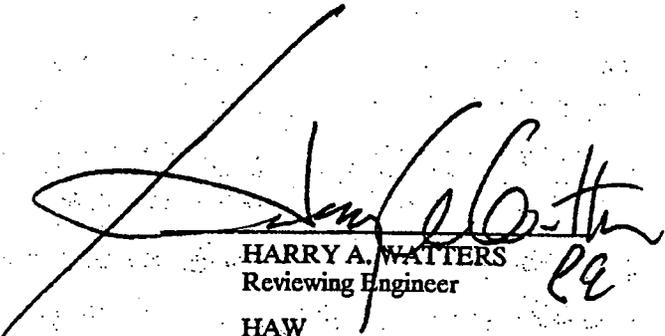
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4075

Date DEC 31 1991

One CIC (Corrosion Inhibiting Compound) Portable Ventilating System at 35,000 cfm in Bldg 40-25, Col L/M-8 (777 FBJ)

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

SEATTLE

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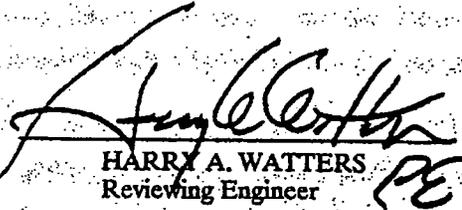
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INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall provide VOC offsets as required by its PSD permit from Ecology.


HARRY A. WATTERS
Reviewing Engineer

HAW


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4076

Date DEC 31 1991

One CIC (Corrosion Inhibiting Compound) Portable Ventilating System at 35,000 cfm in Bldg 40-26, Col N/O-8 (777 FBJ)

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

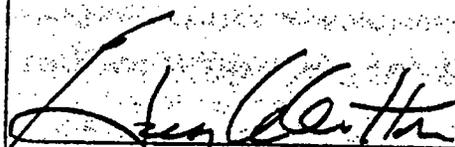
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

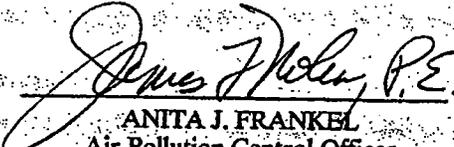
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA. 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall provide VOC offsets as required by its PSD permit from Ecology.


HARRY A. WATTERS
Reviewing Engineer PE


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

HAW

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 4088

Date **SEP 11 1991**

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

One 10'x4'x8' Bleeker Bros Spray Booth at 5000 cfm as a silkscreen squeegee wash box in Bldg 40-56, Col D-1.3.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

SEATTLE WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

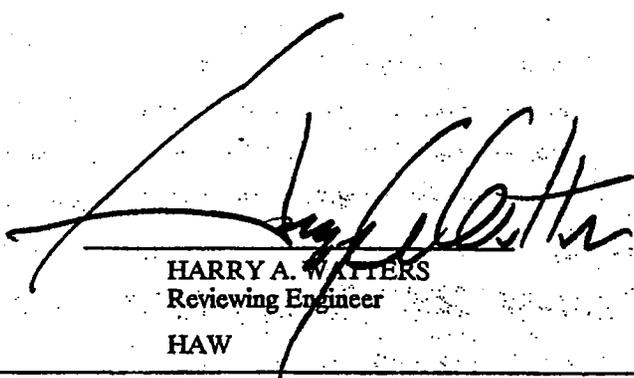
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

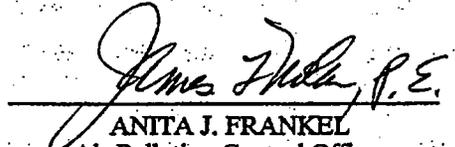
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 4098

Date NOV 08 1991

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

One Excimer Laser Wire Marking System with Lumonics Dry Scrubber at 400 cfm in Bldg 40-30, H.3-16.6 2nd Floor.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

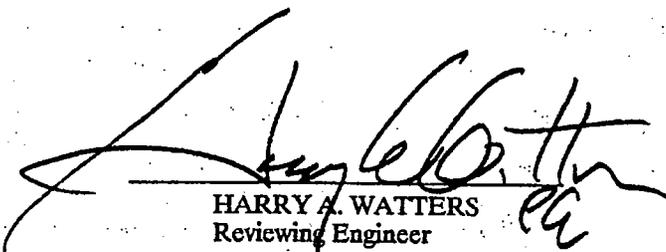
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer
HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 4099

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Date NOV 08 1991

One Excimer Laser Wire Marking System with Lumonics Dry Scrubber at 400 cfm in Bldg 40-30, H.7-16.5 2nd Floor.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

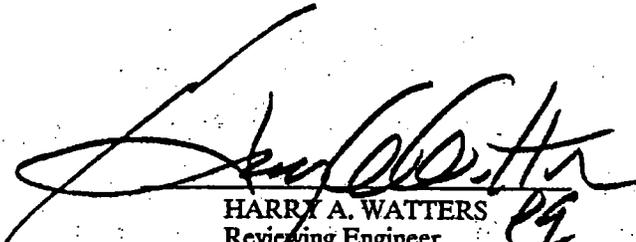
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

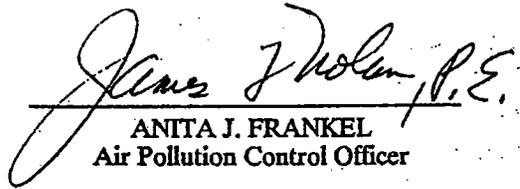
INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer
HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of
Construction No. 4100

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

NOV 08 1991

One Excimer Laser Wire Marking System with Lumonics Dry Scrubber at 400 cfm in Bldg 40-30, H.9-16.7 2nd Floor.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

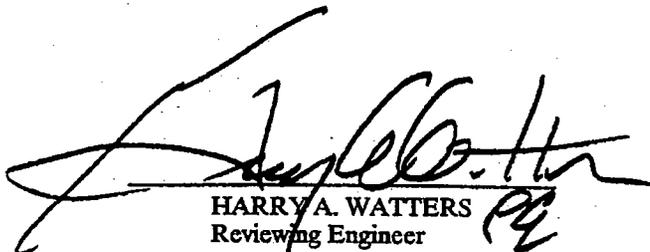
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer
HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 4101

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Date NOV 08 1991

One Excimer Laser Wire Marking System with Lumonics Dry Scrubber at 400 cfm in Bldg 40-30, H-16.4, 2nd Floor.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

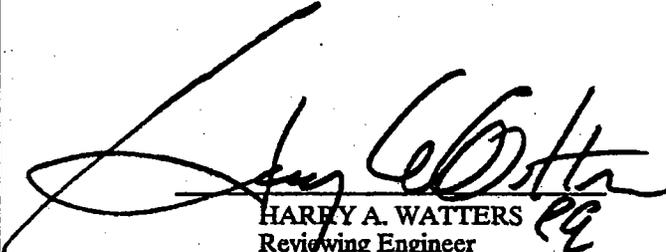
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

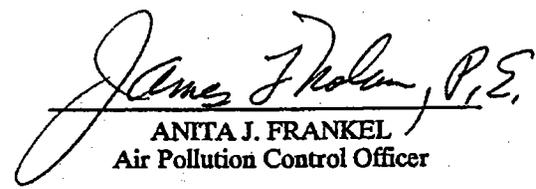
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 4102

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

NOV 08 1991

One Excimer Laser Wire Marking System with Lumonics Dry Scrubber at 400 cfm in Bldg 40-30, I-16.6, 2nd Floor.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

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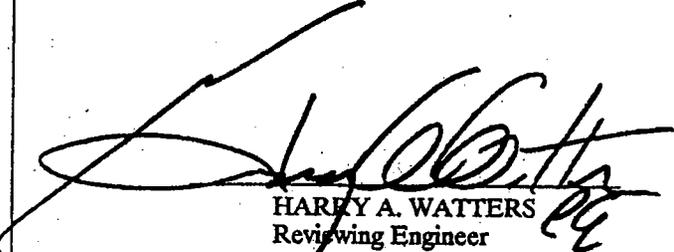
WA 98124-2207

INSTALLATION ADDRESS

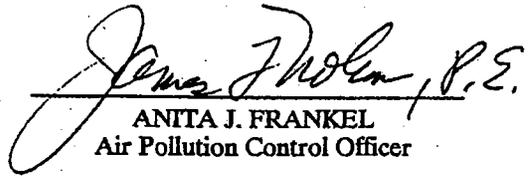
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 4103

Date NOV 08 1991

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

One Excimer Gas Handling System with vented gas cylinder cabinet & adsorber at 400 cfm in Bldg 40-30, G.7-16.6 2nd Floor.

MAX FAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

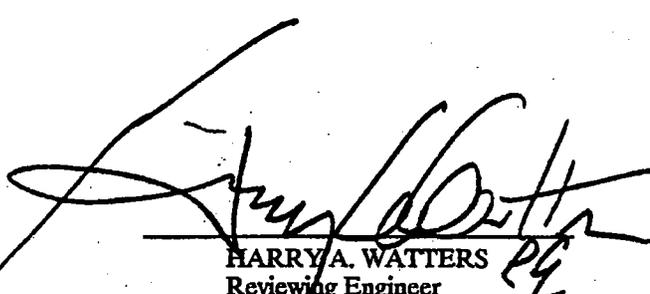
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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

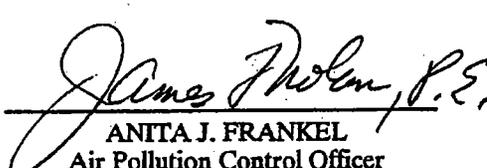
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4104

Date NOV 08 199

One Excimer Gas Handling System with vented gas cylinder cabinet & adsorber at 400 cfm in Bldg 40-30, G.7-16.7 2nd Floor.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

SEATTLE

WA 98124-2207

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

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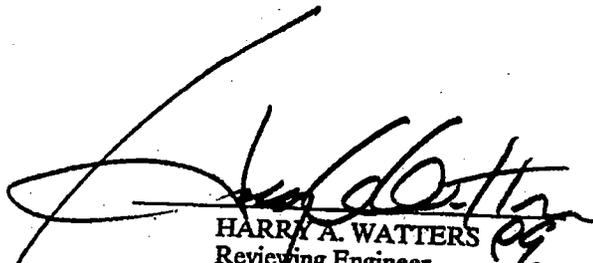
WA 98124-2207

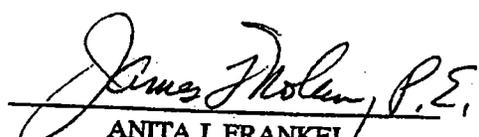
INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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HARRY A. WATERS
Reviewing Engineer
HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4107
Date OCT 16 1991

One J.B.I. Model DB-127 Spray Booth for Frekote cleaning of Tools in Bldg 40-56, D.9-4.1.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

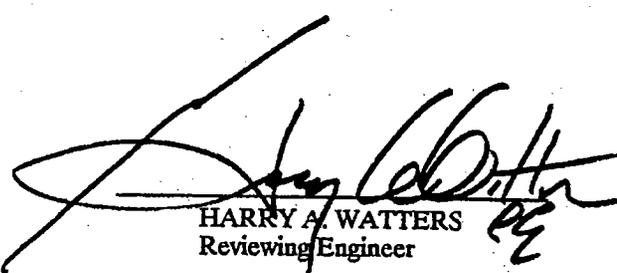
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 4119

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Date JAN 03 1992

One 777 Wing Panel CS&P (Clean, Seal & Paint) Facility #1, 150'x10'x30', 84 panels/yr, at 60,000 cfm with two stage air filters in Bldg 40-34.

STEVEN C LEES

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

SEATTLE

WA 98124-2207

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W PO BOX 3707, MS OH-24

N SEATTLE

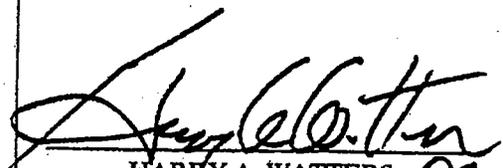
WA 98124-2207

INSTALLATION ADDRESS

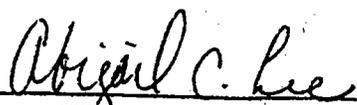
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

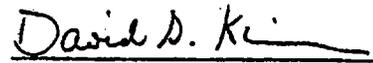
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall provide VOC offsets as required by its PSD permit from Ecology.


HARRY A. WATTERS
Reviewing Engineer

HAW


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4120

Date JAN 03 1992

One 777 Wing Panel CS&P (Clean, Seal & Paint) Facility #2, 150'x10'x30', 84 panels/yr, at 60,000 cfm with two stage air filters in Bldg 40-34.

STEVEN C LEES

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

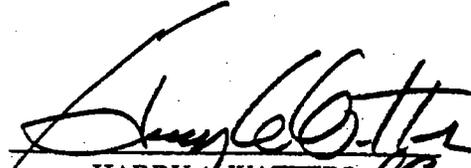
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

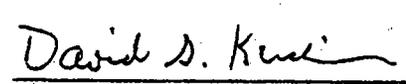
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall provide VOC offsets as required by its PSD permit from Ecology.


HARRY A. WATTERS
Reviewing Engineer

HAW


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 4121

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Date JAN 03 1992

One 777 Wing Panel CS&P (Clean, Seal & Paint) Facility #3, 150'x10'x30', 84 panels/yr, at 60,000 cfm with two stage air filters in Bldg 40-34.

STEVEN C LEES

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

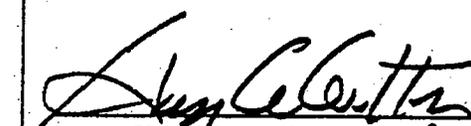
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

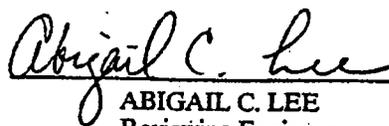
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

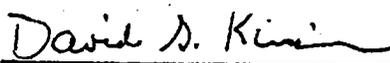
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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HARRY A. WATTERS
Reviewing Engineer

HAW


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4122

Date JAN 03 1992

One 777 Wing Panel CS&P (Clean, Seal & Paint) Facility #4, 150'x10'x30', 84 panels/yr, at 60,000 cfm with two stage air filters in Bldg 40-34.

STEVEN C LEES

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

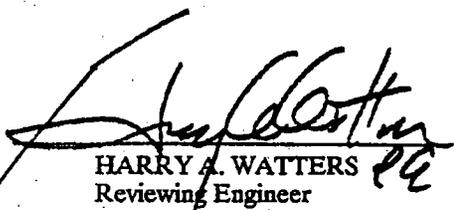
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

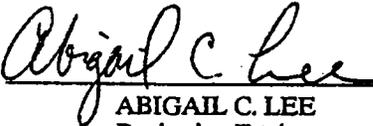
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

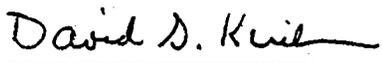
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall provide VOC offsets as required by its PSD permit from Ecology.


HARRY A. WATTERS
Reviewing Engineer

HAW


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4123

Date JAN 03 1992

One 777 Wing Spar CS&P (Clean, Seal & Paint) Facility #1, 126'x15'xopen, 84 spars/yr, at 53,000 cfm with two stage air filters in Bldg 40-04.

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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

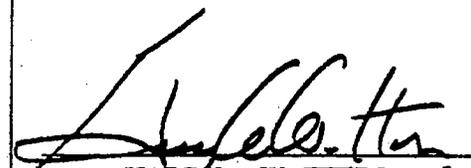
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

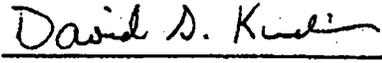
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall provide VOC offsets as required by its PSD permit from Ecology.


HARRY A. WATTERS
Reviewing Engineer

HAW


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 4124

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Date JAN 03 1992

One 777 Wing Spar CS&P (Clean, Seal & Paint) Facility #2, 126'x15'xopen, 84 spars/yr, at 53,000 cfm with two stage air filters in Bldg 40-04.

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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

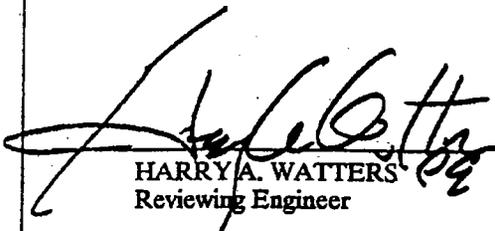
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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

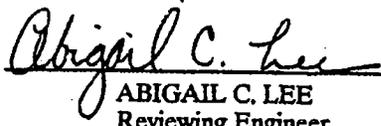
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

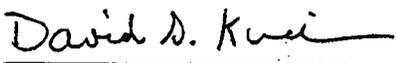
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall provide VOC offsets as required by its PSD permit from Ecology.


HARRY A. WATTERS
Reviewing Engineer

HAW


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4125

Date JAN 03 1992

One 777 Wing Spar CS&P (Clean, Seal & Paint) Facility #3, 126'x15'xopen, 84 spars/yr, at 53,000 cfm with two stage air filters in Bldg 40-04.

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BOEING COMMERCIAL AIRPLANE (EVERETT)

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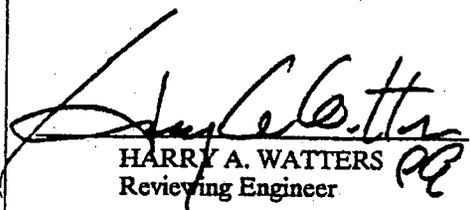
WA 98124-2207

INSTALLATION ADDRESS

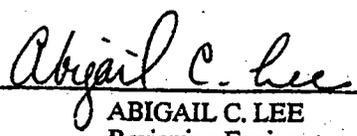
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

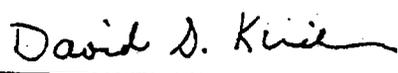
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall provide VOC offsets as required by its PSD permit from Ecology.


HARRY A. WATTERS
Reviewing Engineer

HAW


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4126

Date JAN 03 1992

One 777 Wing Spar CS&P (Clean, Seal & Paint) Facility #4, 126'x15'xopen, 84 spars/yr, at 53,000 cfm with two stage air filters in Bldg 40-04.

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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

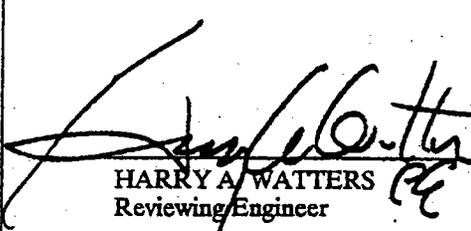
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

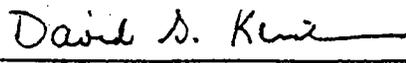
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall provide VOC offsets as required by its PSD permit from Ecology.


HARRY A. WATTERS
Reviewing Engineer

HAW


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4127

Date MAY 22 1995

One 777 Wing Body Join CS&P (Clean, Seal & Paint) Facility #1, 60'x28'x32', 42 wing stubs/yr at 84,000 cfm (two stacks at 50" dia.ea.), 7,000 cfm (22" dia. stack) and 300 cfm (12" dia. stack) with two stage filters in Bldg 40-25, Col L/M-9.

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BOEING COMMERCIAL AIRPLANE (EVERETT)

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WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

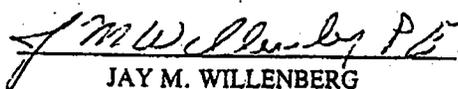
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall provide VOC offsets as required by its PSD permit from Ecology.
5. This Order of Approval No. 4127 issued to amend description hereby supersedes and cancels Order of Approval No. 4127 dated Jan 3, 1992.



ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4127

Date JAN 03 1992

One 777 Wing Body Join CS&P (Clean, Seal & Paint) Facility #1, 60'x28'x32', 42 wing stubs/yr at 85,000 cfm (72" dia, stack), 3,000 cfm (20" dia. stack) and 600 cfm (10" dia. stack) with two stage filters in Bldg 40-26, Col L/M-9.

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

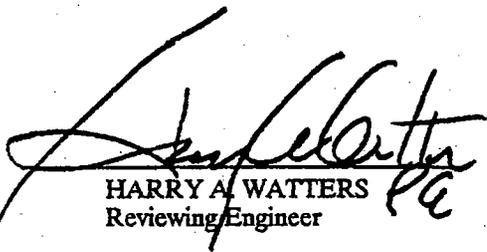
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

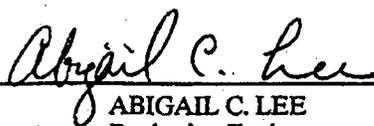
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

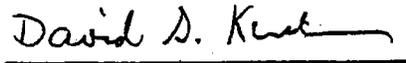
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HARRY A. WATTERS
Reviewing Engineer

HAW


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4170

Date OCT 31 1991

One Fosteria Custom Infra-Red Oven, 12'x12'x10', at 1000 cfm in Bldg 40-56, Col. L.8-1.4.

MAX PAHMEIER

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SEATTLE WA 98124-2207

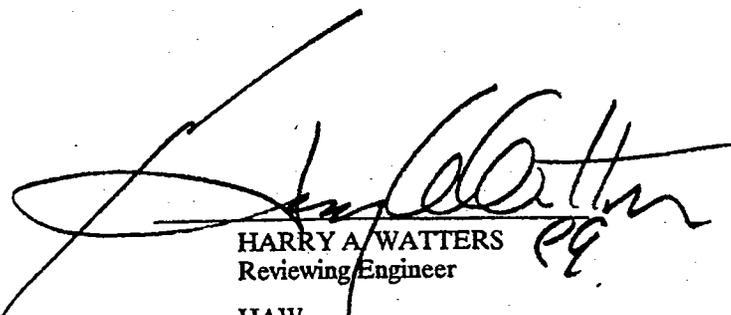
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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

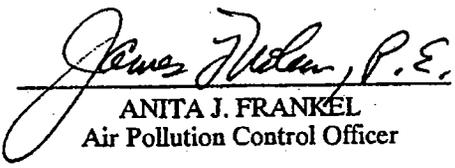
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 4171

Date OCT 31 1995

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

One Fosteria Custom Infra-Red Oven, 12'x12'x10', at 1000 cfm in Bldg 40-56, Col. K-6.4.

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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

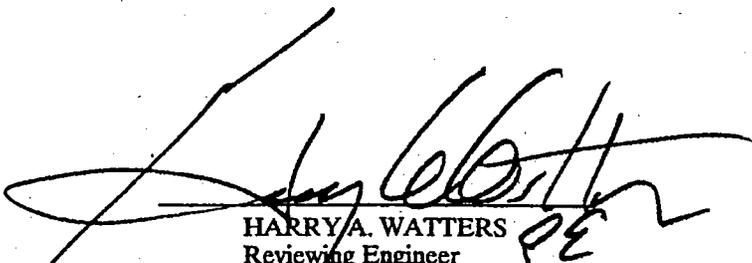
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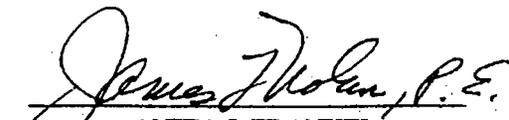
INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer
HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4172

Date OCT 31 1991

One Fosteria Custom Infra-Red Oven, 12'x12'x10', at 1000 cfm in Bldg 40-56, Col. J.6-5.6.

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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

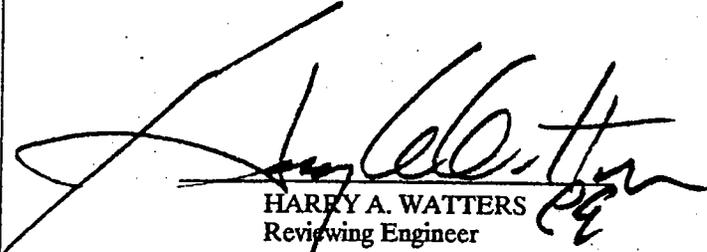
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

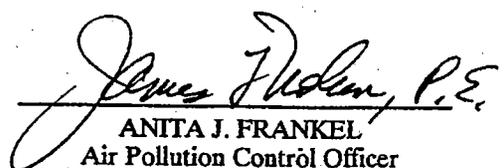
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 4173

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Date OCT 31 1991

One Fosteria Custom Infra-Red Oven, 12'x12'x10', at 1000 cfm in Bldg 40-56, Col. J.5-6.2.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)

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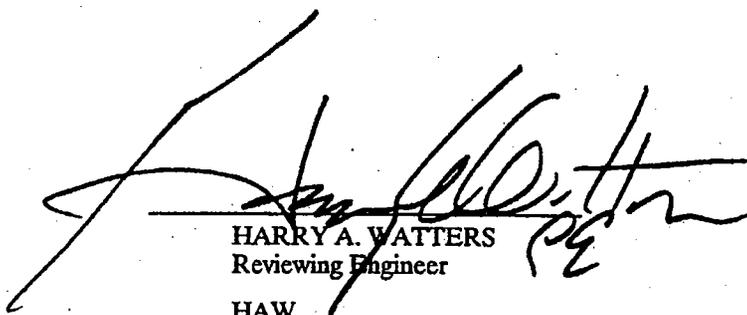
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INSTALLATION ADDRESS

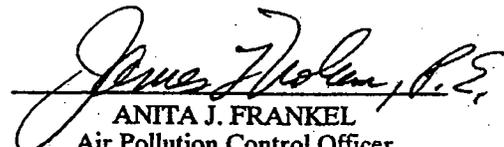
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 4205

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

DEC 4 1991
DEC 4 1991

In Bldg 45-70, Col S-4.3: one Fostoria Custom Infra-Red Oven at 1000 cfm.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

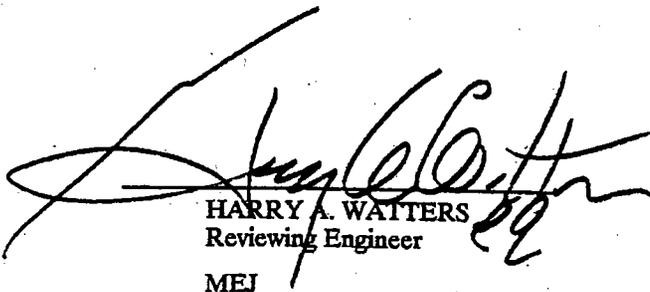
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

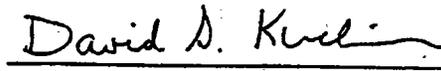
INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WAITERS
Reviewing Engineer
MEJ


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4206

Date DEC 4 1991

In Bldg 45-70, Col V.8-9.8: one Fostoria Custom Infra-Red Oven at 1000 cfm.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

SEATTLE

WA 98124-2207

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PO BOX 3707, MS OH-24

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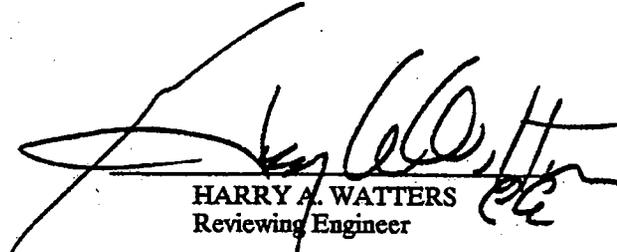
WA 98124-2207

INSTALLATION ADDRESS

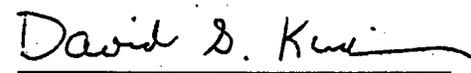
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

MEJ


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of 4207
Construction No. 0007

Date _____

DEC 1 1997

In Bldg 45-70, Col V.3-10.7: one Fostoria Custom Infra-Red Oven at 1000 cfm.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

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WA 98124-2207

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PO BOX 3707, MS OH-24

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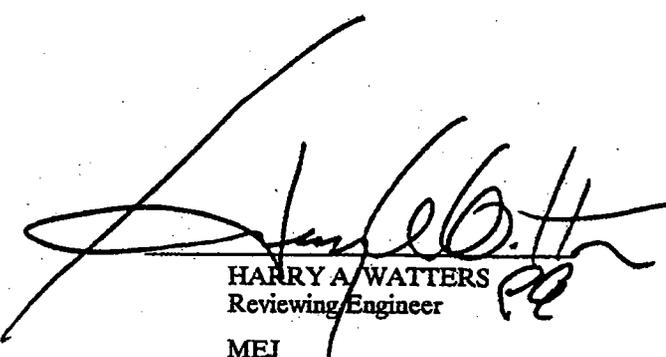
WA 98124-2207

INSTALLATION ADDRESS

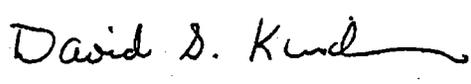
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

MEJ


David S. Kund

ANITA J. FRANKEL
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of 4208

Construction No. DEC 4 1998

Date _____

In Bldg 45-70, Col V.3-9.8: one Fostoria Custom Infra-Red Oven at 1000 cfm.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

SEATTLE

WA 98124-2207

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

SEATTLE

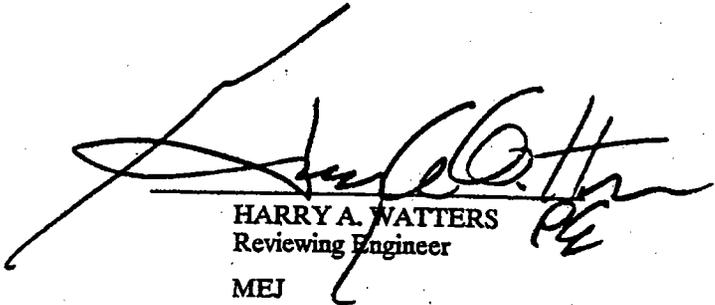
WA 98124-2207

INSTALLATION ADDRESS

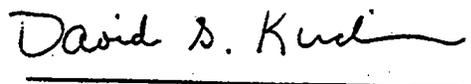
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

MEJ


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4209

Date DEC 4 1991

In Bldg 45-70, Col U.7-9.8: one Fostoria Custom Infra-Red Oven at 1000 cfm.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

SEATTLE

WA 98124-2207

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PO BOX 3707, MS OH-24

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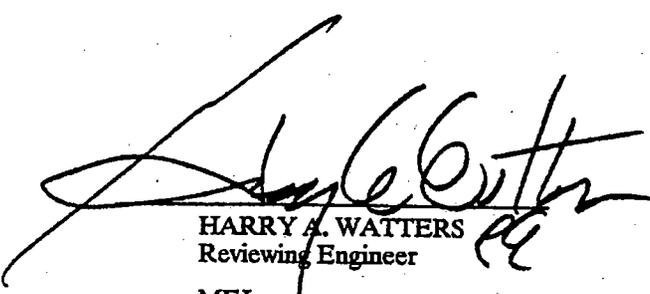
WA 98124-2207

INSTALLATION ADDRESS

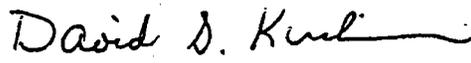
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

MEJ


ANITA J. FRANKEL

Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4210

DEC 4 1991
Date _____

In Bldg 45-70, Col S.6-4.6: one Fostoria Custom Infra-Red Oven at 1000 cfm.

MAX PAHMEIER

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

SEATTLE

WA 98124-2207

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PO BOX 3707, MS OH-24

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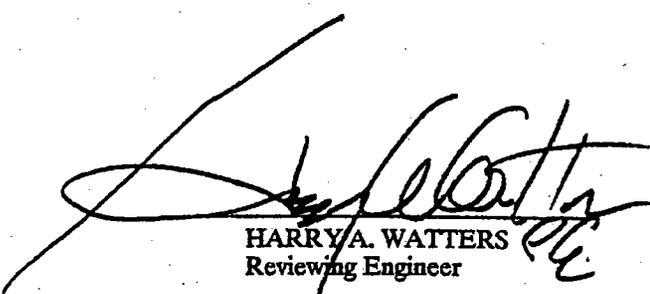
WA 98124-2207

INSTALLATION ADDRESS

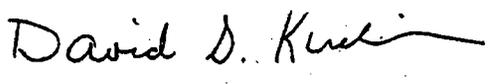
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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HARRY A. WATTERS
Reviewing Engineer

MEJ


ANITA J. FRANKEL

Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4231

Date DEC 23 1991

One additional slotted ventilation system for each of five existing Precision Silkscreen Printer Systems in Bldg 40-56 at 7,000 cfm each. The five existing printlines have approved NC permits (NC3387, NC3725, NC3812, NC3835, & NC3836).

GEORGE WEBSTER

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

SEATTLE

WA 98124-2207

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

SEATTLE

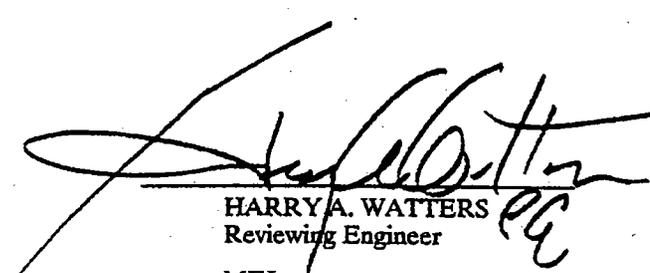
WA 98124-2207

INSTALLATION ADDRESS

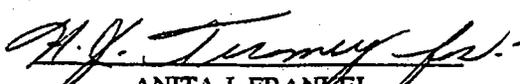
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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HARRY A. WATTERS
Reviewing Engineer

MEJ


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of
Construction No. 4247

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Date DEC 23 1991

Eight Wing Major Tool Positions in Bldg 40-34 where clean, seal and paint operations (using brush & spray) are used.

GEORGE WEBSTER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

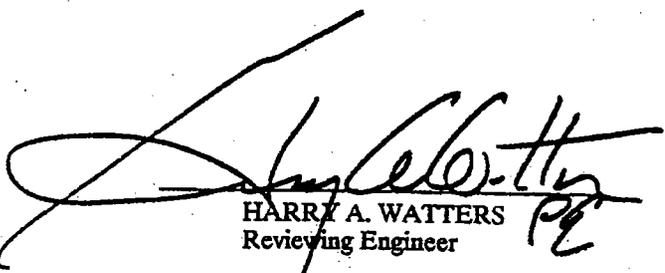
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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HARRY A. WATTERS
Reviewing Engineer

MEJ


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4248

Date DEC 23 1991

One 7'4"x12'x10' Solvent Wipe Down Exhaust Hood at 8,000 cfm in Bldg 45-70, Col W.5-9.6.

GEORGE WEBSTER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

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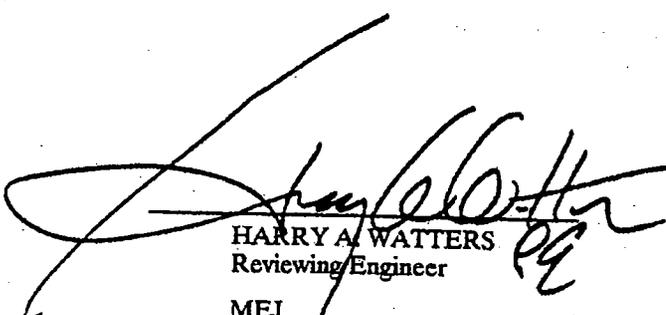
BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

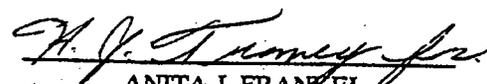
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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HARRY A. WATTERS
Reviewing Engineer

MEJ


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4249

Date MAY 22 1995

One Boeing Custom 150x25x45 Vertical Wing Travelling Spray Booth with two exhaust fans at 65,000 cfm each (130,000 cfm) in Bldg 40-51 - South Booth, 168 Wings per year capacity.

BARBARA THOMPSON MS OH-24

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

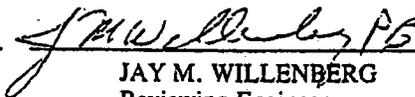
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 4249 issued to amend description hereby supersedes and cancels Order of Approval No. 4249 dated Dec 23, 1991.

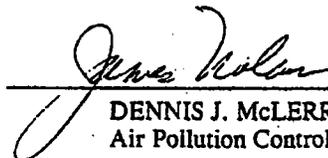


ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4249

Date DEC 23 1991

One Boeing Custom 150x25x45 Vertical Wing Travelling Spray Booth with two exhaust fans at 65,000 cfm each (130,000 cfm) in Bldg 40-51 - West Booth, 168 Wings per year capacity.

GEORGE WEBSTER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

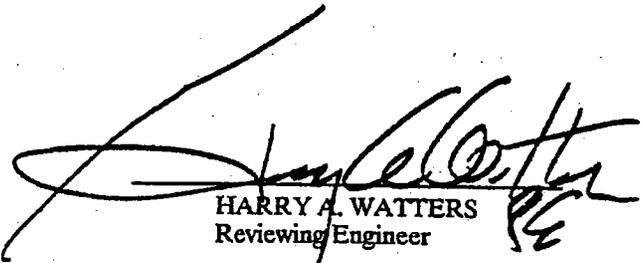
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

MEJ


ANITA J. FRANKEL
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4250

Date MAY 22 1995

One Boeing Custom 150x25x45 Vertical Wing Travelling Spray Booth with two exhaust fans at 65,000 cfm each (130,000 cfm) in Bldg 40-51 - North Booth, 168 Wings per year capacity.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

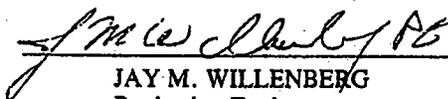
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 4250 issued to amend description hereby supersedes and cancels Order of Approval No. 4250 dated Dec 23, 1991.

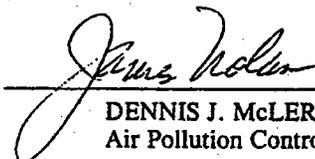


ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 4250

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Date DEC 23 1991

One Boeing Custom 150x25x45 Vertical Wing Travelling Spray Booth with two exhaust fans at 65,000 cfm each (130,000 cfm) in Bldg 40-51 - East Booth, 168 Wings per year capacity.

GEORGE WEBSTER

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

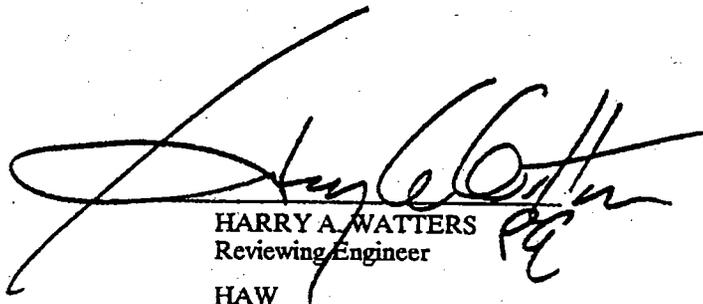
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

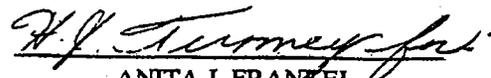
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.



HARRY A. WATTERS
Reviewing Engineer
HAW



ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4268

Date JAN 08 1992

One GOWCO Custom Convection Oven, 32'x12'x8', at 3,500 cfm to dry "Spraylat" applied in booth approved under NC3995;
in Bldg 40-56, Col A.5-6.2.

STEVEN C LEES

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

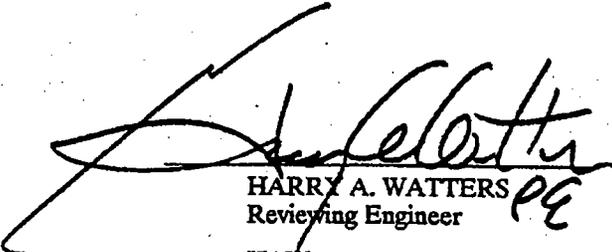
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

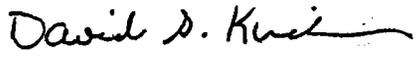
INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer
HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of
Construction No. 4269

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Date JAN 08 1992

In Bldg 40-56, Col. R.8-4.9: a 12'x12'x8' Oven System Warming Booth at 1,500 cfm to assist in curing paint on panels.

STEVEN C LEES

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

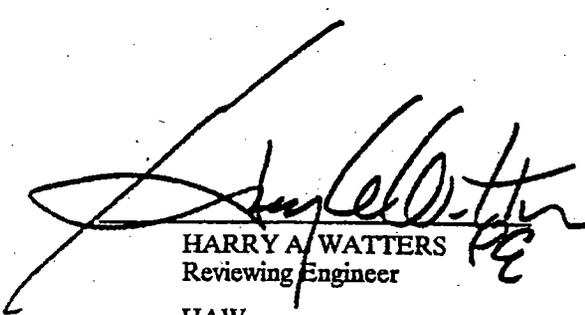
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

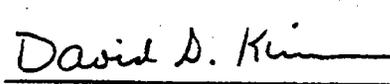
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 4270

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

JAN 08 1992

In Bldg 40-56, Col. D.6-6.7: a 12'x12'x8' Oven System Warming Booth at 1,500 cfm to assist in curing adhesive.

STEVEN C LEES

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

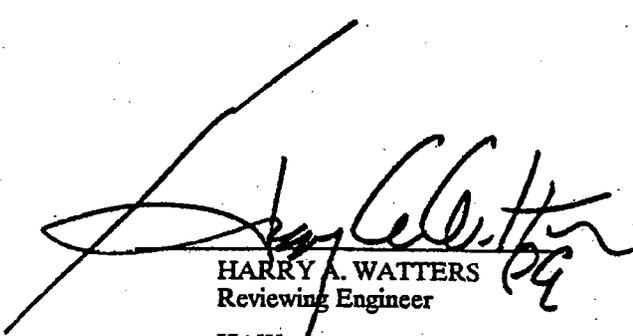
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer
HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 4271

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

JAN 08 1992

In Bldg 40-56, Col. H.5-7.4: a 12'x12'x8' Oven System Warming Booth at 1,500 cfm to assist in curing paint.

STEVEN C LEES

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

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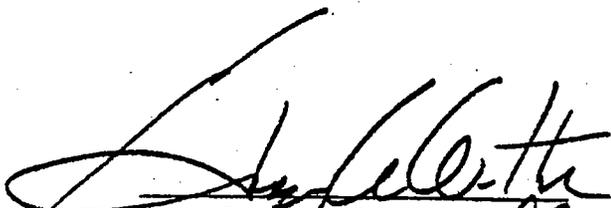
WA 98124-2207

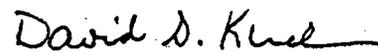
INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS.

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer
HAW



ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4272

Date JAN 08 1992

In Bldg 40-56, Col. H.8-8.4: a 12'x12'x8' Oven System Warming Booth at 1,500 cfm to assist in curing adhesive.

STEVEN C LEES

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

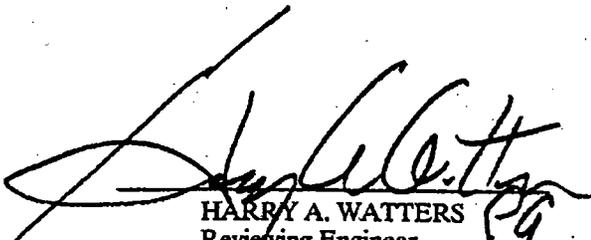
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SEATTLE WA 98124-2207

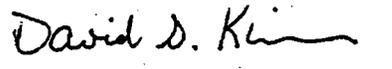
INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer
HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of
Construction No. 4273

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Date JAN 08 1992

In Bldg 40-56, Col. N.8-2.2: a 12'x12'x8' Oven System Warming Booth at 1,500 cfm to assist in curing "potting" compound.

STEVEN C LEES

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

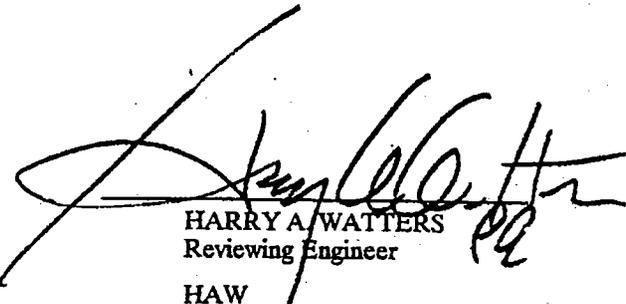
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

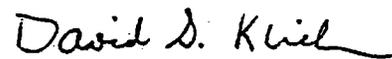
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW



ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4274

Date JAN 08 1992

CIC Spraying in Bldg 40-25 at any of the three 777 Final Assembly Positions, not directly vented.

STEVEN C LEES

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

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N SEATTLE

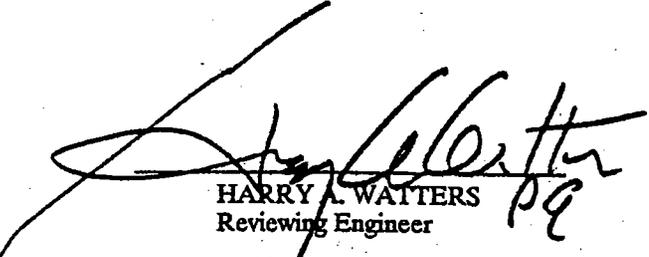
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INSTALLATION ADDRESS

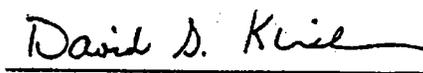
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4275

Date JAN 08 1992

CIC Spraying in Bldg 40-26 at any of the three 777 Final Assembly Positions, not directly vented.

STEVEN C LEES

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

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PO BOX 3707, MS OH-24

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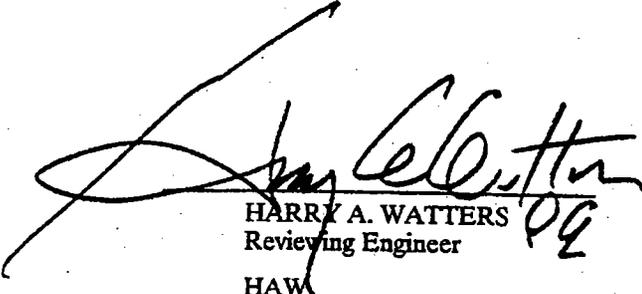
WA 98124-2207

INSTALLATION ADDRESS

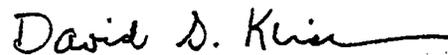
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

HAW



ANITA J. FRANKEL
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4420

Date MAY 22 1995

One Spencer 80X150 Cyclone, Baghouse Vacuum System at 4,000 cfm in Bldg. 40-56, Column CC.3-10.1.

BARBARA J. THOMPSON, T-1320

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

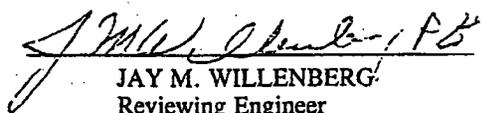
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 4420 issued to amend description hereby supersedes and cancels Order of Approval No. 4420 dated Apr 21, 1992.



ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4420

Date APR 21 1992

One Spencer 80X150 Cyclone, Baghouse Vacuum System at 6,000 cfm in Bldg. 40-56, Column CC.3-10.1.

BARBARA J. THOMPSON, T-1320

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

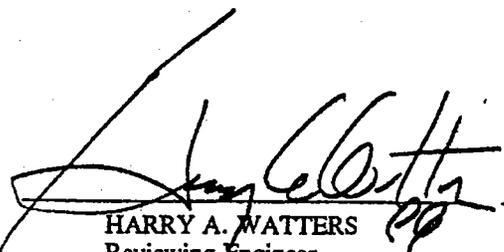
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INSTALLATION ADDRESS

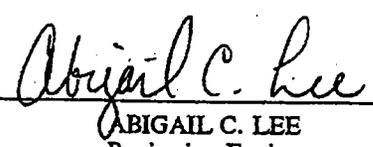
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

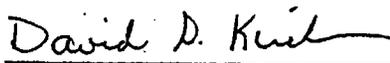
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of

Construction No. 4421

Date MAY 22 1995

One Spencer 80X150 Cyclone, Baghouse Vacuum System at 4,000 cfm in Bldg. 40-56, Column CC.1-10.1.

BARBARA J. THOMPSON, T-1320

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-00

SEATTLE

WA 98124-2207

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-00

SEATTLE

WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

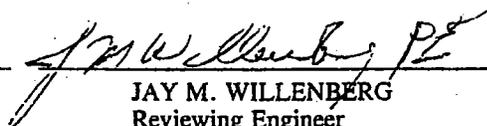
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 4421 issued to amend description hereby supersedes and cancels Order of Approval No. 4421 dated Apr 21, 1992.

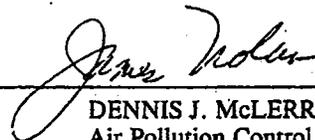


ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4421

Date APR 21 1992

One Spencer 80X150 Cyclone, Baghouse Vacuum System at 6,000 cfm in Bldg. 40-56, Column CC.1-10.1.

BARBARA J. THOMPSON, T-1320

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

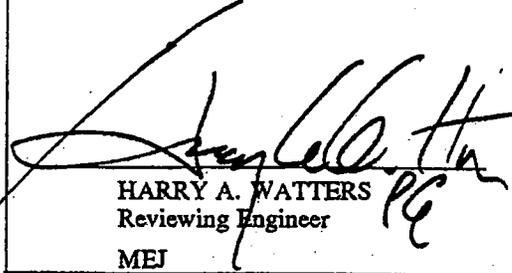
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

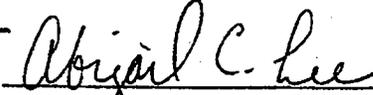
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

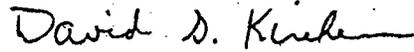
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HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4422

Date MAY 22 1995

One Spencer 100X125 Cyclone, Baghouse Vacuum System at 2,325 cfm in Bldg. 40-56, Column BB.8-10.1.

BARBARA J. THOMPSON, T-1320

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

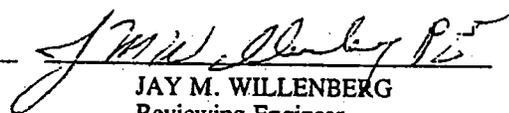
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 4422 issued to amend description hereby supersedes and cancels Order of Approval No. 4422 dated Apr 21, 1992.

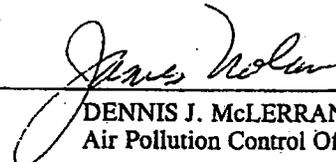


ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4422

Date APR 21 1992

One Spencer 80X150 Cyclone, Baghouse Vacuum System at 6,000 cfm in Bldg. 40-56, Column BB.8-10.1.

BARBARA J. THOMPSON, T-1320

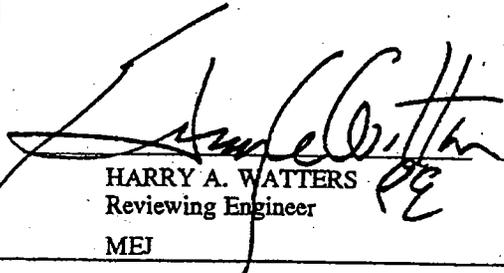
A P P L I C A N T	BOEING COMMERCIAL AIRPLANE (EVERETT)	O BOEING COMMERCIAL AIRPLANE (EVERETT)
	PO BOX 3707, MS OH-24	W PO BOX 3707, MS OH-24
	SEATTLE WA 98124-2207	E SEATTLE WA 98124-2207
		R SEATTLE WA 98124-2207

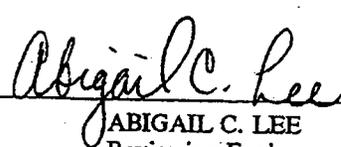
INSTALLATION ADDRESS

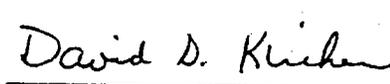
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATERS
Reviewing Engineer
MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4423

Date MAY 22 1995

One Spencer 100X125 Cyclone, Baghouse Vacuum System at 2,325 cfm in Bldg. 40-56, Column BB-10.1.

BARBARA J. THOMPSON, T-1320

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

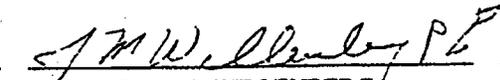
INSTALLATION ADDRESS

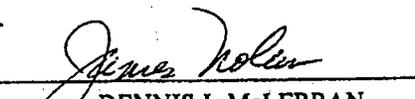
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 4423 issued to amend description hereby supersedes and cancels Order of Approval No. 4423 dated Apr 21, 1992.


ABIGAIL C. LEE
Reviewing Engineer
MEJ


JAY M. WILLENBERG
Reviewing Engineer


DENNIS J. McLERRAN
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4423

Date APR 21 1992

One Spencer 100X125 Cyclone, Baghouse Vacuum System at 3,000 cfm in Bldg. 40-56, Column BB-10.1.

BARBARA J. THOMPSON, T-1320

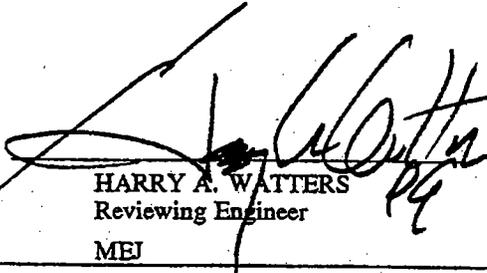
A P P L I C A N T	BOEING COMMERCIAL AIRPLANE (EVERETT)	O BOEING COMMERCIAL AIRPLANE (EVERETT)
	PO BOX 3707, MS OH-24	W PO BOX 3707, MS OH-24
	SEATTLE WA 98124-2207	E SEATTLE WA 98124-2207
		R SEATTLE WA 98124-2207

INSTALLATION ADDRESS

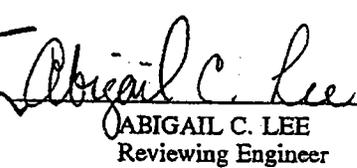
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

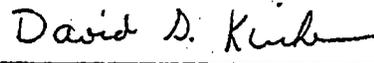
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HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4425

Date MAY 22 1995

One Spencer 80X150 Cyclone, Baghouse Vacuum System at 4,000 cfm in Bldg. 40-56, Column S.5-4.6.

BARBARA J. THOMPSON, T-1320

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

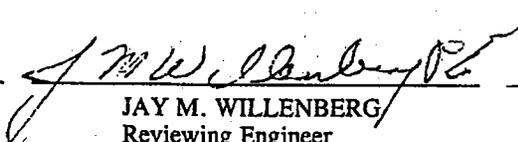
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

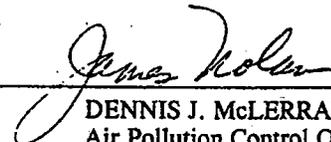
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 4425 issued to amend description hereby supersedes and cancels Order of Approval No. 4425 dated Apr 21, 1992.



ABIGAIL C. LEE
Reviewing Engineer
MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4425

Date APR 21 1992

One Spencer 80X150 Cyclone, Baghouse Vacuum System at 6,000 cfm in Bldg. 40-56, Column S.5-4.6.

BARBARA J. THOMPSON, T-1320

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (EVERETT)

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N SEATTLE

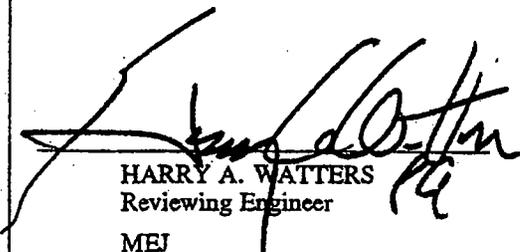
E WA 98124-2207

INSTALLATION ADDRESS

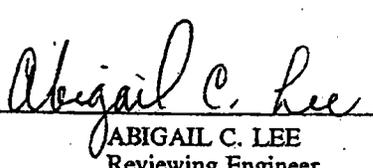
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

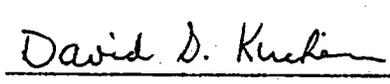
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HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4426

Date MAY 22 1995

One Spencer Cyclone, Baghouse Vacuum System at 6,000 cfm in Bldg. 40-56, Column S.5-4.3.

BARBARA J. THOMPSON, T-1320

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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4. This Order of Approval No. 4426 issued to amend description hereby supersedes and cancels Order of Approval No. 4426 dated Apr 21, 1992.

Abigail C. Lee

ABGAIL C. LEE
Reviewing Engineer
MEJ

J M W. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

Dennis J. McLerran

DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4426

Date APR 21 1992

One Spencer 80X150 Cyclone, Baghouse Vacuum System at 6,000 cfm in Bldg. 40-56, Column S.5-4.3.

BARBARA J. THOMPSON, T-1320

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BOEING COMMERCIAL AIRPLANE (EVERETT) .
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

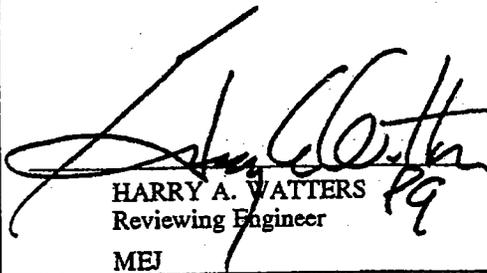
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

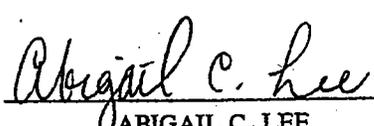
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

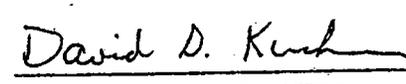
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HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4432

Date APR 21 1992

One Gardner-Denver 11CDL31 Vacuum Pump with Air Filters at 2300 cfm (120F) in Building 40-56, Column CC-9.2.

BARBARA J. THOMPSON, T-1320

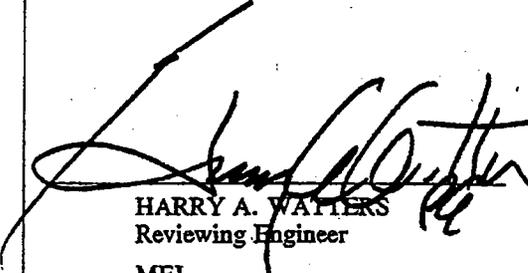
A P P L I C A N T	BOEING COMMERCIAL AIRPLANE (EVERETT)	O	BOEING COMMERCIAL AIRPLANE (EVERETT)
	PO BOX 3707, MS OH-24	W	PO BOX 3707, MS OH-24
	SEATTLE	E	SEATTLE
	WA 98124-2207	R	WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

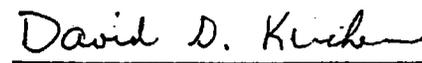
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HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4433

Date APR 21 1992

One Gardner-Denver 11CDL31 Vacuum Pump with Air Filters at 2300 cfm (120F) in Building 40-56, Column CC-9.3.

BARBARA J. THOMPSON, T-1320

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (EVERETT)

W PO BOX 3707, MS OH-24

N SEATTLE

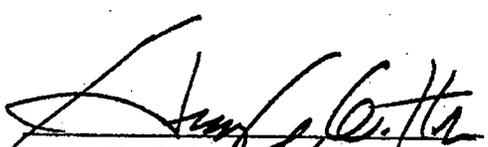
E WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

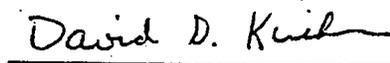
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install, alter or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4434

Date APR 21 1992

One Gardner-Denver 11CDL31 Vacuum Pump with Air Filters at 2300 cfm (120F) in Building 40-56, Column CC-9.4.

BARBARA J. THOMPSON, T-1320

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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

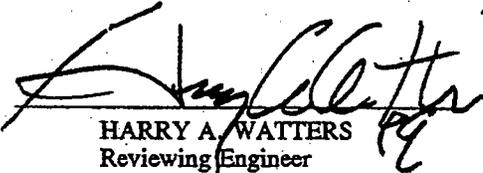
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

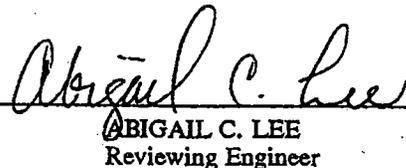
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

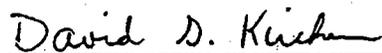
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

MEJ


BIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4435

Date APR 21 1992

One Gardner-Denver 11CDL31 Vacuum Pump with Air Filters at 2300 cfm (120F) in Building 40-56, Column CC-9.5.

BARBARA J. THOMPSON, T-1320

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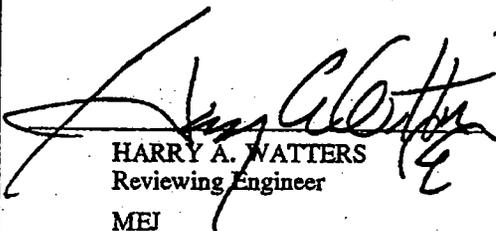
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INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

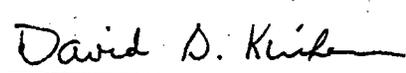
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HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4436

Date APR 21 1992

One Gardner-Denver 11CDL31 Vacuum Pump with Air Filters at 2300 cfm (120F) in Building 40-56, Column CC-9.6.

BARBARA J. THOMPSON, T-1320

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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

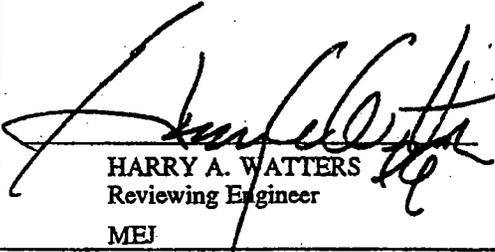
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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

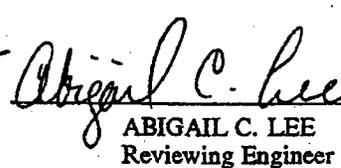
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

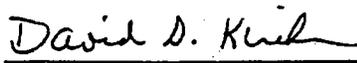
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HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4437

Date APR 21 1992

One Gardner-Denver 11CDL31 Vacuum Pump with Air Filters at 2300 cfm (120F) in Building 40-56, Column CC-9.7.

BARBARA J. THOMPSON, T-1320

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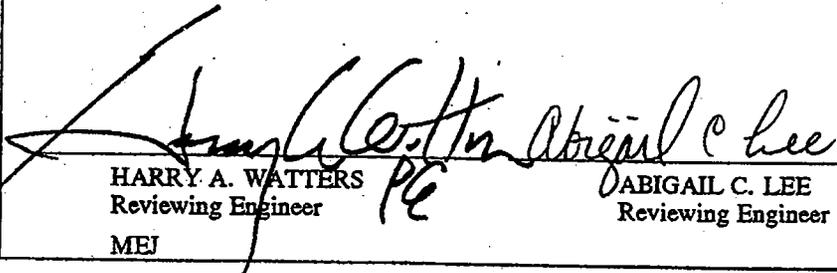
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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

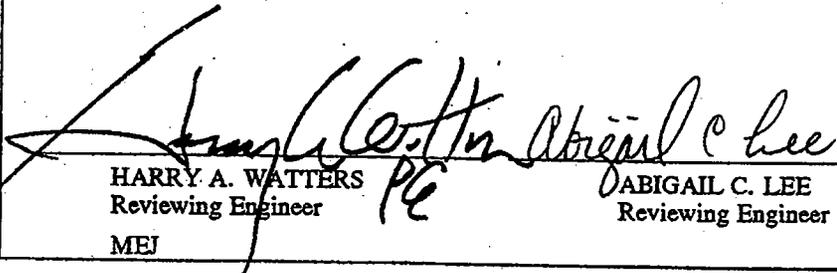
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

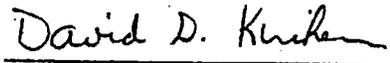
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HARRY A. WATERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4438

Date APR 21 1992

One Gardner-Denver 11CDL31 Vacuum Pump with Air Filters at 2300 cfm (120F) in Building 40-56, Column CC-9.8.

BARBARA J. THOMPSON, T-1320

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BOEING COMMERCIAL AIRPLANE (EVERETT)

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PO BOX 3707, MS OH-24

SEATTLE

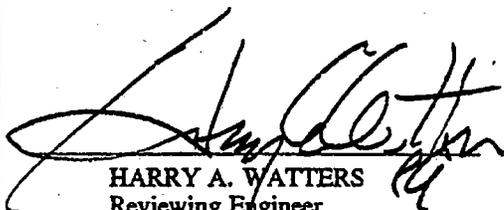
WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

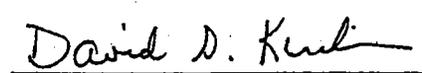
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HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4496

Date MAY 21 1992

Relocate one Torit 24FB55 Dust Collector at 3,500 cfm from Bldg. 40-03 to 40-05 to support operations in the Wood Shop which is also being relocated from Bldg. 40-03 to Bldg. 40-05.

BARBARA THOMPSON MS OH-24

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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

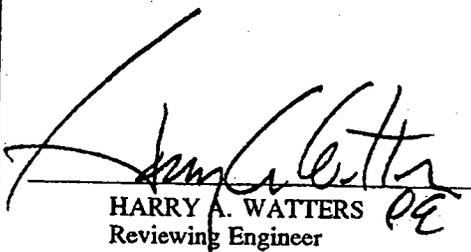
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer
MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4497

Date MAY 22 1995

One Torit 24 CYO Dust Collector at 3,500 cfm (70F) for the Wood Shop (relocated from Bldg. 40-03) in Bldg. 40-05.

BARBARA THOMPSON MS OH-24

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SEATTLE WA 98124-2207

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 4497 issued to amend description hereby supersedes and cancels Order of Approval No. 4497 dated May 21, 1992.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

Dennis J. McLerran

DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4497

Date MAY 21 1992

One Torit 24FB55 Dust Collector at 3,500 cfm (70F) for the Wood Shop (relocated from Bldg. 40-03) in Bldg. 40-05.

BARBARA THOMPSON MS OH-24

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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

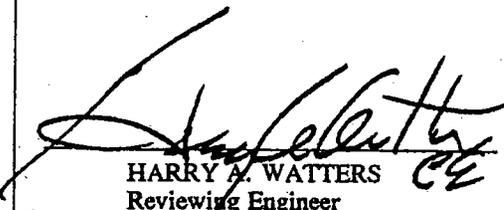
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

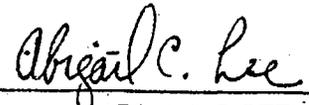
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

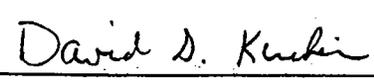
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4501

Date JUN 01 1992

One Custom Built Paint Booth with filter bank and exhaust stack at 56,500 cfm in Bldg. 45-04, Col. P.5-10.

BARBARA THOMPSON MS OH-24

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BOEING COMMERCIAL AIRPLANE (EVERETT)

PO BOX 3707, MS OH-24

SEATTLE

WA 98124-2207

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PO BOX 3707, MS OH-24

SEATTLE

WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

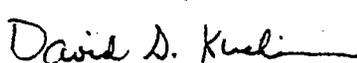
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HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4502

Date JUN 01 1992

One Custom Built Paint Booth with filter bank and exhaust stack at 45,600 cfm in Bldg. 45-04, Col. Q-10.

BARBARA THOMPSON MS OH-24

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

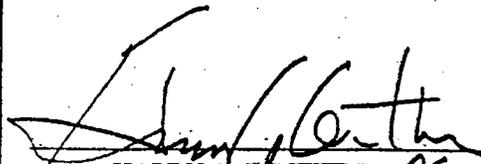
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SEATTLE WA 98124-2207

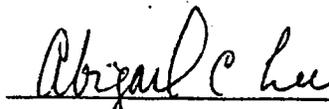
INSTALLATION ADDRESS

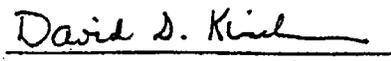
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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HARRY A. WATTERS
Reviewing Engineer
MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4534

Date MAY 22 1995

One Bleeker Bros. F-10-7-7 Dry Filter Spray Booth at 11,710 cfm in Building 40-56, Column L-1.5.

BARBARA THOMPSON MS OH-24

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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SEATTLE WA 98124-2207

INSTALLATION ADDRESS

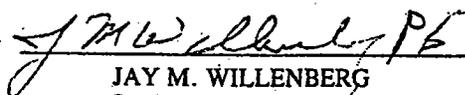
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

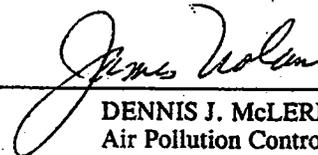
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 4534 issued to amend description hereby supersedes and cancels Order of Approval No. 4534 dated Jul 8, 1992.



A. GAIL C. LEE
Reviewing Engineer
MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4534

Date JUL 08 1992

One Bleeker Bros. F-10-7-7 Dry Filter Spray Booth at 9,815 cfm in Building 40-56, Column L-1.5.

BARBARA THOMPSON MS OH-24

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

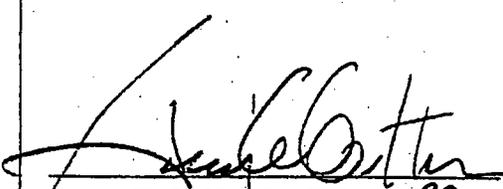
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

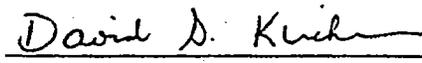
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.


HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4539

~~DUL 08 1992~~

One Despatch L-430-113090 Air Flow Booth at 6,440 cfm in Building 40-56, Column E.1-6.1.

BARBARA THOMPSON MS OH-24

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BOEING COMMERCIAL AIRPLANE (EVERETT)
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SEATTLE WA 98124-2207

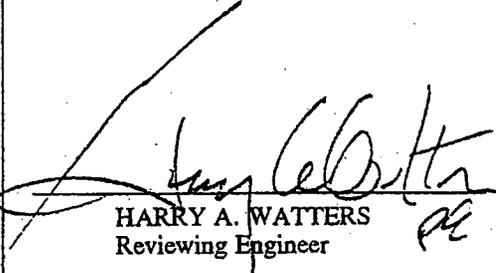
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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

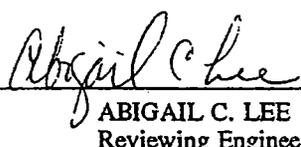
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

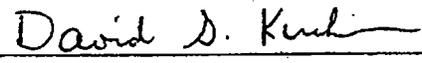
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HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4564

Date JUL 08 1992

Relocate one Fostoria Infrared Oven at 1,000 cfm from Bldg. 45-70 to Bldg. 40-56, Column D-3.

BARBARA THOMPSON MS OH-24

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BOEING COMMERCIAL AIRPLANE (EVERETT)

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WA 98124-2207

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PO BOX 3707, MS OH-24

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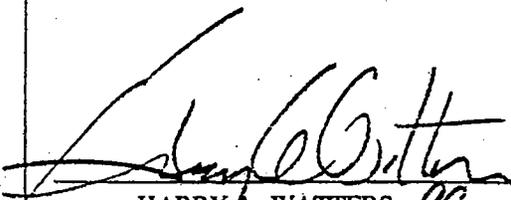
WA 98124-2207

INSTALLATION ADDRESS

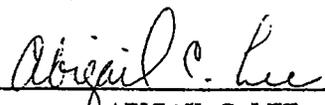
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

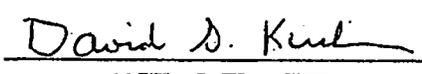
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HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4566

Date JUL 08 1992

One Spencer SA-707 Cyclone/Baghouse Vacuum System at 220 cfm in Bldg. 40-01, Column E-13 (outside).

BARBARA THOMPSON MS OH-24

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

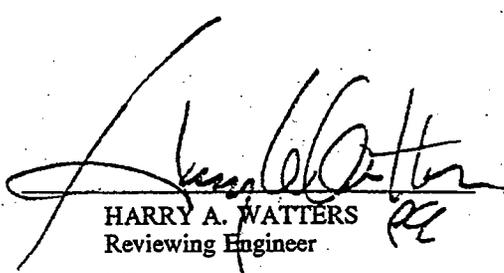
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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

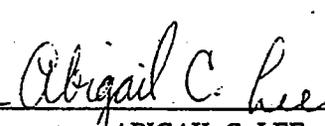
BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

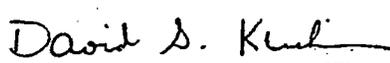
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HARRY A. WATERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4607

Date AUG 04 1992

One Ind. Airsystems 175 Air Handling System with a natural gas burner at 2,187,000 Btu/hr located in Building 40-56, Column N.5-5.25 (roof).

BARBARA THOMPSON MS OH-24

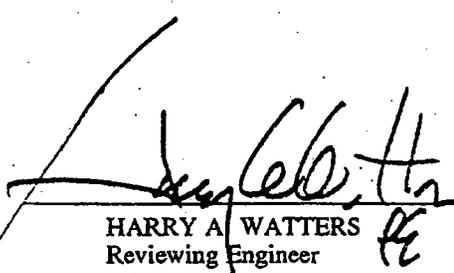
A P P L I C A N T	BOEING COMMERCIAL AIRPLANE (EVERETT) PO BOX 3707, MS OH-24 SEATTLE WA 98124-2207	O W N E R	BOEING COMMERCIAL AIRPLANE (EVERETT) PO BOX 3707, MS OH-24 SEATTLE WA 98124-2207
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INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4609

Date AUG 04 1992

One Despatch Curing Oven located in Building 40-53, Column A-7.

BARBARA THOMPSON MS OH-24

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

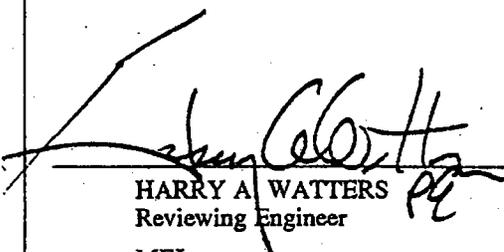
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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

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HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4651

Date SEP 01 1992

One Despatch V-29 Curing Oven at 63 cfm (100F) in Building 40-56, Column H-1.

BARBARA THOMPSON MS OH-24

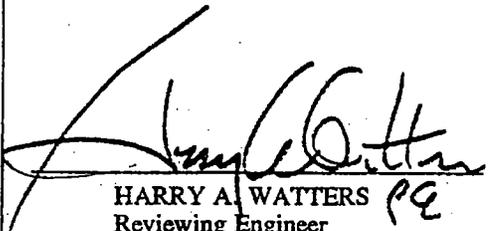
A P P L I C A N T	BOEING COMMERCIAL AIRPLANE (EVERETT) PO BOX 3707, MS OH-24 SEATTLE WA 98124-2207	O W N E R	BOEING COMMERCIAL AIRPLANE (EVERETT) PO BOX 3707, MS OH-24 SEATTLE WA 98124-2207
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INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

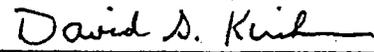
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HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4652

Date ~~SEP 01 1992~~

One Texair 30 Silkscreen Dryer at 1,000 cfm (100F) in Building 40-56, Column A-2.

BARBARA THOMPSON MS OH-24

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

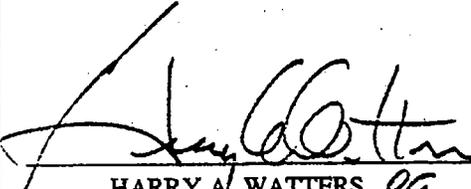
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PO BOX 3707, MS OH-24
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

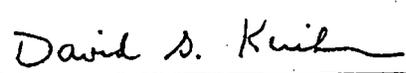
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HARRY A. WATTERS
Reviewing Engineer

MEJ


ABIGAIL C. LEE
Reviewing Engineer


ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4734

Date NOV 30 1992

One Nebraska N0S2-52 natural gas fired Boiler (67.5 MMBtu/hr) capable of generating 60,000 pounds per hour of steam located in Building 40-12 (south end, outside).

BARBARA THOMPSON

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

• BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

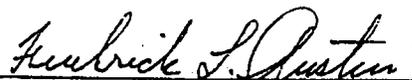
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing Commercial Airplane Group shall not operate this boiler beyond March 31, 1993.



ABIGAIL C. LEE
Reviewing Engineer

MEJ



FREDRICK L. AUSTIN P.E.
Reviewing Engineer



for ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of
Construction No. 4735

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Date NOV 30 1992

One Nebraska NOS2-52 natural gas fired Boiler (67.5 MMBtu/hr) capable of generating 60,000 pounds per hour of steam located in Building 40-12 (south end, outside).

BARBARA THOMPSON

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing Commercial Airplane Group shall not operate this boiler beyond March 31, 1993.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Fredrick L. Austin

FREDRICK L. AUSTIN P.E.
Reviewing Engineer

David S. Kind

for ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 4879

Date MAR 11 1993

One Mikropul Environ. Sys. Dust Collector at 14,400 cfm located outside of Building 40-56 to service routing, sanding, grinding and planing operations inside the building.

BARBARA THOMPSON MS OH-24

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

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PO BOX 3707, MS OH-00

SEATTLE

WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Fredrick L. Austin

FREDRICK L. AUSTIN P.E.
Reviewing Engineer

David D. Krieb

for ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5038

Date MAR 16 1994

Retrofit three existing Boilers, rated at 125 MMBtu/hr each, with low NOx burners and Flue Gas Recirculation (FGR), located in Building 40-12.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Kim

for ARTHUR DAVIDSON
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5050

Date SEP 7 1993

One "Barrel Paint" Spray Booth at 5,400 cfm, located in Building 40-37, Column A.2-13.5.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing will install a stack pressure gauge to measure pressure differential across the exhaust filters. The gauges shall indicate the acceptable pressure drops.
5. Boeing shall comply with all the conditions in the Prevention of Significant Deterioration permit PSD-91-03 issued by the Department of Ecology (PSAPCA NC #3892), dated 10 July 1991.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Nolan

for JAMES L. NOLAN
Director of Compliance

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5051

Date SEP 7 1993

One "46/48 Body Section" Clean, Seal and Paint Application Spray Booth at 28,000 cfm, located in Building 40-37,
Column B.2-13.8.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing will install a stack pressure gauge to measure pressure differential across the exhaust filters. The gauges shall indicate the acceptable pressure drops.
5. Boeing shall comply with all the conditions in the Prevention of Significant Deterioration permit PSD-91-03 issued by the Department of Ecology (PSAPCA NC #3892), dated 10 July 1991.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

J. M. Wilenberg

JAY M. WILLENBERG
Reviewing Engineer

David P. Nolan

for JAMES L. NOLAN
Director of Compliance

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5052

Date SEP 7 1993

One Small Parts Corrosion Inhibiting Compound (CIC) Application Spray Booth at 100,000 cfm, located in Building 40-37,
Column B.9.10.2.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

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2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall use Air Assisted Airless or HVLP equipment for the spray application of Corrosion Inhibiting Compound (CIC) except for the application of CIC in the lower lobe of the aircraft body sections and in confined, difficult to reach areas. In these areas, Boeing may use an airless wand for the spray coating application.
5. Boeing will install a stack pressure gauge to measure pressure differential across the exhaust filters. The gauges shall indicate the acceptable pressure drops.
6. Boeing shall comply with all the conditions in the Prevention of Significant Deterioration permit PSD-91-03 issued by the Department of Ecology (PSAPCA NC #3892), dated 10 July 1991.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

J. M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Nolan

JAMES L. NOLAN
Director of Compliance

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5053

Date MAY 22 1995

One "44 Body Section/45 Body Section" Corrosion Inhibiting Compound (CIC) Application Spray Booth at 44,800 cfm,
located in Building 40-37, Column B.8-11.2.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

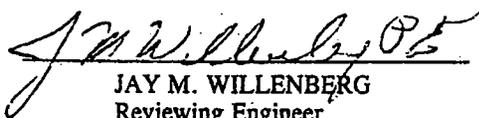
BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall use Air Assisted Airless or HVLP equipment for the spray application of Corrosion Inhibiting Compound (CIC) except for the application of CIC in the lower lobe of the aircraft body sections and in confined, difficult to reach areas. In these areas, Boeing may use an airless wand for the spray coating application.
5. Boeing will install a stack pressure gauge to measure pressure differential across the exhaust filters. The gauges shall indicate the acceptable pressure drops.
6. Boeing shall comply with all the conditions in the Prevention of Significant Deterioration permit PSD-91-03 issued by the Department of Ecology (PSAPCA NC #3892), dated 10 July 1991.
7. This Order of Approval No. 5053 issued to amend description hereby supersedes and cancels Order of Approval No. 5053 dated Sep 7, 1993.



ABIGAIL C. LEE
Reviewing Engineer
MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5053

Date SEP 7 1993

One "44 Body Section" Corrosion Inhibiting Compound (CIC) Application Spray Booth at 44,800 cfm, located in Building 40-37, Column B.8-11.2.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W. CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall use Air Assisted Airless or HVLP equipment for the spray application of Corrosion Inhibiting Compound (CIC) except for the application of CIC in the lower lobe of the aircraft body sections and in confined, difficult to reach areas. In these areas, Boeing may use an airless wand for the spray coating application.
5. Boeing will install a stack pressure gauge to measure pressure differential across the exhaust filters. The gauges shall indicate the acceptable pressure drops.
6. Boeing shall comply with all the conditions in the Prevention of Significant Deterioration permit PSD-91-03 issued by the Department of Ecology (PSAPCA NC #3892), dated 10 July 1991.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg
JAY M. WILLENBERG
Reviewing Engineer

David D. Kuhl

JAMES L. NOLAN
Director of Compliance

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5054

Date SEP 7 1993

One "41/43 Body Section" Clean, Seal and Paint Application Spray Booth at 33,500 cfm, located in Building 40-37,
Column B.8-13.8.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

SEATTLE WA 98124-2207

O BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing will install a stack pressure gauge to measure pressure differential across the exhaust filters. The gauges shall indicate the acceptable pressure drops.
5. Boeing shall comply with all the conditions in the Prevention of Significant Deterioration permit PSD-91-03 issued by the Department of Ecology (PSAPCA NC #3892), dated 10 July 1991.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

J. M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Nolan

JAMES L. NOLAN
Director of Compliance

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5055

Date SEP 7 1993

One Corrosion Inhibiting Compound (CIC) Application to Control Surfaces Spray Booth at 86,000 cfm, located in Building 40-37, Column B.1-10.2.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall use Air Assisted Airless or HVLP equipment for the spray application of Corrosion Inhibiting Compound (CIC) except for the application of CIC in the lower lobe of the aircraft body sections and in confined, difficult to reach areas. In these areas, Boeing may use an airless wand for the spray coating application.
5. Boeing will install a stack pressure gauge to measure pressure differential across the exhaust filters. The gauges shall indicate the acceptable pressure drops.
6. Boeing shall comply with all the conditions in the Prevention of Significant Deterioration permit PSD-91-03 issued by the Department of Ecology (PSAPCA NC #3892), dated 10 July 1991.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

J. M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Nolan

JAMES L. NOLAN
Director of Compliance

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5056

Date SEP 7 1993

One "41/43 Body Section" Corrosion Inhibiting Compound (CIC) Application Spray Booth at 33,500 cfm, located in Building 40-37, Column B.8-10.6.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall use Air Assisted Airless or HVLP equipment for the spray application of Corrosion Inhibiting Compound (CIC) except for the application of CIC in the lower lobe of the aircraft body sections and in confined, difficult to reach areas. In these areas, Boeing may use an airless wand for the spray coating application.
5. Boeing will install a stack pressure gauge to measure pressure differential across the exhaust filters. The gauges shall indicate the acceptable pressure drops.
6. Boeing shall comply with all the conditions in the Prevention of Significant Deterioration permit PSD-91-03 issued by the Department of Ecology (PSAPCA NC #3892), dated 10 July 1991.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer
MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Nolan

JAMES L. NOLAN
Director of Compliance

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of Construction No. 5057

Date MAY 22 1995

One Horizontal Stabilizer Corrosion Inhibiting Compound (CIC) Applicator Spray Booth at 105,000 cfm, located in Building 40-37, Column B.3-10.2.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

SEATTLE

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O BOEING COMMERCIAL AIRPLANE GRP(EVRT)

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INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall use Air Assisted Airless or HVLP equipment for the spray application of Corrosion Inhibiting Compound (CIC) except for the application of CIC in the lower lobe of the aircraft body sections and in confined, difficult to reach areas. In these areas, Boeing may use an airless wand for the spray coating application.
5. Boeing will install a stack pressure gauge to measure pressure differential across the exhaust filters. The gauges shall indicate the acceptable pressure drops.
6. Boeing shall comply with all the conditions in the Prevention of Significant Deterioration permit PSD-91-03 issued by the Department of Ecology (PSAPCA NC #3892), dated 10 July 1991.
7. This Order of Approval No. 5057 issued to amend description hereby supersedes and cancels Order of Approval No. 5057 dated Sep 3, 1993.

ABIGAIL C. LEE
Reviewing Engineer

MEJ

JAY M. WILLENBERG
Reviewing Engineer

DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5057

Date SEP 7 1993

One Horizontal Stabilizer/Vertical Fin Corrosion Inhibiting Compound (CIC) Applicator Spray Booth at 105,000 cfm,
located in Building 40-37, Column B.3-10.2.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall use Air Assisted Airless or HVLP equipment for the spray application of Corrosion Inhibiting Compound (CIC) except for the application of CIC in the lower lobe of the aircraft body sections and in confined, difficult to reach areas. In these areas, Boeing may use an airless wand for the spray coating application.
5. Boeing will install a stack pressure gauge to measure pressure differential across the exhaust filters. The gauges shall indicate the acceptable pressure drops.
6. Boeing shall comply with all the conditions in the Prevention of Significant Deterioration permit PSD-91-03 issued by the Department of Ecology (PSAPCA NC #3892), dated 10 July 1991.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Kun

JAMES L. NOLAN
Director of Compliance

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5058

Date MAY 22 1995

One Corrosion Inhibiting Compound (CIC) Application to Control Surfaces and Vertical Fin Spray Booth at 80,000 cfm, located in Building 40-37, Column B.2-10.2.

BARBARA THOMPSON MS OH-00

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

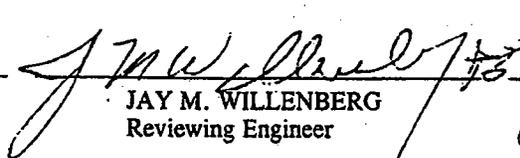
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall use Air Assisted Airless or HVLV equipment for the spray application of Corrosion Inhibiting Compound (CIC) except for the application of CIC in the lower lobe of the aircraft body sections and in confined, difficult to reach areas. In these areas, Boeing may use an airless wand for the spray coating application.
5. Boeing will install a stack pressure gauge to measure pressure differential across the exhaust filters. The gauges shall indicate the acceptable pressure drops.
6. Boeing shall comply with all the conditions in the Prevention of Significant Deterioration permit PSD-91-03 issued by the Department of Ecology (PSAPCA NC #3892), dated 10 July 1991.
7. This Order of Approval No. 5058 issued to amend description hereby supersedes and cancels Order of approval No. 5058 dated Sep 7, 1993.



ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5058

Date SEP 7 1993

One Corrosion Inhibiting Compound (CIC) Application to Control Surfaces Spray Booth at 80,000 cfm, located in Building 40-37, Column B.2-10.2.

BARBARA THOMPSON MS OH-00

A P P L I C A N T	BOEING COMMERCIAL AIRPLANE GRP(EVRT)	O BOEING COMMERCIAL AIRPLANE GRP(EVRT)
	PO BOX 3707, MS OH-00	N PO BOX 3707, MS OH-00
	SEATTLE WA 98124-2207	R SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall use Air Assisted Airless or HVLP equipment for the spray application of Corrosion Inhibiting Compound (CIC) except for the application of CIC in the lower lobe of the aircraft body sections and in confined, difficult to reach areas. In these areas, Boeing may use an airless wand for the spray coating application.
5. Boeing will install a stack pressure gauge to measure pressure differential across the exhaust filters. The gauges shall indicate the acceptable pressure drops.
6. Boeing shall comply with all the conditions in the Prevention of Significant Deterioration permit PSD-91-03 issued by the Department of Ecology (PSAPCA NC #3892), dated 10 July 1991.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Nolan

JAMES L. NOLAN
Director of Compliance

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5059

Date SEP 7 1993

Two Vertical Wing Clean, Seal and Paint Operations Spray Booths at 128,000 cfm each, located in Building 40-37, Column B.8-12.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing will install a stack pressure gauge to measure pressure differential across the exhaust filters. The gauges shall indicate the acceptable pressure drops.
5. Boeing shall comply with all the conditions in the Prevention of Significant Deterioration permit PSD-91-03 issued by the Department of Ecology (PSAPCA NC #3892), dated 10 July 1991.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Nolan

JAMES L. NOLAN
Director of Compliance

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5060

Date MAY 22 1995

One "44 & 45 Body Section" Clean, Seal & Paint (CS&P) Application Spray Booth at 49,000 cfm, located in Building 40-37, Column B.5-13.8.

BARBARA THOMPSON-MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

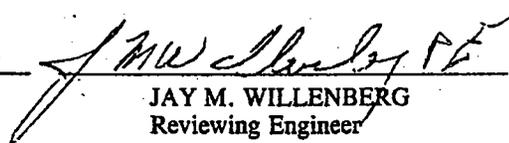
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing will install a stack pressure gauge to measure pressure differential across the exhaust filters. The gauges shall indicate the acceptable pressure drops.
5. Boeing shall comply with all the conditions in the Prevention of Significant Deterioration permit PSD-91-03 issued by the Department of Ecology (PSAPCA NC #3892), dated 10 July 1991.
6. This Order of Approval No. 5060 issued to amend description hereby supersedes and cancels Order of Approval No. 5060 dated Sep 7, 1993.

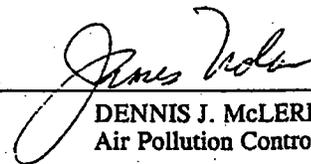


ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. I3120

Notice of
Construction No. 5060

Date SEP 7 1993

One "44 Body Section" Clean, Seal & Paint (CS&P) Application Spray Booth at 49,000 cfm, located in Building 40-37,
Column B.5-13.8.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

O BOEING COMMERCIAL AIRPLANE GRP(EVRT)
W
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E
R PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing will install a stack pressure gauge to measure pressure differential across the exhaust filters. The gauges shall indicate the acceptable pressure drops.
5. Boeing shall comply with all the conditions in the Prevention of Significant Deterioration permit PSD-91-03 issued by the Department of Ecology (PSAPCA NC #3892), dated 10 July 1991.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Nolan

JAMES L. NOLAN
Director of Compliance

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5061

Date SEP 7 1993

One Clean, Seal and Paint Dolly Part Spray Booth at 76,000 cfm, located in Building 40-37, Column C.6-12.6.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

SEATTLE WA 98124-2207

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R BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing will install a stack pressure gauge to measure pressure differential across the exhaust filters. The gauges shall indicate the acceptable pressure drops.
5. Boeing shall comply with all the conditions in the Prevention of Significant Deterioration permit PSD-91-03 issued by the Department of Ecology (PSAPCA NC #3892), dated 10 July 1991.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Wilenberg

JAY M. WILLENBERG *FE*
Reviewing Engineer

David D. Kuhl

for JAMES L. NOLAN
Director of Compliance

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5062

Date SEP 7 1993

Two Horizontal Laydown Corrosion Inhibiting Compound Spray Booths at 85,000 cfm each, located in Building 40-37,
Column B.5-10.2.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall use Air Assisted Airless or HVLP equipment for the spray application of Corrosion Inhibiting Compound (CIC) except for the application of CIC in the lower lobe of the aircraft body sections and in confined, difficult to reach areas. In these areas, Boeing may use an airless wand for the spray coating application.
5. Boeing will install a stack pressure gauge to measure pressure differential across the exhaust filters. The gauges shall indicate the acceptable pressure drops.
6. Boeing shall comply with all the conditions in the Prevention of Significant Deterioration permit PSD-91-03 issued by the Department of Ecology (PSAPCA NC #3892), dated 10 July 1991.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

J. M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Kuhl

JAMES L. NOLAN
Director of Compliance

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5063

Date SEP 7 1993

Six Clean, Seal and Paint Horizontal Laydown Spray Booths with three stacks per booth at 59,000 cfm (Stack #1), 59,000 cfm (Stack #2), and 9,000 cfm (Stack #3) each, located in Building 40-37, Column B.5-13.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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N PO BOX 3707, MS OH-00
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R SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing will install a stack pressure gauge to measure pressure differential across the exhaust filters. The gauges shall indicate the acceptable pressure drops.
5. Boeing shall comply with all the conditions in the Prevention of Significant Deterioration permit PSD-91-03 issued by the Department of Ecology (PSAPCA NC #3892), dated 10 July 1991.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

J. M. Wilenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Kunk

for JAMES L. NOLAN
Director of Compliance

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5064

Date SEP 7 1993

One "46/48 Section" Corrosion Inhibiting Compound Application Spray Booth at 28,000 cfm, located in Building 40-37, Column B.8-11.

BARBARA THOMPSON MS OH-00

A P P L I C A N T	BOEING COMMERCIAL AIRPLANE GRP(EVRT)	O	BOEING COMMERCIAL AIRPLANE GRP(EVRT)
	PO BOX 3707, MS OH-00	W	PO BOX 3707, MS OH-00
	SEATTLE	E	SEATTLE
	WA 98124-2207	R	WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Boeing shall use Air Assisted Airless or HVLP equipment for the spray application of Corrosion Inhibiting Compound (CIC) except for the application of CIC in the lower lobe of the aircraft body sections and in confined, difficult to reach areas. In these areas, Boeing may use an airless wand for the spray coating application.
5. Boeing will install a stack pressure gauge to measure pressure differential across the exhaust filters. The gauges shall indicate the acceptable pressure drops.
6. Boeing shall comply with all the conditions in the Prevention of Significant Deterioration permit PSD-91-03 issued by the Department of Ecology (PSAPCA NC #3892), dated 10 July 1991.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG PE
Reviewing Engineer

David S. Nolan

JAMES L. NOLAN
for Director of Compliance

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5070

Date MAY 22 1995

Three Equipment Cleaning Solvent Benches exhausted at 5,000 cfm each to support the Clean, Seal, Test and Paint areas and the Corrosion Inhibiting Compound areas located in Building 40-37, Column C.8-13.8 and C.8-10.8.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE GRP(EVRT)

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PO BOX 3707, MS OH-00

SEATTLE

WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 5070 issued to amend description hereby supersedes and cancels Order of Approval No. 5070 dated Aug 26, 1993.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

Dennis J. McLerran

DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5070

Date AUG 26 1993

Two Equipment Cleaning Solvent Benches exhausted at 5,000 cfm each to support the Clean, Seal, Test and Paint areas and the Corrosion Inhibiting Compound areas located in Building 40-37, Column C.8-13.8 and C.8-10.8.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

SEATTLE

WA 98124-2207

O BOEING COMMERCIAL AIRPLANE GRP(EVRT)

W PO BOX 3707, MS OH-00

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WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

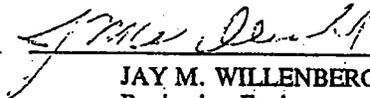
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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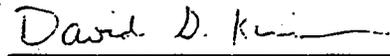


ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



for JAMES L. NOLAN
Director of Compliance

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5178

Date OCT 15 1993

Three Silkscreen Wash Booths with ventilation exhaust and filter systems in Building 40-56, Col D.5-1.5.

BARBARA THOMPSON/JOHN FOSBERG

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)	O	BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00	W	PO BOX 3707, MS OH-00
SEATTLE	N	SEATTLE
WA 98124-2207	E	WA 98124-2207
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INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

J. M. Wilenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Kirk

for ARTHUR DAVIDSON
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5246

Date DEC 13 1993

One Spencer 70 x 75 MOD Industrial Vacuum System at 2,000 scfm consisting of a vacuum producer (turbine), a cyclone type solids separator, and a baghouse, used to collect machining chips, located outside the south end of Building 40-01.

BARBARA THOMPSON MS OH-00

A P P L I C A N T	BOEING COMMERCIAL AIRPLANE GRP(EVRT)	O	BOEING COMMERCIAL AIRPLANE GRP(EVRT)
	PO BOX 3707	W	
	SEATTLE	N	PO BOX 3707, MS OH-00
	WA 98124-2207	E	SEATTLE

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer
MEJ

J M Willeberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Keul

for ARTHUR DAVIDSON
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5402

Date APR 7 1994

One Abrasive Blast Booth with a Universal Dust Collector at 775 cfm located in the Facilities Paint Shop in Building 40-10, Column A-25.

BARBARA THOMPSON MS OH-00

A	BOEING COMMERCIAL AIRPLANE GRP(EVRT)	O	BOEING COMMERCIAL AIRPLANE GRP(EVRT)
P	PO BOX 3707, MS OH-00	W	PO BOX 3707, MS OH-00
P	SEATTLE	E	SEATTLE
L	WA 98124-2207	R	WA 98124-2207
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INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Kim

for ARTHUR DAVIDSON
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5692

Date 11/10/94

One MAC Dust Collector - Filter System exhausted at 13,135 cfm, consisting of a vacuum producer (centrifugal fan) and a baghouse with polyester filter bags, to collect dust from several grinding machines used to machine and sharpen tools and drill bits, located in the Tool Grind Shop in Bldg. 40-31, North Exterior Wall.

BARBARA THOMPSON, ENVIRONMENTAL MGR

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

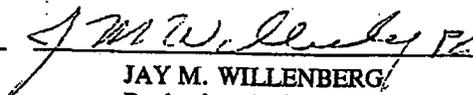
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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. The discharge tube from the baghouse will be fitted with a protective skirt, or equivalent, to prevent the incidence of fugitive particulate emissions when solids are transferred to the collection container.

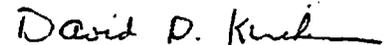


ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5840

Date MAR 9 1995

Modify existing filtration system of the Bleeker Bros. Spray Booth from Waterwash to Dry Filter, exhausting at nominal 13,125 cfm, located in Building 45-70, Col S-6.0.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

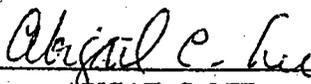
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SEATTLE WA 98124-2207

INSTALLATION ADDRESS

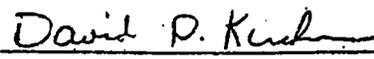
BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This Order of Approval No. 5840 to modify existing water wash spray booth to dry filter spray booth cancels and supersedes NC No. 3993 dated Jul 22, 1991.


ABIGAIL C. LEE
Reviewing Engineer
MEJ


JAY M. WILLENBERG
Reviewing Engineer


for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5868

Date APR 17 1995

One Torit DFT 3-12 Downflow Dust Collector System vented at 6,400 cfm to collect wood dust from woodworking equipment, located on the East side of Building 40-11, Door E-3.

JOHN T FOSBERG

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. A gage to indicate the static pressure differential across the filters will be installed and maintained for the dust collector. The control panel will indicate whether the dust collector is operating within its acceptable pressure drop range.
5. This Order of Approval No. 5868 issued to amend Condition No. 4 hereby supersedes and cancels Order of Approval No. 5868 dated Mar 31, 1995.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Kerr

for DENNIS J. McLERRAN
Air Pollution Control Officer

**Puget Sound Air Pollution
Control Agency**
HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5868

Date MAR 31 1995

One Torit DFT 3-12 Downflow Dust Collector System vented at 6,400 cfm to collect wood dust from woodworking equipment, located on the East side of Building 40-11, Door E-3.

JOHN T FOSBERG

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)

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PO BOX 3707, MS OH-00

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WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. A gage to indicate the static pressure differential across the filters will be installed and maintained for the dry filter spray booth. Within 90 days after beginning equipment operations, the acceptable range for the gage shall be clearly marked on or nearby the gage.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

JAY M. WILLENBERG
Reviewing Engineer

David D. Kish

for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5876

Date MAR 31 1995

Two Spencer Vacuum Systems at 1,210 cfm each located in the basement of Bldg. 40-37 (VM1 at Column #B/C-12.8 and VM2 at Column #B/C-13.2) used to vacuum miscellaneous manufacturing debris out of wing fuel cells, before the cells are sealed and pressure tested.

BARBARA THOMPSON MS OH-00

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INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. McLerran

for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5877

Date MAR 31 1995

One Torit TD 970 Dust Collector System at 1,700 cfm located in Bldg 40-56 at Door N-4, consisting of an integral vacuum producer and cartridge-type filter elements, to provide vacuum pick-up to a large saw used to cut composite material.

BARBARA THOMPSON MS OH-00

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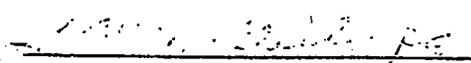
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ARNGAIL C. LEE
Reviewing Engineer
MEJ



JAY M. WILLENBERG
Reviewing Engineer



for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5879

Date MAR 31 1995

One Torit Dust Collector System at 3,500 cfm located in Bldg 40-05, used to provide vacuum service to a chop saw in the Tooling and Facilities Repair Shop.

BARBARA THOMPSON MS OH-00

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SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

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Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer
MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Kuhl

for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5880

Date MAR 31 1995

One Spencer Industrial Vacuum System at 520 cfm located in Bldg. 40-01, used to provide vacuum service for several pieces of equipment in the Plaster and Plastics Tooling Shop.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)

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WA 98124-2207

INSTALLATION ADDRESS

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Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Kuehn

for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5903

Date MAY 3 1995

One Devilbiss XCF-605 Dry Filter Spray Booth rated at 10,000 cfm located in the Paint Mix Room of Building 45-03 Column M5, used for panel testing of new paint guns, paint formulations, and application techniques by Operations Technology. Spray Booth may be used for production purposes.

BARBARA THOMPSON MS OH-00

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

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INSTALLATION ADDRESS

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Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

J. M. Willenberg PE

JAY M. WILLENBERG
Reviewing Engineer

David D. McLerran

for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5904

Date MAY 3 1995

One Torit 19FB Dust Collector System, consisting of a Vacuum Producer, Cyclone Separator and a Baghouse rated at 1,950 cfm, used to provide hold-down vacuum to a bandsaw table in the Interiors Foam Room in Bldg. 40-56 B.6-10 (outside wall).

BARBARA THOMPSON MS OH-00

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INSTALLATION ADDRESS

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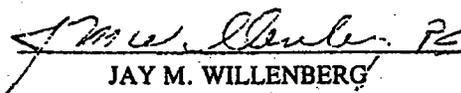
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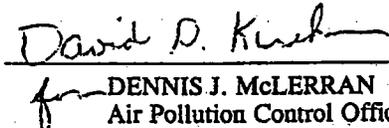


ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 5913

Date APR 26 1995

One Spray Room rated at a nominal 40,000 cfm, located in Building 40-33, Column G-14, used for the 767 Wing Panel Clean, Seal and Paint Operations.

BARBARA THOMPSON MS OH-00

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INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

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Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

J M W

JAY M. WILLENBERG
Reviewing Engineer

David P. Kush

for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 6303

Date JAN 17 1996

One Bleeker Bros. Sand and Spray Booth nominally rated at 16,000 cfm equipped with a three-stage filter system located in Building 40-31, Column A-15, to sand and re-paint composite-based airplane parts as well as to paint other airplane parts, tools, and equipment in the Fiberglass Repair Shop.

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INSTALLATION ADDRESS

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1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. The Aerospace NESHAP, 40 CFR Part 63 Subpart GG, will apply on September 1, 1998.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

J M W. Wilenberg PE

JAY M. WILLENBERG
Reviewing Engineer

David D. McLerran

for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 6407

Date FEB 28 1996

One Spray Booth rated at 25,000 cfm with a dry filter system in Bldg 40-56, Column B-6.

C E MORRIS, MGR., ENV AFFAIRS

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

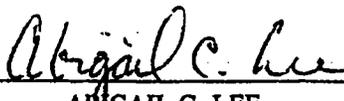
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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. As an alternate means of compliance with Regulation II, 3.09(c), application methods other than those listed in 3.09(c) may be used when applying TPC if the VOC content of the TPC is negligible (e.g. less than 1% by wt.), as determined from the manufacturer's Material Safety Data Sheet.
5. This Order of Approval No. 6407, issued to allow an alternate means of compliance to coating application methods required by Regulation II, Section 3.09(c), hereby supersedes and cancels Order of Approval No. 3995 dated Jul 22, 1991, May 22, 1995 and Sep 20, 1995.



ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 6464

Date JUL 18 1996

One Bleeker Bros Spray Booth equipped with a Dry Filter System and an exhaust rated at 10,000 cfm, located in the 777 Composite Repair Shop in Building 40-26, Column P-8, used for sanding, spray coating, and aluminum flame spray operations to support repair and refinishing of airplane parts, assemblies, tools, equipment and miscellaneous items.

C E MORRIS, MGR, ENV AFFAIRS

A P P L I C A N T	BOEING COMMERCIAL AIRPLANE GRP(EVRT)	O	BOEING COMMERCIAL AIRPLANE GRP(EVRT)
	PO BOX 3707, MS OH-00	W	PO BOX 3707, MS OH-00
	SEATTLE	E	SEATTLE
	WA 98124-2207	R	WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98203

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. A gauge to measure the pressure drop across the exhaust filters will be installed and maintained. Within 90 days after beginning operations, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
5. Boeing shall use HVLP spray equipment, airbrush, hand-held aerosol cans, brush coat, and/or flame spray gun equipment to apply the coatings to parts.
6. Within 180 days after EPA finalizes EPA Method 319, Boeing shall demonstrate to PSAPCA that the filter system meets the efficiency requirements of 40 CFR Part 63.752(d)(4).
7. The Aerospace NESHAP, 40 CFR Part 63 Subpart GG, applies.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

Jay M. Willenberg

JAY M. WILLENBERG
Reviewing Engineer

Dennis J. McLerran
for
DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 6582

Date JUL 3 1996

One Spencer Vacuum System consisting of a centrifugal separator, a tublar bag separator, and a vacuum producer rated at 1,825 cfm located on the West side of Bldg. 40-01 to collect metal, fiberglass, Lexan, foam, and other composite mateial dusts from a 5-axis milling machine used for manufacturing templates, jigs, and other tools used in the manufacture of airplane interiors.

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. A gauge to measure the pressure drop across the Bag Separator will be installed and maintained. Within 90 days after beginning operation, the acceptable ranges for the gauges shall be clearly marked on or nearby the gauge.
5. There shall be no visible emissions from the vacuum system.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

J. M. Willenberg P.E.

JAY M. WILLENBERG
Reviewing Engineer

Dennis J. McLerran

DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 6600

Date JUL 24 1996

One Impinjet Wet Scrubber rated at 3,000 cfm, located in Bldg 45-06 (Wastewater Treatment Plant), used to control emissions of particulates from sludge dryers.

CHRISTINE MORRIS, MGR ENV AFFAIRS

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)

PO BOX 3707, MS OH-00

SEATTLE

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O BOEING COMMERCIAL AIRPLANE GRP(EVRT)

W PO BOX 3707, MS OH-00

N SEATTLE

E WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

J M W Wilenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Kurb

for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 6690

Date MAR 7 1997

One Cleaning Station consisting of a Bleeker Bros (or equivalent) Cleaning Booth rated at 2,000 cfm, installed at Bldg. 40-25, Column K-10, normally used by painters to clean paint equipment, spray guns and paint containers used in coating operations conducted in the main factory buildings housing the 777 production line.

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

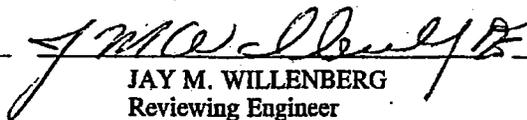
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Spray gun cleaning procedures followed at this cleaning station are subject to the requirements of Section 63.744(c)(2) of subpart GG of 40 CFR Part 63 - National Emission Standards for Aerospace Manufacturing and Rework Facilities; therefore, no atomizing air is to be used in the gun cleaning procedure.

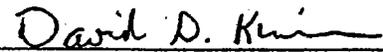


ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
for Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 6691

Date MAR 4 1997

A Cleaning Station consisting of three Blecker Bros (or equivalent) Cleaning Booths rated at 2,000 cfm each, installed at Bldg. 40-33, Column G-14, normally used by painters to clean paint equipment, spray guns and paint containers used in coating operations conducted in the main factory building housing the 747 and 767 production lines.

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PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply. Section 5.05(e) of Regulation I requires that the owner or operator must develop and implement an operation and maintenance (O&M) plan to assure continuous compliance with Regulations I, II, and III.
3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. Spray gun cleaning procedures followed at this cleaning station are subject to the requirements of Section 63.744(c)(2) of subpart GG of 40 CFR Part 63 - National Emission Standards for Aerospace Manufacturing and Rework Facilities; therefore, no atomizing air is to be used in the gun cleaning procedure.

Abigail C. Lee

ABGAIL C. LEE
Reviewing Engineer

MEJ

J M W. Willenberg PE

JAY M. WILLENBERG
Reviewing Engineer

David D. McLerran

for DENNIS J. McLERRAN
Air Pollution Control Officer



Puget Sound Clean Air Agency

110 Union Street, Suite 500, Seattle, WA 98101-2038

Notice of
Construction No. 6761

Registration No. 13120

Date SEP 14 2000

GENERAL REGULATORY ORDER

Under the authority of Puget Sound Clean Air Agency Regulation I, Section 3.03, General Regulatory Orders, this Order is issued to:

Boeing Commercial Airplane Group (Everett)

for the facility located at:

**3003 W Casino Rd
Everett, WA 98201**

1. In accordance with Puget Sound Clean Air Agency Regulation III, Section 3.01(c), Boeing Commercial Airplane Group (Everett) shall not cause or allow the operation of the chromium electroplating tank (North end of Bldg. 40-31) unless the tank is equipped with polyballs and a packed-bed scrubber that limits total chromium emissions to less than 0.03 milligrams total chromium per dry standard cubic meter.

2. The facility shall have an O&M Plan as described in Section 7.09(b) of Regulation I that includes the following:

(a) The range of compliant values for pressure drop across the packed-bed scrubber associated with the chromium electroplating tank (Scrubber #2) as established during the most recent performance test, or multiple tests that demonstrate compliance with the emission limit in Condition No. 1. The pressure drop shall be established in accordance with 40 CFR 63.344(d)(5). To be in compliance with the standard, the packed-bed scrubber shall be operated within the range of compliant values for pressure drop.

(b) The range of compliant values for velocity pressure at the common inlet of the packed-bed scrubber associated with the chromium electroplating tank (Scrubber #2) as established during the most recent performance test, or multiple tests that demonstrate compliance with the emission limit in Condition No. 1. To be in compliance with the standard, the packed-bed scrubber shall be operated within these ranges of compliant values for velocity pressures.

(c) Requirement to maintain a cover of polyballs on the surface of the tanks during chromium plating operations; and

(d) Procedures for routinely inspecting the packed-bed scrubber and ductwork to assure there is proper drainage, no excessive chromic acid buildup in the packed-bed scrubber, no evidence of chemical attack on the structural integrity of the system which could lead to structural failure, no breakthrough of chromic acid mist as evidenced with orange residue on the final stages of the system, and no leaks in the system.

3. The following records shall be kept by the facility and made available to Puget Sound Clean Air Agency personnel upon request:

(a) Pressure drop readings across the packed-bed scrubber and date the reading was taken at least

General Regulatory Order for NC No. 6761

once each operating day;

(b) Velocity pressure readings at the inlet of the packed-bed scrubber and date the reading was taken at least once each operating day;

(c) Inspection and maintenance performed on the packed-bed scrubber, ductwork or monitoring equipment including inspection date and results of the inspection (at least quarterly);

(d) The occurrence, duration, and cause of any malfunction of the packed-bed scrubber or monitoring equipment, and the actions taken to correct any malfunction; and

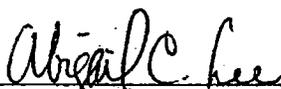
(e) Identification of each period that the packed-bed scrubber operates outside the range of compliant pressure drop values or compliant velocity pressure values and whether a malfunction occurred during that period.

4. The compliant pressure drop values and compliant velocity pressure values as established in the most recent performance test shall be identified on the log sheet used to comply with Condition No. 3(a) and 3(b) of this Order.

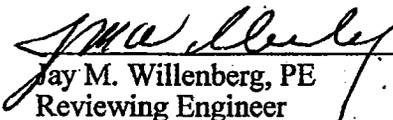
5. This General Regulatory Order No. 6761, issued to reflect the fact that chromium anodizing operations have been replaced by boric sulfuric acid anodizing operations thereby reducing emissions of hexavalent chromium, hereby supersedes and cancels General Regulatory Order No. 6761 dated Apr 8, 1999.

APPEAL RIGHTS

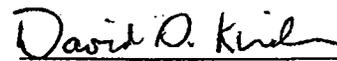
Pursuant to Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, an appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of receiving this Order.



Abigail Lee
Reviewing Engineer



Jay M. Willenberg, PE
Reviewing Engineer



Dennis J. McLerran
for Air Pollution Control Officer

RESOLUTION NO. 928

RESOLUTION OF THE BOARD OF DIRECTORS
OF THE PUGET SOUND CLEAN AIR AGENCY

ADOPTING: Modification of General Regulatory Order No. 6761

Relating to General Regulatory Order for Hard Chromium Electroplating

WHEREAS, the Board is authorized to issue general regulatory orders to apply any applicable provision of Chapter 70.94 RCW or the rules adopted thereunder, in accordance with Section 3.03 of Regulation I; and

WHEREAS, the Board adopted revisions to Regulation III, Section 3.01, Hard and Decorative Chromium Electroplating and Chromium Anodizing, on June 13, 1996, and

WHEREAS, Regulation III, Section 3.01(e) requires all chromium electroplating or anodizing tanks using control equipment to comply with the applicable emission limits of this regulation to operate in accordance with an Order of Approval under Section 6.07 or an Order issued by the Board under Section 3.03 of Regulation I, which specifies operating and maintenance procedures, monitoring, recordkeeping, and reporting requirements consistent with the federal standards in 40 CFR Part 63, Subpart N, and

WHEREAS, on December 2, 1999 Boeing Commercial Airplane Group (Everett) requested that General Regulatory Order No. 6761 be modified to reflect the fact that chromium anodizing is being replaced by a non-chrome anodizing process called boric sulfuric acid anodizing, thereby eliminating all chromium anodizing operations at the Boeing Everett facility;

WHEREAS, the general regulatory order has been modified and the public involvement process for issuing general regulatory orders in Section 3.03 of Regulation I has been followed, including publication of notices in newspapers of general circulation in the area where each of the facilities is located,

WHEREAS, no requests for a public hearing or public comments were received, now, therefore;

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE PUGET SOUND CLEAN AIR AGENCY:

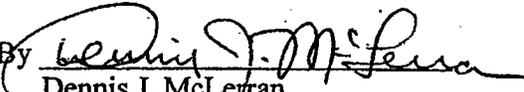
The Board of Directors does hereby approve the attached modified General Regulatory Order No. 6761.

PASSED AND APPROVED by the Board of Directors at a regular meeting of the Board this 14th day of September 2000.

PUGET SOUND CLEAN AIR AGENCY

By 
Margaret Pageler, Chair
Board of Directors

Attest:

By 
Dennis J. McLerran
Executive Director

Approved as to form:

By 
Laurie S. Halvorson
Agency Counsel

**PUGET SOUND AIR POLLUTION
CONTROL AGENCY**

110 Union Street, Suite 500, Seattle, WA 98101-2038

Registration No. 13120
NOC No. 6761
Page 1 of 2
Date **APR 8** 1999

GENERAL REGULATORY ORDER

Under the authority of PSAPCA Regulation I, Section 3.03, General Regulatory Orders, this Order is issued to:

Boeing Commercial Airplane Group (Everett)

for the facility located at:

**3003 W Casino Rd
Everett, WA 98201**

The purpose of this Order is to implement provisions of Chapter 70.94 RCW or the rules adopted thereunder. The owner of the above facility shall abide by the following emission limits, monitoring, recordkeeping and reporting conditions for the site indicated above.

Limits and Conditions:

1. In accordance with PSAPCA Regulation III, Sections 3.01(c) and 3.01(d), Boeing Commercial Airplane Group (Everett) shall not cause or allow the operation of any chromium electroplating tank or chromium anodizing tank (North end of Bldg 40-31) unless the tanks are equipped with polyballs and packed-bed scrubbers that limit total chromium emissions to less than 0.03 and 0.01 milligrams total chromium per dry standard cubic meter, respectively.
2. The facility shall have an Operation and Maintenance Plan as described in Section 7.09(b) of Regulation I that includes the following:
 - (a) The range of compliant values for pressure drop across the packed-bed scrubber associated with the chromium anodizing tank (Scrubber #3) as established during the multiple performance tests on June 23, 1997 and November 17-18, 1997 is: 1.3 to 4.5 inches of water column. The range of compliant values for pressure drop across the packed-bed scrubber associated with the chromium electroplating tank (Scrubber #2) as established during the performance test on March 30-31, 1998 is: 1.2 to 3.2 inches of water column. To be in compliance with the standard, the packed-bed scrubbers shall be operated within these ranges of compliant values for pressure drop;
 - (b) The range of compliant values for velocity pressure at the inlet to the packed-bed scrubber associated with the chromium anodizing tank (Scrubber #3) as established during the multiple performance tests on June 23, 1997 and November 17-18, 1997 is: 0.30 to 0.43 inches of water column. The range of compliant values for velocity pressure at the inlet of the packed-bed scrubber associated with the chromium electroplating (Scrubber #2) as established during the performance test on March 30-31, 1998 is: 0.16 to 0.20 inches of water column. To be in compliance with the

APR 8 1999

standard, the packed-bed scrubbers shall be operated within these ranges of compliant values for velocity pressures;

(c) Requirement to maintain a cover of polyballs on the surface of the tanks during chromium anodizing and chromium plating operations; and

(d) Procedures for routinely inspecting the packed-bed scrubber and ductwork to assure there is proper drainage, no excessive chromic acid buildup in the packed-bed scrubber, no evidence of chemical attack on the structural integrity of the system which could lead to structural failure, no breakthrough of chromic acid mist as evidenced with moisture or other signs of chromic acid mist on the back portion of the mist eliminator during normal operations, and no leaks in the system.

3. The following records shall be kept by the facility and made available to PSAPCA personnel upon request:

(a) Pressure drop readings across the packed-bed scrubber beginning on or before July 24, 1997 (at least once each operating day);

(b) Velocity pressure readings at the inlet of the packed-bed scrubber (or other acceptable location in accordance with Condition 2(b)) beginning on or before July 24, 1997 (at least once each operating day);

(c) Inspection and maintenance performed on the packed-bed scrubber, ductwork or monitoring equipment including inspection date and results of the inspection (at least quarterly);

(d) The occurrence, duration, and cause of any malfunction of the packed bed scrubber or monitoring equipment, and the actions taken to correct any malfunction; and

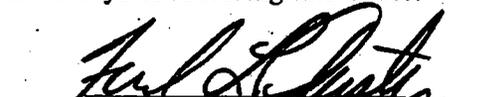
(e) Identification of each period that the packed-bed scrubber operates outside the range of compliant pressure drop values or compliant velocity pressure values and whether a malfunction occurred during that period.

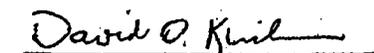
4. This General Regulatory Order No. 6761, issued to incorporate the acceptable range of compliant pressure drop and velocity pressure values across the packed-bed scrubber, hereby supercedes and cancels General Regulatory Order No. 6761 dated Jan 14, 1997 and Apr 7, 1998.

Pursuant to Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, an appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of receiving this Order.



ABIGAIL C. LEE
Reviewing Engineer


JAY M. WILLENBERG PE P.E.
Reviewing Engineer


for DENNIS J. McLERRAN
Air Pollution Control Officer

**PUGET SOUND AIR POLLUTION
CONTROL AGENCY**

110 Union Street, Suite 500, Seattle, WA 98101-2038

Registration No. 13120
NOC No. 6761
Page 1 of 2
Date **APR 7 1998**

GENERAL REGULATORY ORDER

Under the authority of PSAPCA Regulation I, Section 3.03, General Regulatory Orders, this Order is issued to:

Boeing Commercial Airplane Group (Everett)

for the facility located at:

**3003 W Casino Rd
Everett, WA 98201**

The purpose of this Order is to implement provisions of Chapter 70.94 RCW or the rules adopted thereunder. The owner of the above facility shall abide by the following emission limits, monitoring, recordkeeping and reporting conditions for the site indicated above.

Limits and Conditions:

1. In accordance with PSAPCA Regulation III, Sections 3.01(c) and 3.01(d), Boeing Commercial Airplane Group (Everett) shall not cause or allow the operation of any chromium electroplating tank or chromium anodizing tank (North end of Bldg 40-31) unless the tanks are equipped with polyballs and packed-bed scrubbers that limit total chromium emissions to less than 0.03 and 0.01 milligrams total chromium per dry standard cubic meter, respectively.
2. The facility shall have an Operation and Maintenance Plan as described in Section 7.09(b) of Regulation I that includes the following:
 - (a) The range of compliant values for pressure drop across the packed-bed scrubber associated with the chromium anodizing tank (Scrubber #3) as established during the multiple performance tests on June 23, 1997 and November 17-18, 1997 is: 1.3 to 4.5 inches of water column. The range of compliant values for pressure drop across the packed-bed scrubber associated with the chromium electroplating tank (Scrubber #2) as established during the performance test on June 24, 1997 is: 1.5 to 3.5 inches of water column. To be in compliance with the standard, the packed-bed scrubbers shall be operated within these ranges of compliant values for pressure drop;
 - (b) The range of compliant values for velocity pressure at the inlet to the packed-bed scrubber associated with the chromium anodizing tank (Scrubber #3) as established during the multiple performance tests on June 23, 1997 and November 17-18, 1997 is: 0.30 to 0.43 inches of water column. The range of compliant values for velocity pressure at the inlet of the packed-bed scrubber associated with the chromium electroplating (Scrubber #2) as established during the performance test on June 24, 1997 is: 0.13 to 0.17 inches of water column. To be in compliance with the standard, the

APR 7 1998

packed-bed scrubbers shall be operated within these ranges of compliant values for velocity pressures;

(c) Requirement to maintain a cover of polyballs on the surface of the tanks during chromium anodizing and chromium plating operations; and

(d) Procedures for routinely inspecting the packed-bed scrubber and ductwork to assure there is proper drainage, no excessive chromic acid buildup in the packed-bed scrubber, no evidence of chemical attack on the structural integrity of the system which could lead to structural failure, no breakthrough of chromic acid mist as evidenced with moisture or other signs of chromic acid mist on the back portion of the mist eliminator during normal operations, and no leaks in the system.

3. The following records shall be kept by the facility and made available to PSAPCA personnel upon request:

(a) Pressure drop readings across the packed-bed scrubber beginning on or before July 24, 1997 (at least once each operating day);

(b) Velocity pressure readings at the inlet of the packed-bed scrubber (or other acceptable location in accordance with Condition 2(b)) beginning on or before July 24, 1997 (at least once each operating day);

(c) Inspection and maintenance performed on the packed-bed scrubber, ductwork or monitoring equipment including inspection date and results of the inspection (at least quarterly);

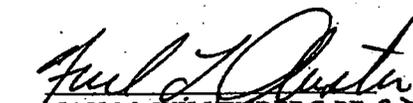
(d) The occurrence, duration, and cause of any malfunction of the packed bed scrubber or monitoring equipment, and the actions taken to correct any malfunction; and

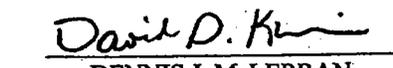
(e) Identification of each period that the packed-bed scrubber operates outside the range of compliant pressure drop values or compliant velocity pressure values and whether a malfunction occurred during that period.

4. This General Regulatory Order No. 6761, issued to incorporate the acceptable range of compliant pressure drop and velocity pressure values across the packed-bed scrubber, hereby supercedes and cancels General Regulatory Order No. 6761 dated Jan 14, 1997.

Pursuant to Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, an appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of receiving this Order.


ABIGAIL C. LEE
Reviewing Engineer


JAY M. WILLENBERG PE P.E.
for Reviewing Engineer


DENNIS J. McLERRAN
for Air Pollution Control Officer

**PUGET SOUND AIR POLLUTION
CONTROL AGENCY**

110 Union Street, Suite 500, Seattle, WA 98101-2038

Registration No. 13120

NOC No. 6761

Page 1 of 2

Date **JAN 14 1997**

GENERAL REGULATORY ORDER

Under the authority of PSAPCA Regulation I, Section 3.03, General Regulatory Orders, this Order is issued to:

Boeing Commercial Airplane Group (Everett)

for the facility located at:

**3003 W Casino Rd
Everett, WA 98201**

The purpose of this Order is to implement provisions of Chapter 70.94 RCW or the rules adopted thereunder. The owner of the above facility shall abide by the following emission limits, monitoring, recordkeeping and reporting conditions for the site indicated above.

Limits and Conditions:

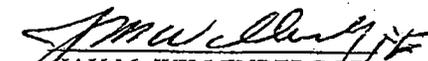
1. In accordance with PSAPCA Regulation III, Sections 3.01(c) and 3.01(d), Boeing Commercial Airplane Group (Everett) shall not cause or allow the operation of any chromium electroplating tank or chromium anodizing tank (North end of Bldg 40-31) unless the tanks are equipped with polyballs and packed-bed scrubbers that limit total chromium emissions to less than 0.03 and 0.01 milligrams total chromium per dry standard cubic meter, respectively.
2. The facility shall have an Operation and Maintenance Plan as described in Section 7.09(b) of Regulation I that includes the following:
 - (a) The acceptable range of compliant pressure drop values across the packed-bed scrubber as established by performance testing and measured with a permanently installed pressure gauge. The acceptable range of compliant pressure drop values shall be incorporated into this Order after submittal of the performance test results;
 - (b) The acceptable range of velocity pressure values at the inlet to the packed-bed scrubber as established by performance testing and measured in accordance with Section 2.2 of EPA Method 2 and described in 40 CFR 63.344(d)(4). The acceptable range of velocity pressure values shall be incorporated into this Order after submittal of the performance test results. An alternate location of the velocity pressure port may be selected if Boeing (Everett) demonstrates the alternative location is acceptable using the procedures described in Section 2.5 of EPA Method 1;
 - (c) Requirement to maintain a cover of polyballs on the surface of the tanks during chromium anodizing and chromium plating operations; and
 - (d) Procedures for routinely inspecting the packed-bed scrubber and ductwork to assure there is proper

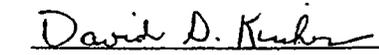
drainage, no excessive chromic acid buildup in the packed-bed scrubber, no evidence of chemical attack on the structural integrity of the system which could lead to structural failure, no breakthrough of chromic acid mist as evidenced with moisture or other signs of chromic acid mist on the back portion of the mist eliminator during normal operations, and no leaks in the system.

3. The following records shall be kept by the facility and made available to PSAPCA personnel upon request:
- (a) Pressure drop readings across the packed-bed scrubber beginning on or before July 24, 1997 (at least once each operating day);
 - (b) Velocity pressure readings at the inlet of the packed-bed scrubber (or other acceptable location in accordance with Condition 2(b)) beginning on or before July 24, 1997 (at least once each operating day);
 - (c) Inspection and maintenance performed on the packed-bed scrubber, ductwork or monitoring equipment including inspection date and results of the inspection (at least quarterly);
 - (d) The occurrence, duration, and cause of any malfunction of the packed bed scrubber or monitoring equipment, and the actions taken to correct any malfunction; and
 - (e) Identification of each period that the packed-bed scrubber operates outside the range of compliant pressure drop values or compliant velocity pressure values and whether a malfunction occurred during that period.
4. A source test to demonstrate compliance with the emission limits above shall be conducted in accordance with 40 CFR Section 63.344 and PSAPCA Regulation I, Section 3.07(b), no later than July 24, 1997. A source test plan which describes the process to be tested, the conditions under which testing is to be conducted (tank loading), the sampling locations, and the test methods to be used shall be submitted to PSAPCA 30 days prior to the source test. During the test, the pressure drop values across the packed-bed scrubber and the velocity pressure at the inlet to the packed-bed scrubber shall be recorded periodically. The final test results shall be submitted within 60 days of the completion of the test.

Pursuant to Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, an appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of receiving this Order.


ABIGAIL C. LEE
Reviewing Engineer


JAY M. WILLENBERG PE
Reviewing Engineer


DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 6902

Date SEP 25 1997

A dry filter particulate control system installed in the exhaust plenum above the existing Down Draft Paint Preparation Area in the Rudder and Elevator Paint Shop, Bldg. 45-04, Column P.5-10, used to control particulate from sanding operations.

C E MORRIS

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing Everett shall install and maintain a differential pressure transmitter or gauge to measure the pressure drop across the new dry filter particulate control system. The pressure drop shall be displayed on a readout or the gauge. Within 90 days after beginning operations, the acceptable pressure drop range shall be clearly marked on or nearby the readout or gauge.
4. The Boeing Everett Operation and Maintenance Plan shall include procedures for monthly inspections of the dry filter particulate control system.
5. This Order of Approval No. 6902, issued to add the description of new control equipment, hereby supersedes and cancels Order of Approval No. 4503 dated Jun 1, 1992.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

J M W Wilenberg

JAY M. WILLENBERG
Reviewing Engineer

David D. Kirl

for DENNIS J. McLERRAN
Air Pollution Control Officer



Puget Sound Clean Air Agency

Notice of
Construction No. 7067
Registration No. 13120
Date 7/28/2004

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Upgrade the current Corrosion Inhibitor Compound Ventilation System at the existing 747 46/48 Section Southwest Tool Position by adding two new exhaust hoods, exhaust grill, two new filter boxes equipped with two-stage filter system, a 34,000 cfm exhaust fan, and a roof mounted exhaust stack, located in Building 40-23, Column G-8, to increase capture and control of overspray when spraying the fuselage exterior and interior fuselage of the 747 with primers, topcoats, corrosion inhibiting compounds, or other specialty coatings.

APPLICANT

Christine Morris
Boeing Commercial Airplane Grp(Evrt)
PO Box 3707, Ms Oh-00
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Grp(Evrt)
PO Box 3707, Ms Oh-00
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane Grp(Evrt), 3003 W Casino Rd, Everett, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing shall install and maintain a gauge to measure the pressure drop across the spray area exhaust filters. Within 90 days after beginning operations, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
4. Once each month that the spray area is used, Boeing shall determine if the pressure drop across the exhaust filters is in the acceptable range. When data is obtained for 12 consecutive months demonstrating the pressure drop is in the acceptable range, the monitoring frequency may then be reduced to quarterly. If the pressure drop is found outside the acceptable range during quarterly inspections, then monthly inspections shall be reinstated for another 12 consecutive months.
5. If the pressure drop is not within the acceptable range, Boeing shall take corrective action as specified in the facility's Operation and Maintenance Plan.
6. Boeing shall use best management practices in their spray coating operation, including the collection of VOC containing materials used for cleanup of equipment to minimize evaporation to the atmosphere, keeping containers used for storage and disposal of VOC containing materials closed except when these containers are being cleaned or when materials are being added, mixed or removed; and storing solvent rags and paper for disposal in closed containers.
7. Boeing shall limit primer and topcoat applications to those activities described in 40 CFR 63.745(g)(4).

Order of Approval for NC No. 7067

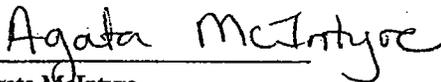
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8. Boeing shall use Airless, Air-Assisted Airless, high volume low pressure (HVLP), hand-held spray cans, electrostatic spray application, flow/curtain coat, dip coat, roll coat, or brush coat for the application of Corrosion Inhibiting Compound (CIC).

9. Boeing may use other coating application methods for application of CIC that have a transfer efficiency of 60% or greater if Boeing pre-determines the transfer efficiency of these other methods. Boeing shall use either a transfer efficiency test approved by the Puget Sound Clean Air Agency or shall otherwise demonstrate to the satisfaction of the Agency that the method has a transfer efficiency of 60% or greater. Boeing shall provide written notification to the Puget Sound Clean Air Agency of the results of the transfer efficiency determination prior to implementing the new application method.

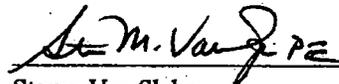
10. The aerospace coating applications in this booth shall comply with the standards for primer and topcoat applications in 40 CFR 63.745 (9/1/95) by September 1, 1998.

11. This Order of Approval No. 7067, issued to allow for the use of several high transfer efficiency coating methods, hereby supersedes and cancels Order of Approval No. 7067 dated October 17, 1997.



Agata McIntyre
Reviewing Engineer

ns



Steven Van Slyke
Supervising Engineer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 7210

Date NOV 20 1997

Convert the paint filtration systems for the existing 45-01 Paint Hangar Operation, which is used to paint completed aircraft, from air water wash units to a two-stage Dry Filter System.

FRANK J MIGAILO

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

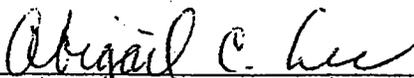
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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

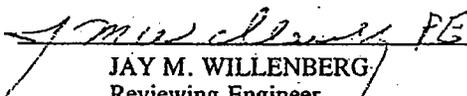
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing shall install and maintain a differential pressure gauge to measure the pressure drop across the new dry filter particulate control system. The pressure drop shall be displayed on a readout or the gauge. Within 90 days after beginning operations, the acceptable pressure drop range shall be clearly marked on or nearby the readout or gauge.
4. Beginning on or before September 1, 1998, once during each shift that the spray area is used, Boeing Everett shall determine and record if the pressure drop across the exhaust filters is in the acceptable range.
5. If the pressure drop is not within the acceptable range, Boeing Everett shall take corrective action as specified in the facility's Operation and Maintenance Plan.
6. The aerospace coating applications in the 45-01 Paint Hangar shall comply with the standards for primer and topcoat applications in 40 CFR 63.745 (9/1/95) by September 1, 1998.

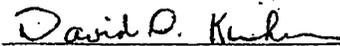


ABIGAIL C. LEE
Reviewing Engineer

MEJ



JAY M. WILLENBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 7217

Date DEC 22 1997

Convert the paint filtration systems for the existing 45-03 Paint Hangar, 4 Fans at 60,000 to 115,000 cfm exhausted through a Dry Filter System, including a 15,000 gallon underground solvent Storage Tank.

FRANK J MIGAILOLO/TOM SNIDER

A P P L I C A N T	BOEING COMMERCIAL AIRPLANE GRP(EVRT) PO BOX 3707, MS OH-00 SEATTLE WA 98124-2207	O W N E R	BOEING COMMERCIAL AIRPLANE GRP(EVRT) PO BOX 3707, MS OH-00 SEATTLE WA 98124-2207
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INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing (Everett) shall install and maintain a differential pressure transmitter or gauge to measure the pressure drop across the new dry filter particulate control system. The pressure drop shall be displayed on a readout or gauge. Within 90 days after beginning operations, the acceptable range shall be clearly marked on or nearby the readout or gauge.
4. Beginning on or before September 1, 1998, once during each shift that the spray area is used, Boeing (Everett) shall determine and record if the pressure drop across the exhaust filters is in the acceptable range.
5. Boeing (Everett) shall comply with the Aerospace NESHAP, 40 CFR 63 Subpart GG by September 1, 1998.
6. This Order of Approval No. 7217, issued to convert to a dry filter system, hereby supersedes and cancels Order of Approval No. 1990 dated May 22, 1995.

Abigail C. Lee

ABIGAIL C. LEE
Reviewing Engineer

MEJ

J M W Willenberg *David O. Kerr*

JAY M. WILLENBERG
Reviewing Engineer

for DENNIS J. McLERRAN
Air Pollution Control Officer



Puget Sound Clean Air Agency

Notice of
Construction No. 7438

Registration No. 13120

Date AUG 1 2001

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Three Steam Boilers rated at 125,000 pounds per hour each; one designated as Boiler No. 4 will be located in Building 40-12 and two will be located in Building 45-07 (SSC). NOx is controlled by using Flue Gas Recirculation (FGR).

APPLICANT

Frank Migaiolo
Boeing Commercial Airplane Group (Everett)
PO Box 3707, MC OH-00
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Group (Everett)
PO Box 3707, MC OH-00
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Everett), 3003 W Casino Rd, Everett, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. These boilers shall comply with all applicable requirements of the new Source Performance Standards (NSPS), Subpart A "General Provisions" and Subpart Db "Standards of Performance for Small Industrial-Commercial Units" of Title 40 Code of Federal Regulations Part 60 (40 CFR 60).
4. Boeing shall install and operate continuous emission monitoring systems on all three boilers to measure the NOx and diluent gas in accordance with Article 12 of Puget Sound Clean Air Agency Regulation I and EPA Title 40 Code of the Federal Regulations, Part 60, Appendix B, Performance Specification 2 and Appendix F.
5. The boilers shall be fueled only by natural gas except for periods when the supply of natural gas has been curtailed, or for limited testing to insure proper operations of oil burning equipment, including day tank turnover. During periods of natural gas curtailment and during limited test periods, the boilers may be fueled by back-up fuel. Back-up fuel may be either Jet A or diesel distillate oils.
6. Boeing shall limit the combustion of back-up fuel in Boilers No. 4, No. 5 and No. 6 combined to:
 - (a) 13.68 million pounds in any 12 consecutive months, and
 - (b) 0.40 million pounds for the purposes of testing in any 12 consecutive months.
7. NOx emissions from each of the boiler stacks shall not exceed the following emission limits:
 - (a) While burning natural gas: 0.050 lb/million Btu (21 ng/J) as determined by the monitoring system as required in Condition No. 4; and

Order of Approval for NC No. 7438

AUG 1 2001

(b) While burning back-up fuel: 0.100 lb/million Btu (43 ng/J) as determined by the monitoring system as required in Condition No. 4.

8. Compliance with the NO_x emission limits in Condition No. 7 shall be determined on a 30-day rolling average basis. The 30-day rolling average emission rate shall be calculated as the average of all hourly emissions data recorded by the monitoring system for the last 30 steam generating unit operation days. A new 30-day rolling average emissions rate shall be calculated each steam generating unit operating day as the average of all hourly NO_x emission data for the preceding 30 steam generating unit operating days. "One-hour period" means any 60-minute period commencing on the hour. A "one-hour data average" shall be computed from four or more data points equally spaced over each one-hour period. Data recorded during periods of continuous monitoring system breakdown, repairs, calibration checks, and zero and span adjustments shall not be included in the data averages computed.

9. The peak emission rate of NO_x as NO₂ per boiler shall not exceed 7.6 lb/hr (3.45 kg/hr) on an hourly average when firing natural gas, and 14.6 lb/hr (6.63 kg/hr) on an hourly average when firing Jet A or diesel fuels as determined by the monitoring system as required in Condition No. 4.

10. For any 12 consecutive months, NO_x emissions shall not exceed 48.2 tons from Boilers No. 4, No.5 and No. 6 combined as determined by the monitoring system as required in Condition No. 4.

11. Compliance with the NO_x emission limits in Conditions No. 9 and No. 10 shall be determined using the following assumptions:

(a) NO_x emissions, as lb/million Btu, shall be calculated for minute averages using Method 19, Equation 19.1 in 40 CFR Part 60, Appendix A. Therefore, NO_x emissions (lb/million Btu (minute average)) = $CdFd[20.9/(20.9 - \%O_2\text{dry})]$, where $Cd = \text{NO}_x \text{ ppm dry (minute average)} \times 1.194E-7$ and $Fd = 8710 \text{ dscf/million Btu for gas or } Fd = 9190 \text{ dscf/million Btu for oil}$.

(b) The minute averages for lb NO_x/MMBtu are converted to minute averages for lb NO_x/hr so that NO_x emissions (lb/hr (minute average)) = NO_x/MMBtu (minute average) x MMBtu/hr (minute avg.).

(c) The minute averages for lb NO_x/hr are used to produce an hourly average for lb NO_x/hr. The hourly averages are then summed to establish the total lbs. NO_x for a day so that NO_x emissions (lb/hr (hourly average)) = the sum of (lb/hr (minute average))/60, and NO_x daily emissions = the sum of NO_x emissions (hourly average).

(d) The daily pounds are summed to determine the monthly sum, and the latest 12 monthly sums are summed to determine the 12-month rolling total so that NO_x monthly emissions = the sum of NO_x daily emissions (for specified month), and NO_x annual emissions = the sum of NO_x monthly emissions (for latest 12-month period).

12. Within 30 days after the end of each month, Boeing shall report to the Puget Sound Clean Air Agency, and as required by EPA Region 10, the following:

(a) Any periods exceeding the limits listed in Conditions No. 7, No. 9 or No. 10;

(b) The total NO_x emissions for the current month;

(c) The rolling total NO_x emissions for the preceding 12 months;

(d) The total amount of back-up fuel consumed in the preceding 12 months; and

(e) Whenever back-up fuel usage exceeds 0.40 million pounds for any 12-consecutive month period, report what portion of back-up fuel usage was combusted for curtailment versus testing.

Order of Approval for NC No. 7438

AUG 1 2001

This monthly report shall state the permit limits for each reportable parameter. Boeing may choose to report this information in a graphical format that is approved by the Puget Sound Clean Air Agency.

13. Boeing shall limit the sulfur content of its back-up fuel oil to no more than 0.05% sulfur by weight. Boeing shall demonstrate compliance with the specification for low sulfur fuel oil by providing supplier certification as described by 40 CFR 60.49b(r). The fuel supplier certification shall include the name of the oil supplier, and a statement from the oil supplier that the oil complies with the fuel oil sulfur limit of no more than 0.05% sulfur by weight.

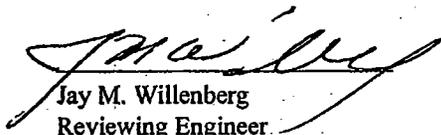
14. When firing back-up fuel oil, Boeing shall operate and maintain a monitoring system for measuring excess oxygen in the exhaust gas steam, as an alternate means of demonstrating compliance with 40 CFR 60.43b(f). When firing back-up fuel oil, Boeing shall maintain excess O₂ at or greater than 2% (6-minute average), except during startup, shutdown, or malfunctions of the boilers.

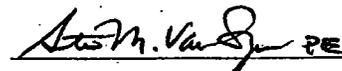
15. Boeing shall modify its CEM system as necessary to monitor compliance with the new NO_x emissions limits specified in this Order of Approval by August 31, 1999. Prior to the CEMS modification, the old NO_x emission limits contained in the PSD-92-05 Amendment 1 and Order of Approval No. 4613 dated May 26, 1995 shall apply.

16. This Order of Approval No. 7438, which previously superseded Order of Approval No. 4613 dated May 26, 1995 and became effective Sep 1, 1999, is issued to correct 40 CFR number references in Conditions No. 13 and 14, and hereby supersedes and cancels Order of Approval No. 7438 dated Aug 4, 1999.

APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.


Jay M. Willenberg
Reviewing Engineer
mej


Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 7438

Registration No. 13120

Date AUG 4 1999

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Three Steam Boilers rated at 125,000 pounds per hour each; one designated as Boiler No. 4 will be located in Building 40-12 and two will be located in Building 45-07 (SSC). NOx is controlled by using Flue Gas Recirculation (FGR).

APPLICANT

Frank Migaiolo
Boeing Commercial Airplane Group (Everett)
PO Box 3707, MC OH-00
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Group (Everett)
PO Box 3707, MC OH-00
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane (Everett), 3003 W Casino Rd, Everett, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. These boilers shall comply with all applicable requirements of the new Source Performance Standards (NSPS), Subpart A "General Provisions" and Subpart Db "Standards of Performance for Small Industrial-Commercial Units" of Title 40 Code of Federal Regulations Part 60 (40 CFR 60).
4. Boeing shall install and operate continuous emission monitoring systems on all three boilers to measure the NOx and diluent gas in accordance with Article 12 of Puget Sound Clean Air Agency Regulation I and EPA Title 40 Code of the Federal Regulations, Part 60, Appendix B, Performance Specification 2 and Appendix F.
5. The boilers shall be fueled only by natural gas except for periods when the supply of natural gas has been curtailed, or for limited testing to insure proper operations of oil burning equipment, including day tank turnover. During periods of natural gas curtailment and during limited test periods, the boilers may be fueled by back-up fuel. Back-up fuel may be either Jet A or diesel distillate oils.
6. Boeing shall limit the combustion of back-up fuel in Boilers No. 4, No. 5 and No. 6 combined to:
 - (a) 13.68 million pounds in any 12 consecutive months, and
 - (b) 0.40 million pounds for the purposes of testing in any 12 consecutive months.
7. NOx emissions from each of the boiler stacks shall not exceed the following emission limits:
 - (a) While burning natural gas: 0.050 lb/million Btu (21 ng/J) as determined by the monitoring system as required in Condition No. 4; and

(b) While burning back-up fuel: 0.100 lb/million Btu (43 ng/J) as determined by the monitoring system as required in Condition No. 4.

8. Compliance with the NO_x emission limits in Condition No. 7 shall be determined on a 30-day rolling average basis. The 30-day rolling average emission rate shall be calculated as the average of all hourly emissions data recorded by the monitoring system for the last 30 steam generating unit operation days. A new 30-day rolling average emissions rate shall be calculated each steam generating unit operating day as the average of all hourly NO_x emission data for the preceding 30 steam generating unit operating days. "One-hour period" means any 60-minute period commencing on the hour. A "one-hour data average" shall be computed from four or more data points equally spaced over each one-hour period. Data recorded during periods of continuous monitoring system breakdown, repairs, calibration checks, and zero and span adjustments shall not be included in the data averages computed.

9. The peak emission rate of NO_x as NO₂ per boiler shall not exceed 7.6 lb/hr (3.45 kg/hr) on an hourly average when firing natural gas, and 14.6 lb/hr (6.63 kg/hr) on an hourly average when firing Jet A or diesel fuels as determined by the monitoring system as required in Condition No. 4.

10. For any 12 consecutive months, NO_x emissions shall not exceed 48.2 tons from Boilers No. 4, No.5 and No. 6 combined as determined by the monitoring system as required in Condition No. 4.

11. Compliance with the NO_x emission limits in Conditions No. 9 and No. 10 shall be determined using the following assumptions:

(a) NO_x emissions, as lb/million Btu, shall be calculated for minute averages using Method 19, Equation 19.1 in 40 CFR Part 60, Appendix A. Therefore, NO_x emissions (lb/million Btu (minute average)) = $CdFd[20.9/(20.9 - \%O_2dry)]$, where $Cd = NO_x \text{ ppm dry (minute average)} \times 1.194E-7$ and $Fd = 8710 \text{ dscf/million Btu for gas or } Fd = 9190 \text{ dscf/million Btu for oil}$.

(b) The minute averages for lb NO_x/MMBtu are converted to minute averages for lb NO_x/hr so that NO_x emissions (lb/hr (minute average)) = NO_x/MMBtu (minute average) x MMBtu/hr (minute avg.).

(c) The minute averages for lb NO_x/hr are used to produce an hourly average for lb NO_x/hr. The hourly averages are then summed to establish the total lbs. NO_x for a day so that NO_x emissions (lb/hr (hourly average)) = the sum of (lb/hr (minute average))/60, and NO_x daily emissions = the sum of NO_x emissions (hourly average).

(d) The daily pounds are summed to determine the monthly sum, and the latest 12 monthly sums are summed to determine the 12-month rolling total so that NO_x monthly emissions = the sum of NO_x daily emissions (for specified month), and NO_x annual emissions = the sum of NO_x monthly emissions (for latest 12-month period).

12. Within 30 days after the end of each month, Boeing shall report to the Puget Sound Clean Air Agency, and as required by EPA Region 10, the following:

(a) Any periods exceeding the limits listed in Conditions No. 7, No. 9 or No. 10;

(b) The total NO_x emissions for the current month;

(c) The rolling total NO_x emissions for the preceding 12 months;

(d) The total amount of back-up fuel consumed in the preceding 12 months; and

(e) Whenever back-up fuel usage exceeds 0.40 million pounds for any 12-consecutive month period, report what

Order of Approval for NC No. 7438

AUG 4 1999

portion of back-up fuel usage was combusted for curtailment versus testing.

This monthly report shall state the permit limits for each reportable parameter. Boeing may choose to report this information in a graphical format that is approved by the Puget Sound Clean Air Agency.

13. Boeing shall limit the sulfur content of its back-up fuel oil to no more than 0.05% sulfur by weight. Boeing shall demonstrate compliance with the specification for low sulfur fuel oil by providing supplier certification as described by 40 CFR 60.42b(h), 60.44c(h) and 609.48(f)(1). The fuel supplier certification shall include the name of the oil supplier, and a statement from the oil supplier that the oil complies with the fuel oil sulfur limit of no more than 0.05% sulfur by weight.

14. When firing back-up fuel oil, Boeing shall operate and maintain a monitoring system for measuring excess oxygen in the exhaust gas steam, as an alternate means of demonstrating compliance with 40 CFR 60.43(f). When firing back-up fuel oil, Boeing shall maintain excess O₂ at or greater than 2% (6-minute average), except during startup, shutdown, or malfunctions of the boilers.

15. Boeing shall modify its CEM system as necessary to monitor compliance with the new NO_x emissions limits specified in this Order of Approval by August 31, 1999. Prior to the CEMS modification, the old NO_x emission limits contained in the PSD-92-05 Amendment 1 and Order of Approval No. 4613 dated May 26, 1995 shall apply.

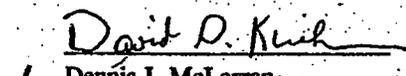
16. This Order of Approval No. 7438, issued to amend conditions to allow greater operating flexibility and to align this Order of Approval with PSD 92-05, hereby supersedes and cancels Order of Approval No. 4613 dated May 26, 1995, and becomes effective on September 1, 1999.

APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.


Abigail Lee
Reviewing Engineer
mej


Jay M. Willenberg, PE
Reviewing Engineer


for Dennis J. McLerran
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 13120

Notice of Construction No. 7459

Date SEP 18 1998

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

One 777 Wing Body Join CS&P (Clean, Seal & Paint) Facility #2, 60'x28'x32', 42 wing stubs/yr at 84,000 cfm (two stacks at 50" dia, ea.) 7,000 cfm (22" dia. stack) and 300 cfm (12" dia. stack) with two stage filters in Bldg 40-26, Col N/O-

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FRANK MIGAILO

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BOEING COMMERCIAL AIRPLANE (EVERETT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

O BOEING COMMERCIAL AIRPLANE (EVERETT)
W
N PO BOX 3707, MS OH-00
E
R SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE (EVERETT), 3003 W CASINO RD, EVERETT, WA, 98201

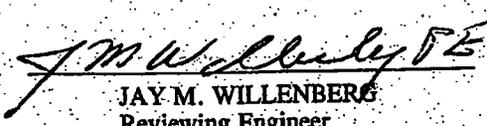
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing shall provide VOC offsets as required by its PSD #91-06 permit from Ecology.
4. Boeing may utilize the facility to control emissions from surface preparation and surface coating of non-aerospace parts and tooling. This alternative use of the facility shall not occur concurrently with the use of the facility in the wing body join clean, seal, and paint process.
5. This Order of Approval No. 7459, amended to allow alternative use of this facility, hereby supersedes and cancels Order of Approval No. 4128 dated May 22, 1995.

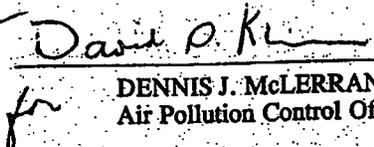

ABIGAIL C. LEE

Reviewing Engineer

MEJ


JAY M. WILLENBERG

Reviewing Engineer


DENNIS J. McLERRAN

Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of
Construction No. 7498

Registration No. 13120

Date MAR 3 1999

Miscellaneous Spray Coating Operations, outside of a spray enclosure, for items that cannot be reasonably handled in an enclosed spray area as provided by PSAPCA Regulation I, Section 9.16(b) or 40 CFR 63.745(g)(4)(ix), located at Boeing Everett.

APPLICANT

Frank Migaiolo
Boeing Commercial Airplane
PO Box 3707, MC OH-00
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane
PO Box 3707, MC OH-00
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane Grp(Evrt), 3003 W Casino Rd, Everett, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the **INSTALLATION ADDRESS** in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing shall limit spray coating operations outside of a spray enclosure to operations such as:
 - (a) Coating areas that were covered by holding fixtures, tooling, or protective masking during original painting operations,
 - (b) Coating over sealants applied throughout the manufacturing process,
 - (c) Coating areas which are imperfections like poor coverage, scratched, damaged paint, runs in paint, fish eyes, etc.,
 - (d) Coating areas on large subassemblies normally scheduled to be painted in ventilated enclosures, but required to travel due to out-of-sequence work or supplier shortages,
 - (e) Coating areas of fasteners, components, assemblies, subassemblies or surfaces that are joined, replaced, damaged, repaired or trimmed,
 - (f) Coating prior to joining dissimilar metal components,
 - (g) Stencil operations, decorative or temporary marking operations,
 - (h) Touchup of bushings and other similar parts,

Order of Approval for NC No. 7498

- (i) Sealant detackifying.
 - (j) Coating operations on the assembly flightline, and
 - (k) Coating areas on large subassemblies or parts that are too large to be reasonably handled in an enclosed spray booth.
4. Boeing shall not cause or allow fallout from spray painting operations such that the presence of the fallout remains visible at or near any building exhaust.

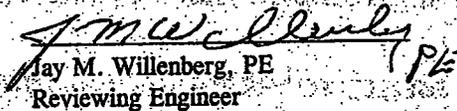
APPEAL RIGHTS

Pursuant to PSAPCA's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of the date the applicant receives this Order.



Abigail Lee
Reviewing Engineer

mej



Jay M. Willenberg, PE
Reviewing Engineer



Dennis J. McLerran
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 13120

Notice of
Construction No. 7509

Date JUL 17 1998

One Vinyl Repair Spray Booth, Bleeker Bros. with a Dry Filter System rated at 8,000 cfm, located in Building 45-02 Column E10, in the vinyl repair shop for touchup and repair of aircraft interior parts.

TERRI LORDS

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

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BOEING COMMERCIAL AIRPLANE GRP(EVRT)
PO BOX 3707, MS OH-00
SEATTLE WA 98124-2207

INSTALLATION ADDRESS

BOEING COMMERCIAL AIRPLANE GRP(EVRT), 3003 W CASINO RD, EVERETT, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing (Everett) shall install and maintain a gauge to measure the pressure drop across the exhaust filters of the spray booth. Within 90 days after the date of this Order of Approval, the acceptable range for the gauge shall be clearly marked on or nearby the gauge or on the pressure drop log.
4. Beginning on or before September 1, 1998, once during each shift that the spray booth is used, Boeing (Everett) shall determine and record if the pressure drop across the exhaust filters is in the acceptable range.
5. If the pressure drop is not within the acceptable range, Boeing (Everett) shall take corrective action as specified in the facility's Operation and Maintenance Plan.
6. The aerospace coating applications in the vinyl repair spray booth shall comply with the standards for primer and topcoat applications in 40 CFR 63-745 by September 1, 1998.
7. This Order of Approval No. 7509, issued to convert spray booth from water wash to dry filter, hereby supersedes and cancels Order of Approval No. 5341 dated Feb 18, 1994.

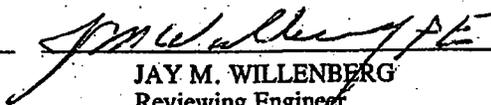
APPEAL RIGHTS

Pursuant to PSAPCA's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of the date the applicant receives the Order.

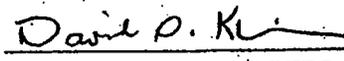


ABIGAIL C. LEE
Reviewing Engineer

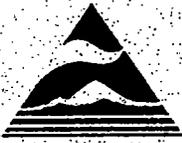
MEJ



JAY M. WILLENBERG
Reviewing Engineer



for DENNIS J. McLERRAN
Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of
Construction No. 7550
Registration No. 13120
Date MAY 28 1999

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

An Alternate Means of Compliance, as allowed by Regulation I, Section 3.23, to comply with Regulation II, Section 3.08(b) to conduct non-spray application of products containing styrene, outside of a spray enclosure, in areas other than enclosed, vertically exhausted booths throughout the Boeing Everett facility.

APPLICANT

Frank Migalolo/John Fosberg
Boeing Commercial Airplane Group (Everett)
PO Box 3707, MC OH-00
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Group (Everett)
PO Box 3707, MC OH-00
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane Group (Everett), 3003 W Casino Rd, Everett, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing shall implement an odor complaint response procedure to handle any incoming odor complaints from the public and shall record such complaints from the public and the action taken to resolve the odor complaint. Boeing shall provide these records to PSAPCA upon request.
4. For spray coating applications of polyester resin, vinylester resin, gelcoat, or any other resin, Boeing shall conduct these activities only in enclosed booths vented to the outside and equipped with a dry filter to control over spray.
5. Boeing Everett shall limit application of products containing styrene outside of a ventilated booth enclosure to brush or other hand-application methods.
6. This Order of Approval No. 7550, issued to amend Condition No. 3, hereby supersedes and cancels Order of Approval No. 7550 dated Feb 24, 1999.

APPEAL RIGHTS

Pursuant to PSAPCA's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of the date the applicant receives this Order.

Abigail Lee
Reviewing Engineer

mej

Jay M. Willenberg, PE
Reviewing Engineer

Dennis J. McLerran
Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of
Construction No. 7550

Registration No. 13120

Date FEB 24 1999

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

An Alternate Means of Compliance, as allowed by Regulation I, Section 3.23, to comply with Regulation II, Section 3.08(b) to conduct non-spray application of products containing styrene, outside of a spray enclosure, in areas other than enclosed, vertically exhausted booths throughout the Boeing Everett facility.

APPLICANT

Frank Migatolo/John Fosberg
Boeing Commercial Airplane Grp(Evrt)
PO Box 3707, Ms Oh-Oo
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Grp(Evrt)
PO Box 3707, Ms Oh-Oo
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane Grp(Evrt), 3003 W. Casino Rd, Everett, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing shall implement a complaint response procedure to handle any incoming complaints which will include recording of any air pollution complaint by the public, including employees, and of the action taken to respond to the complaint. Boeing shall provide these records to PSAPCA upon request.
4. For spray coating applications of polyester resin, vinylester resin, gelcoat, or any other resin, Boeing shall conduct these activities only in enclosed booths vented to the outside and equipped with a dry filter to control over spray.
5. Boeing Everett shall limit application of products containing styrene outside of a ventilated booth enclosure to brush or other hand-application methods.

APPEAL RIGHTS

Pursuant to PSAPCA's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of the date the applicant receives this Order.

Abigail Lee
Reviewing Engineer

mej

Jay M. Willenberg, PE
Reviewing Engineer

Dennis J. McLerran
Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of
Construction No. 7637

Registration No. 13120

Date **DEC 15 1998**

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Convert from a Water-Wash Filtration System to an Aerospace NESHAP Compliant 2-Stage Dry Filtration System for all seven existing Air Scrubbers, six of which provide 160,000 cfm and one provides 20,000 cfm, to exhaust air flow in the Seal, Test and Paint (ST&P) facility in Building 40-51 at the Boeing Everett site.

APPLICANT

Frank Migaiolo
Boeing Commercial Airplane Group (Everett)
PO Box 3707, MC OH-00
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Group (Everett)
PO Box 3707, MC OH-00
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane Group Everett), 3003 W Casino Rd, Everett, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing Everett shall install and maintain a differential pressure transmitter or gauge to measure the pressure drop across the new dry filter particulate control systems. The pressure drop shall be displayed on a readout or the gauge. Within 90 days after beginning operations, the acceptable pressure drop range shall be clearly marked on or nearby the readout, gauge, or pressure drop log.
4. Once during each shift that the spray area is used, Boeing (Everett) shall determine and record if the pressure drop across the respective exhaust filters is in the acceptable range. If the pressure drop is not within the acceptable range, Boeing (Everett) shall take corrective action as specified in the facility's Operation and Maintenance Plan.

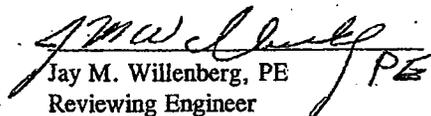
APPEAL RIGHTS

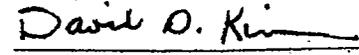
Pursuant to PSAPCA's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of the date the applicant receives this Order.



Abigail Lee
Reviewing Engineer

mej


Jay M. Willenberg, PE
Reviewing Engineer



Dennis J. McLerran
Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of
Construction No. 7744
Registration No. 13120
Date MAY 18 1999

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

One Bleeker Bros PF-8-7-5 Dry Filter System Spray Coating Booth rated at 6,000 cfm, used to apply adhesives and other coatings to aircraft parts, located in Building 40-56.

APPLICANT

Frank Migaiolo
Boeing Commercial Airplane Group (Everett)
PO Box 3707, MC OH-00
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Group (Everett)
PO Box 3707, MC OH-00
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane Group (Everett), 3003 W Casino Rd, Everett, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing (Everett) shall install and maintain a gauge to measure the pressure drop across the exhaust filters of the spray booth. Within 90 days after the date of this Order of Approval, the acceptable range for the gauge shall be clearly marked on or nearby the gauge or on the pressure drop log.
4. Once each week that the spray booth is used, Boeing (Everett) shall determine and record if the pressure drop across the exhaust filters is in the acceptable range.
5. If the pressure drop is not within the acceptable range, Boeing (Everett) shall take corrective action as specified in the facility's Operation and Maintenance Plan.

APPEAL RIGHTS

Pursuant to PSAPCA's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of the date the applicant receives this Order.

Abigail Lee
Reviewing Engineer
mej

Jay M. Willenberg, PE
Reviewing Engineer

for Dennis J. McLerran
Air Pollution Control Officer

Puget Sound Clean Air Agency

110 Union Street, Suite 500, Seattle, WA 98101-2038

Notice of
Construction No. 8071

Registration No. 13120

Date MAR 9 2000

Clean Air Agency

GENERAL REGULATORY ORDER

Under the authority of Puget Sound Clean Air Agency Regulation I, Section 3.03, General Regulatory Orders, this Order is issued to:

Boeing Commercial Airplane Group - Everett

for the facility located at:

3003 W Casino Rd
Everett, WA 98201

Proposed Averaging Scheme for Primers:

1. Boeing Commercial Airplane Group Everett may use any combination of uncontrolled primers, including waterborne primers, at one or more emission units, within that same facility, where aerospace exterior commercial priming operations occur that are subject to 40 CFR 63.745(c), provided that:

(a) The monthly volume-weighted average organic HAP content of the combination of exterior commercial primers does not exceed 650 g/liter (less water); and

(b) The monthly volume-weighted average VOC content of the combination of exterior commercial primers does not exceed 650 g/liter (less water and exempt solvents). [Nov. 30, 1999 EPA Letter]

2. (a) Boeing shall maintain records of the monthly volume-weighted average mass of organic HAP emitted per unit volume of primer as applied (less water) (Ha) for all exterior commercial primers for which averaging is used to meet the HAP content limit (as determined by the procedures specified in 40 CFR 63.750(d)); and all data and calculations used to determine Ha for each emission unit for which Boeing wishes to use this averaging scheme to demonstrate compliance with the HAP content limit. [40CFR 63.752(c)(4)]

(b) Boeing shall maintain records of the monthly volume-weighted average mass of VOC emitted per unit volume of primer as applied (less water and exempt solvents) (Ga) for all exterior commercial primers for which averaging is used to meet the VOC content limit (as determined by the procedures specified in 40 CFR 63.750(f)); and all data and calculations used to determine Ga for each emission unit for which Boeing wishes to use this averaging scheme to demonstrate compliance with the VOC content limit. [40CFR 63.752(c)(4)]

(c) If before the beginning of any calendar month Boeing enters into a log that a specific emission unit or units will only use exterior commercial primers with organic HAP content that does not exceed 650 g/liter (less water) and makes that log available to Puget Sound Clean Air Agency personnel upon request, then Boeing does not need to follow Condition No. 2(a) for that month or months. [WAC 173-401-650(1)]

(d) If before the beginning of any calendar month Boeing enters into a log that a specific emission unit or units will only use exterior commercial primers with VOC content that does not

General Regulatory Order for NC No. 8071

exceed 650 g/liter (less water and exempt solvents) and makes that log available to Puget Sound Clean Air Agency personnel upon request, Boeing does not need to follow Condition No. 2(b) for that month or months. [WAC 173-401-650(1)]

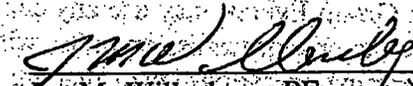
3. Boeing shall report to Puget Sound Clean Air Agency Operating Permit Certification each value of Ha and Ga, if any, that exceeds the 650 g/liter HAP and VOC content limit, as determined under this averaging scheme. These reports shall be submitted with the facility's semiannual compliance status report. [40CFR 63.753(c)(1)(ii)]

APPEAL RIGHTS

Pursuant to Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, an appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of receiving this Order.



Abigail Lee
Reviewing Engineer



Jay M. Willenberg, PE
Reviewing Engineer



Dennis J. McLerran
Air Pollution Control Officer

RESOLUTION NO. 913

**RESOLUTION OF THE BOARD OF DIRECTORS
OF THE PUGET SOUND CLEAN AIR AGENCY**

**APPROVING: General Regulatory Orders No 8071, No. 8072 and No. 8073
Proposed Averaging Scheme for Primers**

**Boeing Commercial Airplane Group - Everett
3003 W Casino Rd
Everett, WA 98201**

**Boeing Commercial Airplane Group -North Boeing Field
7755 E Marginal Way S
Seattle, WA 98108**

**Boeing Commercial Airplane - Renton
800 Logan Ave N
Renton, WA 98055**

WHEREAS, Boeing Commercial Airplane Group owns and operates airplane manufacturing facilities located at Everett, Seattle and Renton; and

WHEREAS, Boeing Commercial Airplane Group - Everett, North Boeing Field and Renton have proposed averaging scheme for volatile organic compounds (VOCs) and hazardous air pollutants (HAPs) in exterior commercial primers;

WHEREAS, the proposed averaging scheme would allow these facilities to comply with the VOC and HAP requirements for exterior commercial primers by averaging over a month primers used at one or more emissions units together instead of have each coating comply with the coating limits;

WHEREAS, the proposed Orders specify procedures, recordkeeping and reporting requirements consistent with the federal standards for aerospace manufacturing and rework facilities in 40 CFR Part 63, Subpart GG, and Puget Sound Clean Air Agency Regulation III, Section 2.02;

WHEREAS, the Puget Sound Clean Air Agency Board of Directors is authorized to issue general regulatory orders to apply any applicable provision of Chapter 70.94 RCW or rules adopted thereunder, in accordance with Section 3.03 of Regulation I; and

WHEREAS, draft General Regulatory Orders No. 8071, No. 8072 and No. 8073 have been prepared and the public involvement process for issuing general regulatory orders in

Section 3.03 of Regulation I has been followed, including publication of notices in newspapers of general circulation in the area where the facility is located,

WHEREAS, no requests for a public hearing were received, now, therefore,

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE PUGET SOUND CLEAN AIR AGENCY:

The Board of Directors does hereby issue General Regulatory Orders No. 8071, No. 8072 and No. 8073 and recommends that the Department of Ecology submit the Orders to the U. S. EPA for inclusion in the State Implementation Plan.

PASSED AND APPROVED by the Board of Directors at a regular meeting of the Board this 9th day of March 2000.

**PUGET SOUND CLEAN AIR
AGENCY**

By Margaret Pageler
Margaret Pageler
Chairperson, Board of Directors

Attest:

By Dennis J. McLerran
Dennis J. McLerran
Executive Director

Approved as to form:

By Laurie S. Halvorson
Laurie S. Halvorson
Agency Counsel



Puget Sound Clean Air Agency

Notice of
Construction No. 8246

Registration No. 13120

Date OCT 13 2000

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Ventilation System equipped with a Dry Filter System that complies with Aerospace NESHAP requirements for new booths for 747 Horizontal Stabilizer Work Position where horizontal stabilizers are cleaned, tested, and coated, located in Building 40-51.

APPLICANT

Frank Migaiolo
Boeing Commercial Airplane Group - Everett
PO Box 3707, MC OH-00
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Group - Everett
PO Box 3707, MC OH-00
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane Group - Everett, 3003 W Casino Rd, Everett, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing Everett shall install and maintain a differential pressure transmitter or gauge to measure the pressure drop across the new dry particulate control system. The pressure drop shall be displayed on a readout or the gauge. Within 90 days after beginning operations, the acceptable pressure drop range shall be clearly marked on or nearby the readout, gauge or the pressure drop log.
4. Boeing Everett shall log the pressure drop across the exhaust filter system once each shift that the spray booth is used for spraying primers or topcoats as defined in 40 CFR 63.742, that contain HAP concentration greater or equal to 0.1% for carcinogens and 1.0% for non-carcinogens. This condition does not apply to parts and assemblies not critical to the vehicle's structural integrity or flight performance. If the pressure drop is not within the acceptable range, Boeing Everett shall take corrective action as specified in the facility's Operation and Maintenance Plan.
5. The filters in the second stage of the filter system shall be held within the filter bank framework with clips or other devices to prevent the filter from falling out of the framework.
6. The Boeing Everett Operation and Maintenance Plan, as required by Regulation I Section 7.09(b), shall include provisions for inspecting the first stage of the filter system for proper seating and complete coverage over the exhaust plenum at least monthly and inspecting both the first stage and second stage filters every time the first stage filter is changed.
7. If improperly seated filters or incomplete coverage over the exhaust plenum are observed, Boeing shall take corrective action as specified in the facility's Operation and Maintenance Plan.

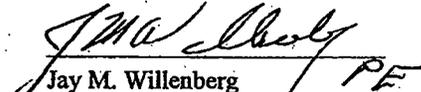
Order of Approval for NC No. 8246

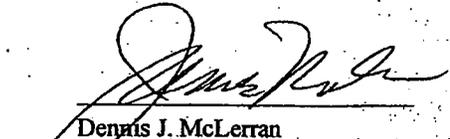
OCT 13 2000

APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.


Abigail Lee
Reviewing Engineer
mej


Jay M. Willenberg PE
Reviewing Engineer


Dennis J. McLerran
Air Pollution Control Officer



Puget Sound Clean Air Agency

Notice of
Construction No. 8249
Registration No. 13120
Date JAN 4 2001

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Convert one Binks Spray Coating Booth rated at 18,000 cfm from Water Wash Filtration System to Aerospace NESHAP-Compliant 3-Stage to Dry Filter System, located in Bldg. 40-51, Booth 3, Col. A-2.0.

APPLICANT

Frank Migaiolo
Boeing Commercial Airplane Group (Everett)
PO Box 3707, MC OH-00
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Group (Everett)
PO Box 3707, MC OH-00
Seattle, WA 98124-2207

INSTALLATION ADDRESS

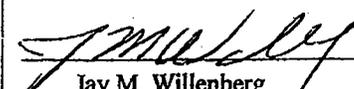
Boeing Commercial Airplane Group (Everett), 3003 W Casino Rd, Everett, WA, 98201

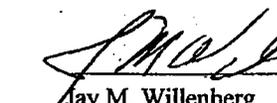
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

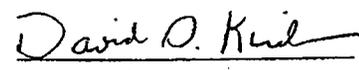
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing Everett shall install filters that meet the requirements of 40 CFR 63.745(g)(2)(ii).
4. Boeing Everett shall install and maintain a differential pressure transmitter or gauge to measure the pressure drop across the new dry particulate control system. The pressure drop shall be displayed on a readout or the gauge. Within 90 days after beginning operations, the acceptable pressure drop range shall be clearly marked on or nearby the readout gauge or the pressure drop log.
5. Boeing Everett shall log the pressure drop across the exhaust filter system once each shift that the spray booth is used for spraying coatings with inorganic HAP concentration greater than 0.1% for carcinogens and 1.0% for non-carcinogens.

APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.


Jay M. Willenberg
Reviewing Engineer
mej


Jay M. Willenberg
Reviewing Engineer


Dennis J. McLerran
Air Pollution Control Officer



Puget Sound Clean Air Agency

Notice of
Construction No. 8250

Registration No. 13120

Date JAN 9 2001

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Convert one Binks Spray Coating Booth rated at 18,000 cfm from Water Wash Filtration System to Aerospace NESHAP-Compliant 3-Stage Dry Filter System, located in Bldg 40-51, Col A-2.25.

APPLICANT

Frank Migaiolo
Boeing Commercial Airplane Group (Everett)
PO Box 3707, MC OH-00
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Group (Everett)
PO Box 3707, MC OH-00
Seattle, WA 98124-2207

INSTALLATION ADDRESS

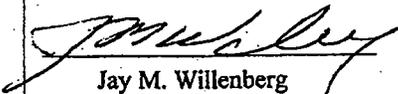
Boeing Commercial Airplane Group (Everett), 3003 W Casino Rd, Everett, WA, 98201

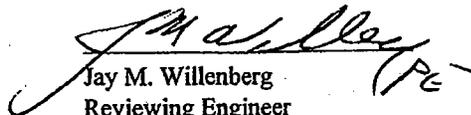
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing Everett shall install filters that meet the requirements of 40 CFR 63.745(g)(2)(ii).
4. Boeing Everett shall install and maintain a differential pressure transmitter or gauge to measure the pressure drop across the new dry particulate control system. The pressure drop shall be displayed on a readout or the gauge. Within 90 days after beginning operations, the acceptable pressure drop range shall be clearly marked on or nearby the readout gauge or the pressure drop log.
5. Boeing Everett shall log the pressure drop across the exhaust filter system once each shift that the spray booth is used for spraying coatings with inorganic HAP concentration greater than 0.1% for carcinogens and 1.0% for non-carcinogens.

APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.


Jay M. Willenberg
Reviewing Engineer


Jay M. Willenberg
Reviewing Engineer


Dennis J. McLerran
Air Pollution Control Officer

mej



Puget Sound Clean Air Agency

Notice of Construction No. 8251

Registration No. 13120

Date JAN 9 2001

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Convert one Binks Spray Coating Booth rated at 36,000 cfm from Water Wash Filtration System to Aerospace NESHAP-Compliant 3-Stage to Dry Filter System, located in Bldg. 40-51, Col. A-2.5.

APPLICANT

Frank Migaiolo
Boeing Commercial Airplane Group (Everett)
PO Box 3707, MC OH-00
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Group (Everett)
PO Box 3707, MC OH-00
Seattle, WA 98124-2207

INSTALLATION ADDRESS

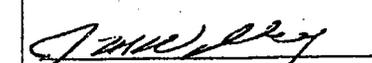
Boeing Commercial Airplane Group (Everett), 3003 W Casino Rd, Everett, WA, 98201

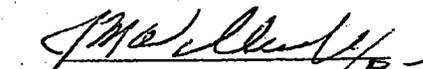
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

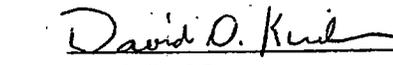
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing Everett shall install filters that meet the requirements of 40 CFR 63.745(g)(2)(ii).
4. Boeing Everett shall install and maintain a differential pressure transmitter or gauge to measure the pressure drop across the new dry particulate control system. The pressure drop shall be displayed on a readout or the gauge. Within 90 days after beginning operations, the acceptable pressure drop range shall be clearly marked on or nearby the readout gauge or the pressure drop log.
5. Boeing Everett shall log the pressure drop across the exhaust filter system once each shift that the spray booth is used for spraying coatings with inorganic HAP concentration greater than 0.1% for carcinogens and 1.0% for non-carcinogens.

APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.


Jay M. Willenberg
Reviewing Engineer
mej


Jay M. Willenberg
Reviewing Engineer


for Dennis J. McLerran
Air Pollution Control Officer



Puget Sound Clean Air Agency

Notice of
Construction No. **8282**
Registration No. **13120**
Date **NOV 8 2000**

**HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH**

One Bleeker Brothers PF-14-8-5 Dry Filter System Spray Coating Booth rated at 14,500 cfm, used primarily to apply adhesive to aircraft interior parts prior to laminating decorative Tedlar surfaces, located in Building 40-56, Column P-4.

APPLICANT

**Frank Migaiolo
Boeing Commercial Airplane Group - Everett
PO Box 3707, MC OK-FP
Seattle, WA 98124-2207**

OWNER

**Boeing Commercial Airplane Group - Everett
PO Box 3707, MC OK-FP
Seattle, WA 98124-2207**

INSTALLATION ADDRESS

Boeing Commercial Airplane Group - Everett, 3003 W Casino Rd, Everett, WA, 98201

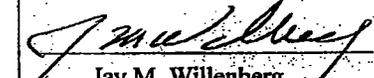
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing Everett shall install a kraft media type of filter that incorporates a synthetic pad backing such as the High Capacity Supra I and II Mini-Mesh Overspray Collector by Columbus Industries. Alternatively, Boeing shall use a filter system that is equivalent in terms of particulate removal efficiency to a kraft media filter with a synthetic pad backing.
4. Boeing Everett shall employ high transfer efficiency coating application techniques, such as high volume, low pressure (0.1 to 10 psig air pressure for atomization) spray equipment, electrostatic spray equipment, brush coating, hand-held aerosol cans, or air brush equipment.
5. The spray coating area shall be inspected at least once per week of operation for proper seating of the filters, complete coverage over the exhaust plenum, and pressure drop across the filters. Boeing Everett shall record if the filters were properly seated, if the coverage of the exhaust plenum was complete, and the pressure drop.
6. If improperly seated filters, incomplete coverage over the exhaust plenum, or abnormal pressure drop are observed, Boeing Everett shall take corrective action, as specified in the facility's Operation and Maintenance Plan.
7. Boeing Everett shall not spray any coatings in this booth subject to the inorganic HAP requirements of the Aerospace NESHAP (40 CFR 63.745(g)).

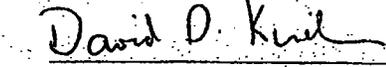
APPEAL RIGHTS

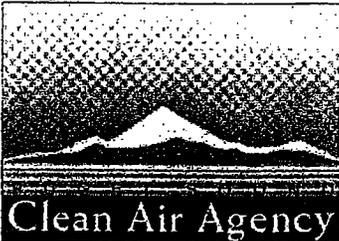
Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be

filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.


Jay M. Willenberg
Reviewing Engineer
mej


Jay M. Willenberg
Reviewing Engineer


David D. Kneil
Dennis J. McLerran
for Air Pollution Control Officer



Puget Sound Clean Air Agency

Notice of
Construction No. 8283
Registration No. 13120

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

DATE NOV 8 2000

One Bleeker Brothers PF-14-8-5 Dry Filter System Spray Coating Booth rated at 14,500 cfm, used primarily to apply adhesive to aircraft interior parts prior to laminating decorative Tedlar surfaces, located in Building 40-56, Column P-4.6.

APPLICANT

Frank Migaiolo
Boeing Commercial Airplane Group - Everett
PO Box 3707, MC OK-FP
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Group - Everett
PO Box 3707, MC OK-FP
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane Group - Everett, 3003 W Casino Rd, Everett, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing Everett shall install a kraft media type of filter that incorporates a synthetic pad backing such as the High Capacity Supra I and II Mini-Mesh Overspray Collector by Columbus Industries. Alternatively, Boeing shall use a filter system that is equivalent in terms of particulate removal efficiency to a kraft media filter with a synthetic pad backing.
4. Boeing Everett shall employ high transfer efficiency coating application techniques, such as high volume, low pressure (0.1 to 10 psig air pressure for atomization) spray equipment, electrostatic spray equipment, brush coating, hand-held aerosol cans, or air brush equipment.
5. The spray coating area shall be inspected at least once per week of operation for proper seating of the filters, complete coverage over the exhaust plenum, and pressure drop across the filters. Boeing Everett shall record if the filters were properly seated, if the coverage of the exhaust plenum was complete, and the pressure drop.
6. If improperly seated filters, incomplete coverage over the exhaust plenum, or abnormal pressure drop are observed, Boeing Everett shall take corrective action, as specified in the facility's Operation and Maintenance Plan.
7. Boeing Everett shall not spray any coatings in this booth subject to the inorganic HAP requirements of the Aerospace NESHAP (40 CFR 63.745(g)).

APPEAL RIGHTS

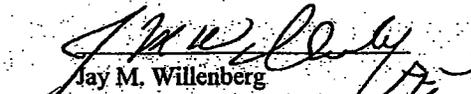
Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be

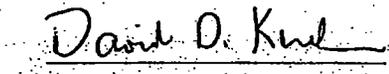
Order of Approval for NC No. 8283

NOV 8 2000

filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.


Jay M. Willenberg
Reviewing Engineer
mej


Jay M. Willenberg
Reviewing Engineer


Dennis J. McLerran
Air Pollution Control Officer



Puget Sound Clean Air Agency

Notice of
Construction No. 8292
Registration No. 13120
Date **FEB 22 2001**

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

One Bleeker Brothers System Spray Coating Booth with dry particulate filter system that complies with 49 CFR 63.745(g)(2)(ii) rated at 9,600 cfm, located in Building 40-22, Column G-3.5.

APPLICANT

Frank Migaiolo
Boeing Commercial Airplane Group - Everett
PO Box 3707, MC 0K-FP
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Group - Everett
PO Box 3707, MC 0K-FP
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane Group - Everett, 3003 W Casino Rd, Everett, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

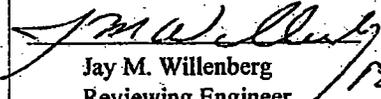
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing Everett shall install and maintain a differential pressure transmitter or gauge to measure the pressure drop across the new dry particulate control system. The pressure drop shall be displayed on a readout or the gauge. Within 90 days after beginning operations, the acceptable pressure drop range shall be clearly marked on or nearby the readout, gauge, and the pressure drop log.
4. Once each week that the spray booth is used, Boeing Everett shall determine and record if the pressure drop across the exhaust filters is in the acceptable range. If the pressure drop is not within the acceptable range, Boeing Everett shall take corrective action as specified in the facility's Operation and Maintenance Plan.
5. High volume low pressure (HVLP) equipment, air brush spray equipment, or aerosol cans shall be used for spray coating operations.
6. Records of all inspections and corrective actions shall be maintained for at least two years and made available to Puget Sound Clean Air Agency personnel upon request.

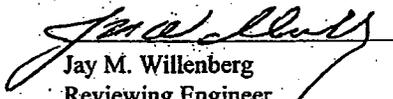
APPEAL RIGHTS

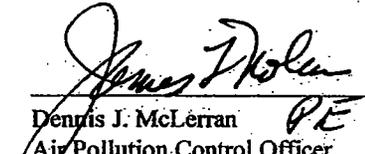
Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be

Order of Approval for NC No. 8292

filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.


Jay M. Willenberg
Reviewing Engineer
mej


Jay M. Willenberg
Reviewing Engineer


Dennis J. McLerran
Air Pollution Control Officer



Puget Sound Clean Air Agency

Notice of
Construction No. 8315
Registration No. 13120
Date DEC 7 2000

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Upgrade existing Corrosion Inhibiting Compound (CIC) Exhaust System Ventilation rated at 17,000 cfm in the 767 wing stub work position, located in Building 40-33 at Column G-11.5.

APPLICANT

Frank Migaiolo
Boeing Commercial Airplane Group - Everett
PO Box 3707, MC OK-FP
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Group - Everett
PO Box 3707, MC OK-FP
Seattle, WA 98124-2207

INSTALLATION ADDRESS

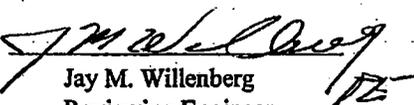
Boeing Commercial Airplane Group - Everett, 3003 W Casino Rd, Everett, WA, 98201

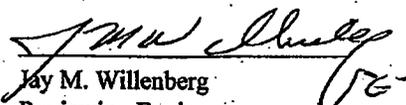
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

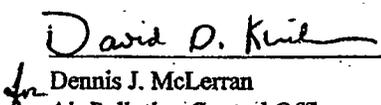
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing Everett shall install a two-stage filter system consisting of a kraft media filter such as the Columbus Industries Overspray Collector, followed by a pleated 25 to 30% ASHRAE efficiency filter, such as a Purolator Mark 80 filter, or a filter system with an equivalent particulate removal efficiency.
4. The spray coating area shall be inspected at least once per month of operation for proper seating of the filters, complete coverage over the exhaust plenum, and pressure drop across the filters. Boeing Everett shall record if the filters were properly seated, if the coverage of the exhaust plenum was complete, and the pressure drop.
5. If improperly seated filters, incomplete coverage over the exhaust plenum, or abnormal pressure drop are observed, Boeing Everett shall take corrective action, as specified in the facility's Operation and Maintenance Plan.

APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.


Jay M. Willenberg
Reviewing Engineer
mej


Jay M. Willenberg
Reviewing Engineer


Dennis J. McLerran
Air Pollution Control Officer



Puget Sound Clean Air Agency

Notice of
Construction No. 8330

Registration No. 13120

Date **NOV 30 2000**

**HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH**

Stage 1 & 2 vapor recovery using Two Point System with CARB-approved devices that prevent loosening or overtightening of product and vapor adapters on one 15,000 gallon underground gasoline storage tanks, and 1 OPW111V47 Nozzle with vapor valve and Efficiency Compliance Device (ECD) on a Vapor Balance Style Dispenser located East of Bldg 40-10; equipment and installation as per CARB Executive Orders G-70-97-A (Stage 1) and G-70-52-AM (Stage 2).

APPLICANT

John Fosberg
Boeing Commercial Airplane Group - Everett
PO Box 3707, MC OK-FP
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Group - Everett
PO Box 3707, MC OK-FP
Seattle, WA 98124-2207

INSTALLATION ADDRESS

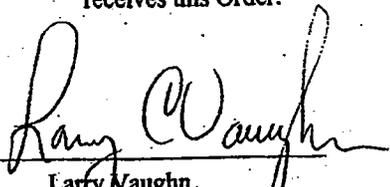
Boeing Commercial Airplane Group - Everett, 3003 W Casino Rd, Everett, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

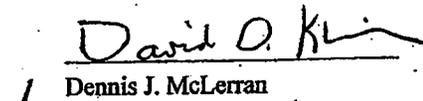
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Prior to placing the above equipment into operation, the applicant or owner shall certify compliance with the CARB approval order including a pressure decay (CARB test procedure TP-201.3, adopted April 12, 1996), back pressure (wet CARB test procedure TP-201.4, adopted April 12, 1996) and ten gallon-per-minute limitation compliance verification tests. The results of the equipment installation certification tests shall be submitted to the Puget Sound Clean Air Agency within 30 days of equipment startup.

APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.


Larry Vaughn
Reviewing Engineer
mej


Jay M. Willenberg
Reviewing Engineer


Dennis J. McLerran
Air Pollution Control Officer



Puget Sound Clean Air Agency

Notice of
Construction No. 8603

Registration No. 13120

Date

FEB 08 2002

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

One Dry Filter System Spray Coating Room (including Method 319 certified filters) rated at 30,000 cfm located in Building 45-01, Column I-1, used to prepare the surfaces and apply coatings to various aerospace parts.

APPLICANT

John Fosberg
Boeing Commercial Airplane Group - Everett
PO Box 3707, MC 0K-FP
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Group - Everett
PO Box 3707, MC 0K-FP
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane Group - Everett, 3003 W Casino Rd, Everett, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing shall install exhaust filters that meet the requirements of 40 CFR 63.745(g)(2).
4. Boeing shall comply with all applicable requirements of 40 CFR 63 Subpart GG.
5. Boeing shall install and maintain a gauge to measure the pressure drop across the exhaust filters of the spray booth. Within 90 days after issuance of this Order of Approval, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
6. Boeing shall log the pressure drop across the exhaust filter system once each shift that the spray booth is used for spraying coatings with inorganic HAP concentration greater than 0.1% for carcinogens and 1.0% for non-carcinogens.
7. Boeing shall comply with the requirements of Puget Sound Clean Air Agency Regulation II Section 3.09.

APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.

Order of Approval for NC No. 8603

FEB 08 2002

Agata McIntyre
Agata McIntyre
Reviewing Engineer
ns

Steven Van Slyke PE
Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 8635

Registration No. 13120

Date FEB 19 2002

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

One 24,000 cfm Spray booth with dry filter system located in the 40-11 building at Column D-10.

APPLICANT

Frank Migaiolo
Boeing Commercial Airplane Group - Everett
PO Box 3707, MC 0K-FP
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Group - Everett
PO Box 3707, MC 0K-FP
Seattle, WA 98124-2207

INSTALLATION ADDRESS

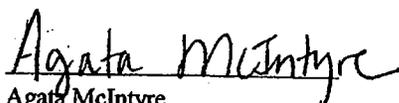
Boeing Commercial Airplane Group - Everett, 3003 W. Casino Rd, Everett, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing Everett shall install a prefilter, such as a Purolator Prebond, followed by a pleated filter such as a Purolator Mark 80, or a filter system with an equivalent particulate removal efficiency.
4. Boeing Everett shall install and maintain a gauge to measure the pressure drop across the spray area exhaust filters.
5. Boeing Everett shall comply with the requirements of the draft Boeing Everett Title V Air Operating Permit as proposed on the date this Order of Approval is signed, to be superseded by the final Boeing Everett Title V Air Operating Permit when the permit is issued.

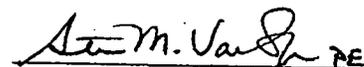
APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.


Agata McIntyre

Reviewing Engineer

ns


Steven Van Slyke

Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 8761
Registration No. 13120

Date JUN 26 2003

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

42,000 cfm MR&D spray booth with dry filter with a removal efficiency greater than or equal to those in 40 CFR 63.745(g)(2)(ii)(A).

APPLICANT

Frank Migaiolo
Boeing Commercial Airplane Group - Everett
PO Box 3707, MC 0K-FP
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Group - Everett
PO Box 3707, MC 0K-FP
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane Group - Everett, 3003 W Casino Rd, Everett, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing Everett shall install a dry filter with a removal efficiency greater than or equal to those discussed in 40 CFR 63.745(g)(2)(ii)(A).
4. Activities in this booth shall be limited to Manufacturing Research and Development (MR&D) activities.
5. Boeing Everett shall install and maintain a gauge to measure the pressure drop across the spray area exhaust filters.
6. Within 90 days after issuance of this Order of Approval, the acceptable range for the gauge shall be clearly marked on or nearby the gauge or on a pressure drop log.
7. Boeing Everett shall read and record the pressure drop at least once per calendar month. If the pressure drop is not within the acceptable range, Boeing shall, within 24 hours of the initial observation, correct the pressure drop or shut down the booth until the pressure drop has been corrected.
8. Boeing Everett shall check the primary dry filter systems, where visible, for proper seating and complete coverage over the exhaust plenum, and shall record the results of this inspection. This inspection shall be conducted monthly or at time of use if booth is used less frequently than once per month. If filter coverage is acceptable for all inspections in a one-year period, this inspection frequency may be reduced to once per calendar quarter. If coverage is unacceptable during quarterly inspections, monthly inspections shall be reinstated. If coverage is found to be unacceptable, Boeing shall, within 24 hours of the initial observation, correct filter coverage or shut down the booth until the filter coverage has been corrected.
9. Boeing Everett shall annually check to see if the correct filters are installed.

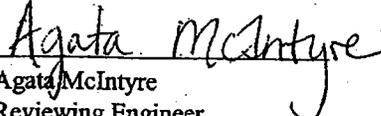
Order of Approval for NC No. 8761

JUN 26 2003

10. Boeing Everett shall use one of the high transfer efficiency (HTE) coating methods when applying coatings containing greater than 1% by weight VOCs [HTE for this Order includes high volume low pressure (0.1 to 10 psig air pressure for atomization) spray equipment, electrostatic spray equipment, flow coat, dip coat, brush coat, trowel coat (including dispensing directly from a container such as a squeeze tube onto the part), hand-held aerosol cans, roll coat, electrodeposition, curtain coat, or air brush], except as described in Condition 11.
11. When applying coatings containing greater than 1% by weight VOCs in this booth, Boeing Everett may use alternative coating methods not identified in Condition 10, providing that all of the following are met:
- (a) The alternative coating method is required for the test purpose.
 - (b) The alternative is either (i) approved for an associated production activity at a Boeing facility, or (ii) a new method being tested, or (iii) being used to apply a new coating being tested.
 - (c) The alternative coating method use activities are documented in a master list to include justification of the criteria in 11(a) and 11(b).
 - (d) Operational records shall be maintained for each shift to identify when alternative coating methods were used and reference the justified activity it represents on the master list identified in 11(c).
 - (e) All records and documentation for this Condition shall be available for inspection upon request of the Agency.
12. Boeing Everett shall not use volatile organic compound (VOC) containing materials for the cleanup of spray equipment unless equipment for collecting the VOC containing material and minimizing the evaporation to the atmosphere is employed. All VOC containing materials that are flushed through the spray equipment shall be collected in closed containers.
13. VOC containing materials shall be stored and disposed of in closed containers. Such materials shall be kept closed except when being cleaned or when materials are being added, mixed or removed. Closed containers for solvent rag or paper disposal are also required. Empty containers as defined in WAC 173-303-160 are exempt.
14. This Order of Approval No. 8761 cancels and supersedes Order of Approval No. 8761, dated May 15, 2003.

APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.


Agata McIntyre
Reviewing Engineer

ns


Steve Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. **8761**

Registration No. **13120**

Date

MAY 15 2003

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

42,000 cfm MR&D spray booth with dry filter with a removal efficiency greater than or equal to those in 40 CFR 63.745(g)(2)(ii)(A).

APPLICANT

Frank Migaiolo
Boeing Commercial Airplane Group - Everett
PO Box 3707, MC 0K-FP
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Group - Everett
PO Box 3707, MC 0K-FP
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane Group - Everett, 3003 W Casino Rd, Everett, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing Everett shall install a dry filter with a removal efficiency greater than or equal to those discussed in 40 CFR 63.745(g)(2)(ii)(A).
4. Activities in this booth shall be limited to Manufacturing Research and Development (MR&D) activities.
5. Boeing Everett shall install and maintain a gauge to measure the pressure drop across the spray area exhaust filters.
6. Within 90 days after issuance of this Order of Approval, the acceptable range for the gauge shall be clearly marked on or nearby the gauge or on a pressure drop log.
7. Boeing Everett shall read and record the pressure drop at least once per calendar month. If the pressure drop is not within the acceptable range, Boeing shall, within 24 hours of the initial observation, correct the pressure drop or shut down the booth until the pressure drop has been corrected.
8. Boeing Everett shall check the primary dry filter systems, where visible, for proper seating and complete coverage over the exhaust plenum, and shall record the results of this inspection. This inspection shall be conducted monthly or at time of use if booth is used less frequently than once per month. If filter coverage is acceptable for all inspections in a one-year period, this inspection frequency may be reduced to once per calendar quarter. If coverage is unacceptable during quarterly inspections, monthly inspections shall be reinstated. If coverage is found to be unacceptable, Boeing shall, within 24 hours of the initial observation, correct filter coverage or shut down the booth until the filter coverage has been corrected.
9. Boeing Everett shall annually check to see if the correct filters are installed.

Order of Approval for NC No. 8761

MAY 15 2003

10. Boeing Everett shall use one of the high transfer efficiency (HTE) coating methods when applying coatings containing greater than 1% by weight VOCs [HTE for this Order includes high volume low pressure (0.1 to 10 psig air pressure for atomization) spray equipment, electrostatic spray equipment, flow coat, dip coat, brush coat, trowel coat (including dispensing directly from a container such as a squeeze tube onto the part), hand-held aerosol cans, roll coat, electrodeposition, curtain coat, or air brush], except as described in Condition 11.

11. When applying coatings containing greater than 1% by weight VOCs in this booth, Boeing Everett may use alternative coating methods not identified in Condition 10, providing that all of the following are met:

(a) The alternative coating method is required for the test purpose.

(b) The alternative is either (i) approved for an associated production activity at a Boeing facility, or (ii) a new method being tested, or (iii) being used to apply a new coating being tested.

(c) The alternative coating method use activities are documented in a master list to include justification of the criteria in 11(a) and 11(b).

(d) Operational records shall be maintained for each shift to identify when alternative coating methods were used and reference the justified activity it represents on the master list identified in 11(c).

(e) All records and documentation for this Condition shall be available for inspection upon request of the Agency. Boeing Everett shall use one of the following coating methods: high volume low pressure (0.1 to 10 psig air pressure for atomization) spray equipment, electrostatic spray equipment, flow coat, dip coat, brush coat, trowel coat, hand-held aerosol cans, roll coat, electrodeposition, curtain coat, or air brush.

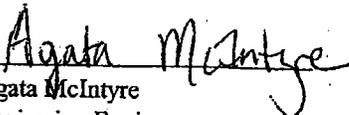
12. Boeing Everett shall not use volatile organic compound (VOC) containing materials for the cleanup of spray equipment unless equipment for collecting the VOC containing material and minimizing the evaporation to the atmosphere is employed. All VOC containing materials that are flushed through the spray equipment shall be collected in closed containers.

13. VOC containing materials shall be stored and disposed of in closed containers. Such materials shall be kept closed except when being cleaned or when materials are being added, mixed or removed. Closed containers for solvent rag or paper disposal are also required. Empty containers as defined in WAC 173-303-160 are exempt.

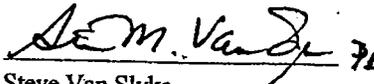
14. This Order of Approval No. 8761 cancels and supersedes Order of Approval No. 8761, dated March 26, 2003.

APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.


Agata McIntyre
Reviewing Engineer

ns


Steve Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. **8761**

Registration No. **13120**

Date

MAR 26 2003

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

42,000 cfm MR&D spray booth with dry filter with a removal efficiency greater than or equal to those in 40 CFR 63.745(g)(2)(ii)(A).

APPLICANT

Frank Migaiolo
Boeing Commercial Airplane Group - Everett
PO Box 3707, MC 0K-FP
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Group - Everett
PO Box 3707, MC 0K-FP
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane Group - Everett, 3003 W Casino Rd, Everett, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing Everett shall install a dry filter with a removal efficiency greater than or equal to those discussed in 40 CFR 63.745(g)(2)(ii)(A).
4. Activities in this booth shall be limited to Manufacturing Research and Development (MR&D) activities.
5. Boeing Everett shall install and maintain a gauge to measure the pressure drop across the spray area exhaust filters.
6. Within 90 days after issuance of this Order of Approval, the acceptable range for the gauge shall be clearly marked on or nearby the gauge or on a pressure drop log.
7. Boeing Everett shall read and record the pressure drop at least once per calendar month. If the pressure drop is not within the acceptable range, Boeing shall, within 24 hours of the initial observation, correct the pressure drop or shut down the booth until the pressure drop has been corrected.
8. Boeing Everett shall check the primary dry filter systems, where visible, for proper seating and complete coverage over the exhaust plenum, and shall record the results of this inspection. This inspection shall be conducted monthly or at time of use if booth is used less frequently than once per month. If filter coverage is acceptable for all inspections in a one year period, this inspection frequency may be reduced to once per calendar quarter. If coverage is unacceptable during quarterly inspections, monthly inspections shall be reinstated. If coverage is found to be unacceptable, Boeing shall, within 24 hours of the initial observation, correct filter coverage or shut down the booth until the filter coverage has been corrected.
9. Boeing Everett shall annually check to see if the correct filters are installed.

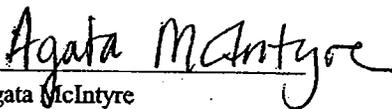
Order of Approval for NC No. 8761

MAR 26 2003

10. Boeing Everett shall use one of the following coating methods: high volume low pressure (0.1 to 10 psig air pressure for atomization) spray equipment, electrostatic spray equipment, flow coat, dip coat, brush coat, trowel coat, hand-held aerosol cans, roll coat, electrodeposition, curtain coat, or air brush.
11. Boeing Everett shall not use volatile organic compound (VOC) containing materials for the cleanup of spray equipment unless equipment for collecting the VOC containing material and minimizing the evaporation to the atmosphere is employed. All VOC containing materials that are flushed through the spray equipment shall be collected in closed containers.
12. VOC containing materials shall be stored and disposed of in closed containers. Such materials shall be kept closed except when being cleaned or when materials are being added, mixed or removed. Closed containers for solvent rag or paper disposal are also required. Empty containers as defined in WAC 173-303-160 are exempt.

APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.



Agata McIntyre
Reviewing Engineer
ns



Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 9058
Registration No. 13120
Date 7/28/2004

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Corrosion Inhibiting Compound (CIC) application spray booths at building 40-37: one 44,800 cfm spray booth for 44/45 body sections; one 33,500 cfm spray booth for 41/43 body sections; one 105,000 cfm spray booth for horizontal stabilizers; one 80,000 cfm spray booth for control surfaces and vertical fins; two 85,000 cfm spray booths for horizontal laydown; and one 28,000 cfm spray booth for 46/48 sections.

APPLICANT

Frank Migaiolo
Boeing Commercial Airplane Group - Everett
PO Box 3707 MC 0K-FP
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Group - Everett
PO Box 3707 MC 0K-FP
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane Group - Everett, 3003 W Casino Rd, Everett, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Boeing shall use air-assisted airless, high volume low pressure (HVLP), hand-held spray cans, electrostatic spray application, flow/curtain coat, dip coat, roll coat, or brush coat for the application of corrosion inhibiting compound (CIC). For the application of CIC in the lower lobe of the aircraft body sections and in confined, difficult to reach areas, Boeing may use an airless wand for the spray coating application in addition to the methods described above.
4. Boeing may use other coating application methods for application of CIC that have a transfer efficiency of 60% or greater if Boeing pre-determines the transfer efficiency of these other methods. Boeing shall use either a transfer efficiency test approved by the Puget Sound Clean Air Agency or shall otherwise demonstrate to the satisfaction of the Agency that the method has a transfer efficiency of 60% or greater. Boeing shall provide written notification to the Puget Sound Clean Air Agency of the results of the transfer efficiency determination prior to implementing the new application method.
5. Boeing will install a gauge to measure pressure differential across the exhaust filters. The gauge shall indicate the acceptable pressure drops.
6. Boeing shall comply with all the conditions in the Prevention of Significant Deterioration permit PSD 91-03 issued by the Department of Ecology (Puget Sound Clean Air Agency NOC 3892), dated 10 July 1991.
7. This Order of Approval No. 9058 issued to allow for the use of several high transfer efficiency coating methods, hereby supersedes and cancels: Order of Approval No. 5053 dated May 22, 1995; Order of Approval No. 5056, dated September

Order of Approval for NC No. 9058

JUL 28 2004

7, 1993; Order of Approval No. 5057 dated May 22, 1995; Order of Approval No. 5058 dated May 22, 1995; Order of Approval No. 5062 dated September 7, 1993; and Order of Approval No. 5064 dated September 7, 1993.

APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.

Agata McIntyre

Agata McIntyre
Reviewing Engineer

ns

Steven Van Slyke

Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 9571
Registration No. 13120
Date 3/2/2007

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Binks WE-20-8-T 20,000 cfm spray booth controlled by dry filters used to coat aircraft interiors panels with adhesive, located in Bldg. 40-56.

APPLICANT

Frank Migaiolo
Boeing Commercial Airplane Group - Everett
PO Box 3707 M/C 0P-88
Seattle, WA 98124-2207

OWNER

Boeing Commercial Airplane Group - Everett
PO Box 3707 M/C 0P-88
Seattle, WA 98124-2207

INSTALLATION ADDRESS

Boeing Commercial Airplane Group - Everett, 3003 W Casino Rd, Everett, WA, 98201

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. The exhaust from the spray booth shall be vented through Supra II Mini-Mesh High Efficiency Overspray Collectors by Columbus Industries. Alternatively, Boeing may use a filter system that is equivalent (or higher) in terms of particulate removal efficiency.
4. Boeing shall employ high transfer efficiency coating application techniques, such as high-volume low-pressure (HVLP), electrostatic, low-volume low-pressure (LVLP), hand-held aerosol cans, or air brush equipment.
5. The spray coating area shall be inspected at least once per week of operation for proper seating of the filters, complete coverage over the exhaust plenum, and pressure drop across the filters. Boeing shall record if the filters were properly seated, if the coverage of the exhaust plenum was complete, and the pressure drop.
6. If improperly seated filters, incomplete coverage over the exhaust plenum, or abnormal pressure drop are observed, Boeing shall take corrective action, as specified in the facility's Operation and Maintenance Plan.
7. Boeing shall not spray any coatings in this booth that are subject to the inorganic HAP requirements of the Aerospace NESHAP (40 CFR 63.745(g)).
8. This Order of Approval No. 9571 cancels and supersedes Order of Approval No. 7899, issued on August 24, 1999.

APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be

Order of Approval for NC No. 9571

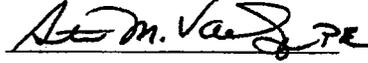
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appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.



Agata McIntyre
Reviewing Engineer

ns



Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 9705

Registration No. 13120

Date NOV 19 2007

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

6000 cfm spray booth in Building 40-54 used for spray coating propulsion systems and miscellaneous parts, equipped with an EPA Method 319 certified 3-stage equivalent filter system.

APPLICANT

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2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. The air from the spray booth shall exhaust through a dry filter with a removal efficiency greater than or equal to the efficiency in 40 CFR 63.745(g)(2)(ii)(A).
4. Boeing shall install and maintain a gauge to measure the pressure drop across the spray booth exhaust filters and mark the acceptable range for the gauge on or near the gauge, or on a pressure drop log.
5. Boeing shall record if the pressure drop across the exhaust filters is in the acceptable range at least weekly when the spray booth is used, and once each shift that the spray booth is used for Aerospace NESHAP affected spray coating operations as required by 40 CFR 63.745(g), unless using coatings with inorganic HAP concentrations of less than 0.1 percent for carcinogens and 1.0 percent for non-carcinogens. For any shifts when spray coating operations occurred and pressure drop readings were not recorded, Boeing shall document the regulatory status of the coating.
6. If the pressure drop is not within the acceptable range, corrective actions shall be taken prior to resuming any spray coating activity in this spray booth.
7. Boeing shall check the primary dry filter systems, where visible, for proper seating and complete coverage over the exhaust plenum, and shall record the results of this inspection. This inspection shall be conducted monthly or at time of use if booth is used less frequently than once per month. If filter coverage is acceptable for all inspections in a one-year period, this inspection frequency may be reduced to once per calendar quarter. If coverage is unacceptable during quarterly inspections, monthly inspections shall be reinstated. If coverage is found to be unacceptable, Boeing shall, within 24 hours of the initial observation, correct filter coverage or shut down the booth until the filter coverage has been

Order of Approval for NC No. 9705

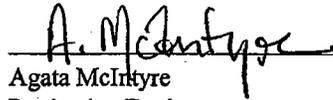
corrected.

8. Boeing shall annually check to see if the correct filters are installed.

9. Spray coating operations shall be conducted using high volume low pressure (HVLP), hand-held spray cans, or airbrush.

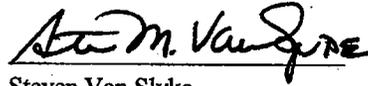
APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.



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