

# Puget Sound Clean Air Agency

110 Union Street, Suite 500, Seattle, WA 98101-2038: Claude Williams (206) 689-4066

## Point Source Emission Report

October 29, 2003

U S NAVY PUGET SOUND NAVAL SHIPYARD, PSNS

Facility ID #: 21177

AFS#: 053-035-21177

\*\*\*\* Please Edit or Complete Data \*\*\*\*

CAS#	Flags	Air Contaminants:	pounds/2001	pounds/2002	Method
1308-38-9	V	Chromic oxide			2/4
7440-48-4	V T H	Cobalt Compounds as Cobalt			2/4
7440-50-8	T	Copper (dust, mist and fumes)			2/4
108-94-1	V T	Cyclohexanone			2/4
123-42-2	V T	Diacetone alcohol	2		2/4
84-74-2	V T H	Dibutyl phthalate			2/4
112-34-5	V T H	Diethylene glycol monobutyl ether [glycol ether]	112	112	2/4
111-40-0	V T	Diethylenetriamine (DETA)			2/4
34590-94-8	V T	Dipropylene glycol methyl ether	6	6	2/4
106-89-8	V T H	Epichlorohydrin (1-Chloro-2,3-epoxypropane)			2/4
141-78-6	V T	Ethyl acetate	1	1	2/4
64-17-5	V T	Ethyl alcohol (Ethanol)	26	92	2/4
100-41-4	V T H	Ethyl benzene	77	106	2/4
107-21-1	V T H	Ethylene glycol	13	120	2/4
50-00-0	V T H	Formaldehyde	3	3	2/4
64742-94-5	V	Heavy aromatic naphtha (petrol)	9		2/4
142-82-5	V T	Heptane (n-Heptane)	43	23	2/4
110-54-3	V T H	Hexane (n-Hexane)	186	142	2/4
107-41-5	V T	Hexylene glycol	1	1	2/4
1309-37-1	T	Iron oxide fumes, Fe2O3 as Fe	1	9	2/4
110-19-0	V T	Isobutyl acetate	53	214	2/4
78-83-1	V T	Isobutyl alcohol	10	11	2/4
78-59-1	V T H	Isophorone	2		2/4
108-21-4	V T	Isopropyl acetate	16	17	2/4
67-63-0	V T	Isopropyl alcohol (Isopropanol)	61	201	2/4
68476-85-7	V T	Liquified petroleum gas	9	2	2/4
1309-48-4	T	Magnesium oxide fumes			2/4
7439-96-5	T H	Manganese and compounds			2/4
108-67-8	V	Mesitylene (1,3,5-Trimethylbenzene)	1	1	2/4
79-41-4	V T	Methacrylic acid			2/4
67-56-1	V T H	Methyl alcohol (Methanol)			2/4
110-12-3	V T	Methyl isoamyl ketone	7	2	2/4
108-11-2	V T	Methyl isobutyl carbinol	1	1	2/4
108-10-1	V T H	Methyl isobutyl ketone (MIBK; Hexone)	108	174	2/4
110-43-0	V T	Methyl n-amyl ketone	1	9	2/4
5124-30-1	V T	Methylene bis(4-cyclo-hexylisocyanate; cyclohexane)			2/4
101-68-8	V T H	Methylene bis(phenyl isocyanate)(Methylene diphenyl diisocyanate MDI)	1	2	2/4
108-38-3	V T H	m-Xylenes	3	3	2/4

110 Union Street, Suite 500, Seattle, WA 98101-2038: Claude Williams (206) 689-4066

October 29, 2003

AFS#: 053-035-21177

[illegible]

Chemical Abstract Services Number

1 Emission Test 2 Material Balance 3 EPA Emission Factor 4 Engineering Judgment

# Puget Sound Air Pollution Control Agency

Notice of  
Construction No. 3087

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

Date JUL 11 1989

One PMB Bead Blaster System at 10,000 cfm controlled by a Farr 24LS Pulse Jet Paper Cartridge  
Dust Collector at 12,500 cfm.

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U S NAVY PUGET SOUND NAVAL SHIPYARD  
CODE 4452, JEFF HUGGART  
BREMERTON WA 98314-5000

O U S NAVY PUGET SOUND NAVAL SHIPYARD  
W  
N CODE 445, PSNS  
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R BREMERTON WA 98314-5000

## INSTALLATION ADDRESS

U S NAVY PUGET SOUND NAVAL SHIPYARD, NE Side of Bldg 873 (Metal Preparation Facility), BREMERTON, WA, 98314-5000

## 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. 14082

Notice of  
Construction No. 3255

Date 10/18/93

Two skids, each skid with two Vapor RG11-E(2)8500-300-5973-VHK-75-2 Steam Generators and one superheater at 37 MMBH.

APPLICANT  
BRUCE DISHMAN

U S NAVY PUGET SOUND NAVAL SHIPYARD

CODE 445, John Davis

BREMERTON

WA 98314-5000

OWNER  
U S NAVY PUGET SOUND NAVAL SHIPYARD

CODE 106, PSNS

BREMERTON


WA 98314-5000

## INSTALLATION ADDRESS


U S NAVY PUGET SOUND NAVAL SHIPYARD, BLDG 431 (STEAM TEST FACILITY), BREMERTON, WA, 98314

## 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. The skid mounted boilers may operate up to 500 hours per year per boiler on No.2 Fuel Oil when used as emergency backup.
5. This order of approval supersedes and cancels the previous order No. 3255, dated 7/12/89.

 PE  
CLAUDE M. WILLIAMS  
Reviewing Engineer

CMW

 PE  
JAY M. WILLENBERG  
Reviewing Engineer

  
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. 14082

Notice of  
Construction No. 3556

Date

JUL 17 1996

One JWI J120E Metal Hydroxide Sludge Dryer at 275 cfm with a Lesson Venturi Wet Scrubber in Bldg 871.

MARK MURPHY

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BREMERTON WA 98314-5000

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CODE 445, PSNS  
BREMERTON WA 98314-5000

## INSTALLATION ADDRESS

U S NAVY PUGET SOUND NAVAL SHIPYARD, 2ND & PACIFIC AVE, BREMERTON, WA, 98314-5000

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HARRY A. WATTERS  
Reviewing Engineer

HAW

  
Anka 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. 14082

Notice of  
Construction No. 3562

Date JUL 31 1990

Two Carter Day HPW160 Baghouses at 30,200 cfm each to control woodworking equipment with Peerless 14 Bins, #3 and #4,  
located outside Bldg 851.

MARK MURPHY

U S NAVY PUGET SOUND NAVAL SHIPYARD

CODE 445, PSNS

BREMERTON

WA 98314-5000

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## INSTALLATION ADDRESS

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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. 14082

Notice of  
Construction No. 3656

Date **NOV 02 1990**

One Torit 3DF36 Baghouse Dust Collector at 14,500 cfm to control carbide grinding in Bldg 431.

JULIE WERDER

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CODE 445, PSNS  
BREMERTON WA 98314-5000

## INSTALLATION ADDRESS

U S NAVY PUGET SOUND NAVAL SHIPYARD, 2ND & PACIFIC AVE, BREMERTON, WA, 98314-5000

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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. 14082

Notice of  
Construction No. 3676

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

FEB 20 1991

One Lindberg 11-MT-408040-G24 Light Forge Furnace (3,500 lbs) with six 100MBH burners and one Lindberg 41-MT-5135-GCB Heavy Forge Furnace (47,000 lbs) with six 100MBH burners; both forges to be located in Bldg 452

JULIE WERDER

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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. 14082

Notice of  
Construction No. 3957

Date JUL 08 1991

Convert ten waterfall type spray booths to a dry filter system, using Supra II filter media (or equivalent), as follows:

Bldg #427, Electric Shop at 12,500 cfm; #431, 4th Floor at 8,000 cfm; #457, Mast Paint Rm at 20,000 cfm; #457, Varnish Rm at 9000 cfm; #829, Wheelabrator at 12,000 cfm; #851, Woodshop at 15,000 cfm; #857, Sheetmetal at 18,400 cfm; #862, Tank Pnt at 12,500 cfm; #873, Inside at 20,000 cfm; and #873, North & South Twin Booths at 20,000 cfm each.

GLENN SCHMITT

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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. 14082

Notice of  
Construction No. 4443

Date APR 22 1992

One Asbestos Removal Facility equipped with two exhaust fans equipped with HEPA Filters to maintain level of asbestos in the exhaust air to less than .01 f/cc.

GLENN SCHMITT

U S NAVY PUGET SOUND NAVAL SHIPYARD

CODE 445, PSNS

BREMERTON

WA 98314-5000

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WA 98314-5000

## INSTALLATION ADDRESS

U S NAVY PUGET SOUND NAVAL SHIPYARD, 2ND & PACIFIC AVE, BREMERTON, WA, 98314

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HARRY A. WATTERS  
Reviewing Engineer

MEJ

CLAUDE M. WILLIAMS  
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. 14082

Notice of  
Construction No. 4644

Date SEP 10 1992

Convert two Paint Spray Booths located in Building 448 from waterfall to dry filter; one at 14,000 cfm and one at 30,000 cfm.

D. S. HALEY

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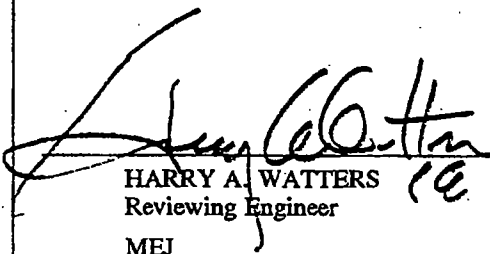
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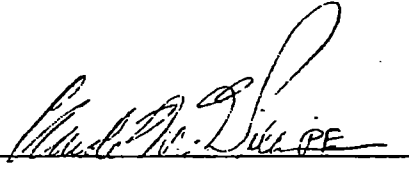
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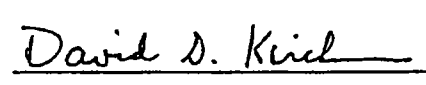
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HARRY A. WATTERS  
Reviewing Engineer  
MEJ

  
CLAUDE M. WILLIAMS  
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. 14082

Notice of  
Construction No. 5004

Date JUL 14 1993

Modify existing Phillips Vapor Degreaser by adding Refrigerated Freeboard Chiller.

CLARK PITCHFORD

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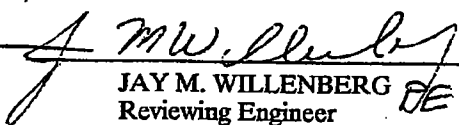
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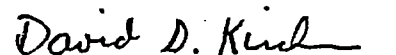
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MARGARET L. CORBIN  
Reviewing Engineer

MEJ

  
JAY M. WILLENBERG  
Reviewing Engineer

  
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. 14082

Notice of  
Construction No. 5039

Date JUL 28 1993

Replace existing Shotblaster and upgrade existing Baghouse by adding two High Efficiency Cartridge Dust Collectors at 52,500 cfm each located in the Shot Blast Work Facility in Building 873.

CLARK PITCHFORD

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BREMERTON WA 98314-5000

## INSTALLATION ADDRESS

U S NAVY PUGET SOUND NAVAL SHIPYARD, 2ND & PACIFIC AVE, BREMERTON, WA, 98314

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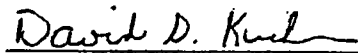
 PE.

CLAUDE M. WILLIAMS  
Reviewing Engineer

MEJ

 PE.

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. 14082

Notice of  
Construction No. 5109

Date SEP 6 1993

One BCP Plate Blast Machine with a High Efficiency Cartridge Dust Collector at 5,000 cfm, and one BCP Shapes Blast Machine with a High Efficiency Cartridge Dust Collector at 2,400 cfm, both located in in Building 460.

CLARK PITCHFORD

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U S NAVY PUGET SOUND NAVAL SHIPYARD

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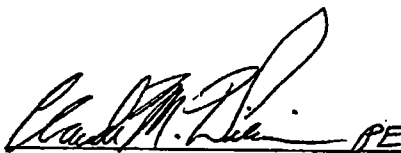
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U S NAVY PUGET SOUND NAVAL SHIPYARD, 2ND & PACIFIC AVE, BREMERTON, WA, 98314

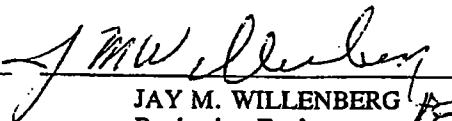
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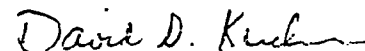


CLAUDE M. WILLIAMS  
Reviewing Engineer

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. 14082

Notice of  
Construction No. 5485

Date JUL 11 1994

One Pangborn 15-GN-4-M Steel Shot Rotoblast Machine with a HEPA Filter added to an existing Baghouse located in Building 452.

CLARK PITCHFORD

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NAVSHIPYD PUGET SOUND  
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BREMERTON WA 98314-5001


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## INSTALLATION ADDRESS

NAVSHIPYD PUGET SOUND, 1400 FARRAGUT AVE, BREMERTON, WA, 98314

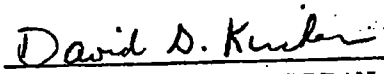
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CLAUDE M. WILLIAMS  
Reviewing Engineer

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. 14082

Notice of  
Construction No. 5620

Date AUG 29 1994

One Wheelabrator Blasting Facility for steel plate preparation with a Torit DFT4-32 Dust Collector at 20,000 cfm  
located in Building 829.

CLARK PITCHFORD

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## INSTALLATION ADDRESS

NAVSHIPYD PUGET SOUND, 1400 FARRAGUT AVE, BREMERTON, WA, 98314

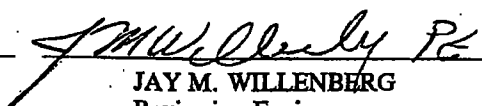
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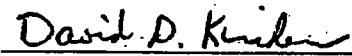


CLAUDE M. WILLIAMS  
Reviewing Engineer

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. 14082

Notice of  
Construction No. 5637

Date SEP 28 1994

One HEPA Filter at 250 cfm for the Building 460 Filter Maintenance Facility.

CLARK PITCHFORD

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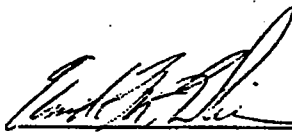
WA 98314-5001

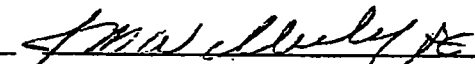
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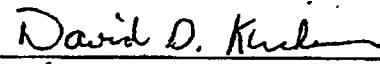
NAVSHIPYD PUGET SOUND, 1400 FARRAGUT AVE, BREMERTON, WA, 98314

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PE.  
CLAUDE M. WILLIAMS  
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. 14082

Notice of  
Construction No. 5656

Date DEC 9 1994

One Model 040-422 Abrasive Blast Booth (ID 31-431-145) with a Baghouse at 7,000 cfm located in the Building 431 Shot Blast Facility.

CLARK PITCHFORD

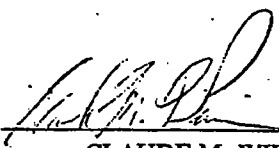
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## INSTALLATION ADDRESS

NAVSHIPYD PUGET SOUND, 1400 FARRAGUT AVE, BREMERTON, WA, 98314

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CLAUDE M. WILLIAMS  
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. 14082

Notice of  
Construction No. 5770

Date JAN 18 1995

One HEPA and Prefilter at 1,000 cfm for the Lead Work Facility, Bldg. 946.

CLARK PITCHFORD

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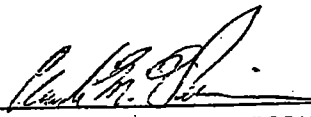
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## INSTALLATION ADDRESS

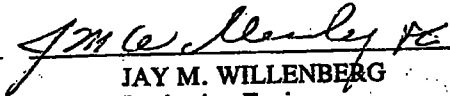
NAVSHIPYD PUGET SOUND, 1400 FARRAGUT AVE, BREMERTON, WA, 98314

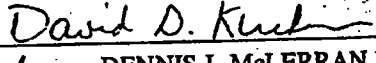
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CLAUDE M. WILLIAMS  
Reviewing Engineer

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. 14082

Notice of  
Construction No. 5799

Date MAR 9 1995

One Brown Eng. Propane fired 3.55 MMBtu Glass Reinforced Plastic Curing Oven (500F) located in Building 851 (ID 64-851-41).

CLARK PITCHFORD

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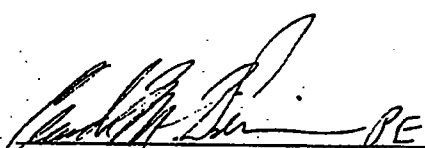
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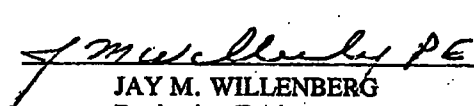
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CLAUDE M. WILLIAMS  
Reviewing Engineer  
MEI

  
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. 14082

Notice of  
Construction No. 5831

Date MAR 17 1995

One Binks 0251 Lay-up/Paint Booth (ID 64-851-121) at 12,500 cfm for wet lay-up of glass reinforced plastic parts to cure, located in Building 851.

CLARK PITCHFORD

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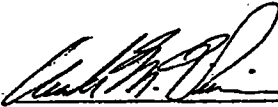
WA 98314-5001

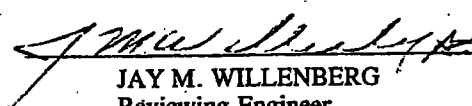
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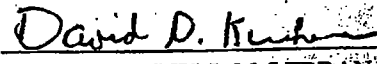
NAVSHIPYD PUGET SOUND, 1400 FARRAGUT AVE, BREMERTON, WA, 98314

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CLAUDE M. WILLIAMS  
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. 14082

Notice of  
Construction No. 5835

Date MAR 17 1995

One Vacu-Blast Abrasive Blast Facility with a Dust Hog Baghouse (ID 71-862-141A) at 20,000 cfm located in Building  
862.

CLARK PITCHFORD


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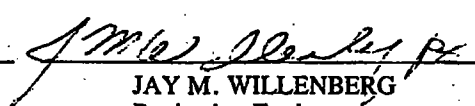
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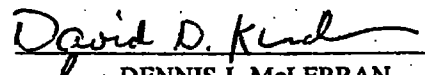
NAVSHIPYD PUGET SOUND, 1400 FARRAGUT AVE, BREMERTON, WA, 98314

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 PE  
CLAUDE M. WILLIAMS  
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. 14082

Notice of  
Construction No. 5836

Date MAR 17 1995

One Binks 0251 Grinding Booth at 1,200 cfm connected to two Torit Baghouses (ID 64-851-26) at 12,000 cfm each for  
Glass Reinforced Plastic Mechanical Process Cutting located in Building 851.

CLARK PITCHFORD

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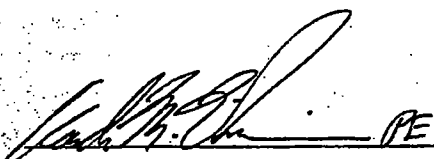
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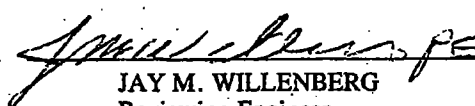
NAVSHIPYD PUGET SOUND, 1400 FARRAGUT AVE, BREMERTON, WA, 98314

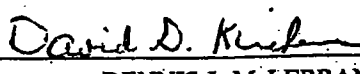
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 PE  
CLAUDE M. WILLIAMS  
Reviewing Engineer

MEJ

 PE  
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. 14082

Notice of  
Construction No. 5848

Date MAR 16 1995

Abrasive Blast Facility with a Dust Hog Dust Collector (ID 71-825-141A) at 10,000 cfm located in Building 825.

CLARK PITCHFORD

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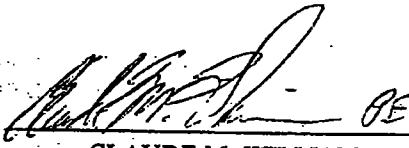
WA 98314-5001

## INSTALLATION ADDRESS

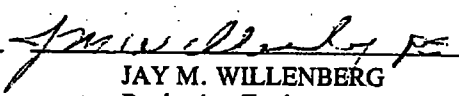
NAVSHIPYD PUGET SOUND, 1400 FARRAGUT AVE, BREMERTON, WA, 98314

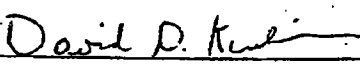
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CLAUDE M. WILLIAMS  
Reviewing Engineer

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. 14082

Notice of  
Construction No. 6282

Date NOV 16 1995

One Torit Model 81 Dust Collector rated at 900 cfm to remove dust in the Building 431 Tool Grinding Area.

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## INSTALLATION ADDRESS

NAVSHIPYD PUGET SOUND, 1400 FARRAGUT AVE, BREMERTON, WA, 98314

## 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.

 PE  
CLAUDE M. WILLIAMS  
Reviewing Engineer

MEJ

 PE  
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. 14082

Notice of  
Construction No. 6558

Date AUG 15 1996

One Detrex Model No. VS-800S Vapor Degreaser with Refrigerated Freeboard Chiller (ID 71-873-163A) using  
Trichloroethylene, located in Building 873.

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## INSTALLATION ADDRESS

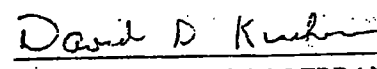
NAVSHIPYD PUGET SOUND, 1400 FARRAGUT AVE, BREMERTON, WA, 98314

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. Federal Regulation 40 CFR 63 Subpart T applies to this emission unit. To comply, PSNS shall submit the required notification to the EPA Region X Administrator using forms provided by PSAPCA. The emissions from this unit shall be limited to 460 lbs/month and 4605 lbs per year of Trichloroethylene. PSNS shall track and log the usage of this solvent with a material balance method. The resulting records will be made available for inspection at PSAPCA's request. The monthly and annual usage shall be summarized in an addendum to the PSAPCA Annual Emission report.

 PE  
CLAUDE M. WILLIAMS  
Reviewing Engineer  
MEJ

 PE  
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. 14082

Notice of  
Construction No. 6732

Date APR 25 1997

One Portable Cleaver Brooks CB200-150 No. 2 Fuel Oil fired Boiler rated at 6.3 MMBtu/hr (ID 03-Port-184).

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## INSTALLATION ADDRESS

NAVSHIPYD PUGET SOUND, 1400 FARRAGUT AVE, BREMERTON, WA, 98314

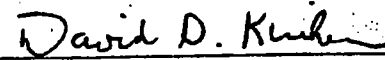
## THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. This boiler shall not emit any air contaminant that causes greater than 10% opacity at the stack for a period or periods aggregating more than 3 minutes in any 1 hour as determined by EPA Method 9A.
5. This boiler shall not exceed 0.2 lb NOx/MMBtu as determined by EPA Method 7E.
6. The fuel oil burned by this boiler uses military specification (MIL-F-16884H Amendment 2).

  
CLAUDE M. WILLIAMS  
Reviewing Engineer

MEJ

  
JAY M. WILLENBERG  
Reviewing Engineer

  
David D. Kneib  
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. 14082

Notice of  
Construction No. 6757

Date JAN 30 1997

One Bleeker Bros F-8-7-7-S Spray Coating Booth rated at 7,285 cfm located in Bldg 457 (ID 71-457-121).

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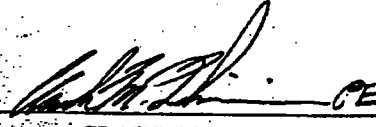
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## INSTALLATION ADDRESS

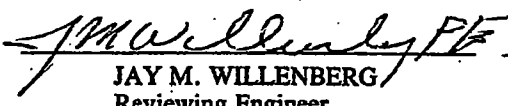
NAVSHIPYD PUGET SOUND, 1400 FARRAGUT AVE, BREMERTON, WA, 98314

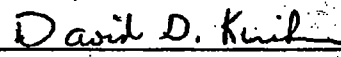
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2. Compliance with this ORDER and its conditions does not relieve the owner or operator from the responsibility of compliance with Regulations I, II or III, RCW 70.94 or any other emission control requirements, nor from the resulting liabilities and/or 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. NAVSHIPYD Puget Sound shall install and maintain a gauge to measure the pressure across the spray booth exhaust filters. Within 90 days after beginning operations, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
5. Once during each shift that the spray booth is used, NAVSHIPYD Puget Sound shall log if the pressure drop across the exhaust filters was in the acceptable range.
6. If the pressure drop is not within the acceptable range, NAVSHIPYD Puget Sound shall take corrective action as specified in the facility's Operation and Maintenance Plan.
7. NAVSHIPYD Puget Sound 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 the 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.
8. HVLP guns are to be used for all coatings with the exception of military heavy body epoxies.

  
CLAUDE M. WILLIAMS  
Reviewing Engineer

MEJ

  
JAY M. WILLENBERG  
Reviewing Engineer

  
David D. Knih  
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. 14082

Notice of  
Construction No. 6776

Date JAN 30 1997

One Binks PFF-16-10-TLH Dry Filter Spray Booth rated at 20,650 cfm for the Regional Pump Repair Area located in Bldg.  
431 (ID 71-431-122).

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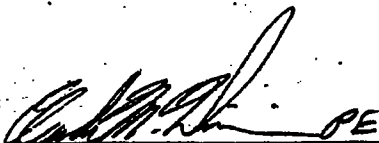
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## INSTALLATION ADDRESS

NAVSHIPYD PUGET SOUND, 1400 FARRAGUT AVE, BREMERTON, WA, 98314

## 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. NAVSHIPYD Puget Sound shall install and maintain a gauge to measure the pressure across the spray booth exhaust filters. Within 90 days after beginning operations, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
5. Once during each shift that the spray booth is used, NAVSHIPYD Puget Sound shall log if the pressure drop across the exhaust filters was in the acceptable range.
6. If the pressure drop is not within the acceptable range, NAVSHIPYD Puget Sound shall take corrective action as specified in the facility's Operation and Maintenance Plan.
7. NAVSHIPYD Puget Sound 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 the 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.
8. HVLG guns are to be used for all coatings with the exception of military heavy body epoxies.



CLAUDE M. WILLIAMS  
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. 14082

Notice of  
Construction No. 6849

Date FEB 6 1997

Three Dust Collectors rated at 20,000 cfm each (ID 26-DD3-102) located in the Thermal Process Cutting Facility at Dry  
Dock #3.

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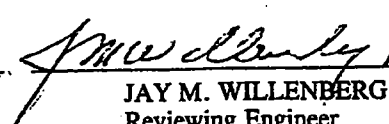
## INSTALLATION ADDRESS

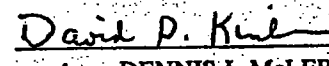
U S NAVSHIPYD PUGET SOUND, 1400 FARRAGUT AVE, BREMERTON, WA, 98314

## 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.
4. U S NAVSHIPYD Puget Sound shall install and maintain gauges to measure the pressure drop across the exhaust filters of the dust collectors. Within 90 days after beginning operations, the acceptable ranges for the gauges shall be clearly marked on or nearby the gauges.
5. Once each week that the dust collectors are used, U S NAVSHIPYD Puget Sound shall log if the pressure drops across the exhaust filters were in the acceptable range.
6. If the pressure drops are not within the acceptable range, U S NAVSHIPYD Puget Sound shall take corrective action as specified in the facility's Operation and Maintenance Plan.
7. Particulate emissions from the dust collectors shall not exceed 0.01 gr/dscf as measured by EPA Method 5.
8. Opacity from the dust collectors shall not exceed 5% for a period or periods aggregating more than 3 minutes in any 1 hour.

  
CLAUDE M. WILLIAMS  
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. 14082

Notice of  
Construction No. 7048

Date SEP 10 1997

One Portable F.S.I. Inc 5002(B) Flame Spray Booth rated at 11,900 cfm (I.D. SIMA-PORT-181).

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## INSTALLATION ADDRESS

U S NAVSHIPYD PUGET SOUND, 1400 FARRAGUT AVE, BREMERTON, WA, 98314

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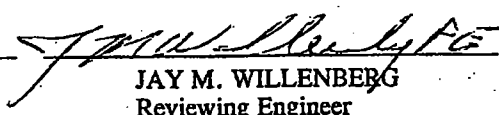
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2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Puget Sound Naval Shipyard shall install and maintain a gauge to measure the water flow across the spray booth exhaust. Within 90 days after beginning operations, the acceptable range for the gauge shall be clearly marked on or nearby the gauge.
4. Once each shift that the spray booth is used, Puget Sound Naval Shipyard shall determine and record if the water flow is in the acceptable range.
5. If the water flow is not within the acceptable range, Puget Sound Naval Shipyard shall take corrective action as specified in the facility's Operation and Maintenance Plan.



PE

CLAUDE M. WILLIAMS  
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. 7624

Registration No. 14082

Date MAR 12 1999

One Ultra Cool Model 100-40-50 Vapor Degreaser (ID 71-873-161A) using n-propyl bromide (CAS 106-94-5), located in Bldg. 873.

## APPLICANT

Scott E Baker, Code 106.31  
U S NAVSHIPYD Puget Sound  
1400 Farragut Ave  
Bremerton, WA 98314-5001

## OWNER

U S NAVSHIPYD Puget Sound  
Code 106.31  
Bremerton, WA 98314-5001

## INSTALLATION ADDRESS

U S NAVSHIPYD Puget Sound, 1400 Farragut Ave, Bremerton, WA, 98314

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2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Only n-propyl bromide (CAS 106-94-5) shall be used as a degreasing solvent in this unit.
4. Regulation III, Sections 3.05(a) and (b) and WAC 173-460-060(5)(a), (b) and (c) apply to this unit.
5. This vapor degreaser shall employ a cover that opens horizontally, a freeboard ratio greater than or equal to 1.00, and a refrigerated freeboard chiller.

## 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.

Claude Williams, PE  
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

Notice of  
Construction No. 7781

Registration No. 14082

Date JUL 7 1999

One CNC Router (ID #67-431-21) with one MRM-7-2D Baghouse rated at 1,200 cfm located in Building 431.

## APPLICANT

Scott E Baker, Code 106.31  
U S NAVSHIPYD Puget Sound  
1400 Farragut Ave  
Bremerton, WA 98314-5001

## OWNER

U S NAVSHIPYD Puget Sound  
1400 Farragut Ave  
Bremerton, WA 98314-5001

## INSTALLATION ADDRESS

U S NAVSHIPYD Puget Sound, 1400 Farragut Ave, Bremerton, WA, 98314

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2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. U S NAVSHIPYD Puget Sound shall install and maintain a gauge to measure the pressure drop across the baghouse 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 during each week the baghouse is used, U S NAVSHIPYD Puget Sound 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, U S NAVSHIPYD Puget Sound 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.

Claude Williams, PE  
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. 8056

Registration No. 14082

Date FEB 3 2000



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

Temporary Site for greater than 90-day Storage of Asbestos-Containing Waste Materials.

## APPLICANT

Sid Yaptinchay  
U.S NAVSHIPYD Puget Sound  
Code 106.33  
Bremerton, WA 98314-5001

## OWNER

U S NAVSHIPYD Puget Sound  
Code 106.33  
Bremerton, WA 98314-5001

## INSTALLATION ADDRESS

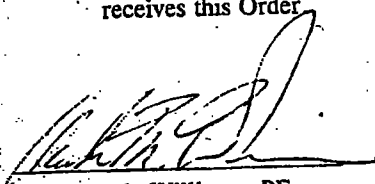
U S NAVSHIPYD Puget Sound, 1400 Farragut Ave, Bremerton, WA, 98314

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2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. This storage site may store, for greater than 90 days, asbestos-containing waste materials that are collected for EPA sanctioned testing of the ARI Inc Asbestos Conversion unit.
4. This Order of Approval No. 8056 shall expire 90-days from the start of asbestos-containing materials processing. PSNS shall notify the Puget Sound Clean Air Agency in writing of the date that testing begins.
5. This Order of Approval No. 8056, issued to change wording regarding expiration date, hereby supersedes and cancels Order of Approval No. 7868 dated July 15, 1999.

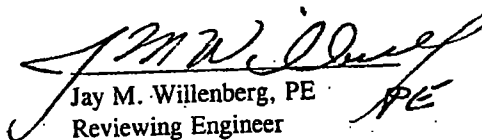
## APPEAL RIGHTS

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.

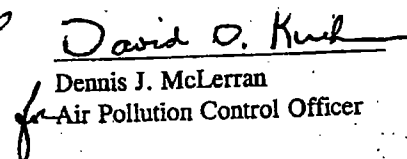


Claude Williams, PE  
Reviewing Engineer

mej



Jay M. Willenberg, PE  
Reviewing Engineer



Dennis J. McLerran  
Air Pollution Control Officer



# Puget Sound Clean Air Agency

Notice of  
Construction No. **8135**

Registration No. **14082**

Date **MAY 03 2002**

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

Thermal Process Cutting with emissions controlled by four Dust Collectors rated at 50,000-cfm each (ID 350-368-101 through 104) located in Building 368.

### APPLICANT

**Anthony M Thurman**  
**U S NAVSHIPYD Puget Sound**  
**Code 106.31**  
**Bremerton, WA 98314-5001**

### OWNER

**U S NAVSHIPYD Puget Sound**  
**Code 106.31**  
**Bremerton, WA 98314-5001**

### INSTALLATION ADDRESS

**U S NAVSHIPYD Puget Sound, 1400 Farragut Ave, Bremerton, WA, 98314**

### 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. Building 368 dust collectors shall not emit visible emissions greater than 5% opacity for a period or periods aggregating more than 3 minutes in any 1 hour, as measured using Washington DOE Method 9A.
4. Building 368 shall not emit fugitive emissions.
5. U S NAVSHIPYD Puget Sound shall install and maintain gauges to measure the pressure drop across the dust collector exhaust filters. Within 90 days after beginning operations, the acceptable ranges for the gauges shall be clearly marked on or nearby the gauges.
6. U S NAVSHIPYD Puget Sound shall install and maintain filter cartridge leak detectors for each dust collector, using the specifications in 40 CFR 63.1184.
7. U S NAVSHIPYD Puget Sound shall perform daily inspections of the pressure drop across the dust collector filters 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, U S NAVSHIPYD Puget Sound shall take corrective action immediately, but not later than within 24 hours, to return the unit to operations within the normal pressure drop range.
8. A trained observer shall perform daily inspections of the area around Building 368, including all emission units, for visible emissions. If visible emissions other than uncombined water are noted during the inspection, U S NAVSHIPYD Puget Sound shall immediately, but not later than within 24 hours, take corrective action to eliminate the visible emissions. Such actions shall include but not be limited to identifying and correcting defective or malfunctioning equipment, closing access points to increase net building negative pressure, reducing operations, or shutting down. Dust trackout shall be

# Order of Approval for NC No. 8135

MAY 03 2002

cleaned up immediately, but not later than within 24 hours after discovery.

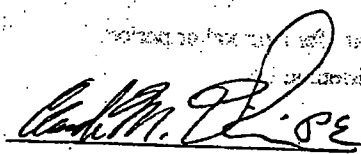
9. U S NAVSHIPYD Puget Sound shall keep records of alarms, inspections and corrective actions including:

- (a) Date and time of alarm or inspection;
- (b) Stack identification or area of fugitive emission;
- (c) Operational status/conditions of associated emission unit;
- (d) Observed results and conclusions;
- (e) Description of corrective actions taken to resolve any observed emissions;
- (f) Date and time visible emissions were eliminated; and
- (g) Name of person performing the inspection, measurement, or monitoring.

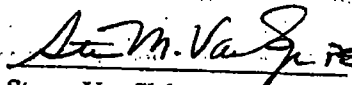
10. This Order of Approval No. 8135 hereby supersedes and cancels Order of Approval No. 8135 dated September 28, 2000.

## 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.



Claude Williams  
Reviewing Engineer



Steven Van Slyke  
Supervising Engineer





# Puget Sound Clean Air Agency

Notice of  
Construction No. **8240**

Registration No. **14082**

Date **AUG 15 2000**

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

One Dry Filter System Spray Coating Booth (ID 71-862-125) rated at 16,000 located in Building 862.

### APPLICANT

**Anthony M Thurman, Code 106.31**  
**U S NAVSHIPYD Puget Sound**  
**1400 Farragut Ave**  
**Bremerton, WA 98314-5001**

### OWNER

**U S NAVSHIPYD Puget Sound**  
**1400 Farragut Ave**  
**Bremerton, WA 98314-5001**

### INSTALLATION ADDRESS

**U S NAVSHIPYD Puget Sound, 1400 Farragut Ave, Bremerton, WA, 98314**

### 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. U S NAVSHIPYD Puget Sound shall install and maintain a gauge to measure the pressure drop across the exhaust filters of this spray coating booth. Within 90 days after beginning operations, U S NAVSHIPYD Puget Sound shall incorporate the normal operating pressure drop into the Operation and Maintenance Plan and clearly mark that range on or near the pressure drop gauge.
4. This spray booth shall be inspected at least once per day of operation for proper seating of the filters, complete coverage over the exhaust plenum, and pressure drop across the filters. U S NAVSHIPYD Puget Sound shall record if the filters were properly seated, if the coverage of the exhaust plenum was complete, and the pressure drop. If improperly seated filters or abnormal pressure drop are observed, U S NAVSHIPYD Puget Sound shall take corrective action prior to resuming any spray coating activity.
5. 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.
6. U S NAVSHIPYD Puget Sound shall only use high volume, low pressure spray (HVLP) or air assisted airless equipment in its spray coating operations in this booth.
7. U S NAVSHIPYD Puget Sound shall use best management practices in its spray coating operation, including the collection of organic solvent used for cleanup of equipment into normally closed containers to minimize evaporation to the atmosphere, and keeping containers used for the storage and disposal of organic solvent closed except when these containers are being cleaned or when materials are being added.
8. U S NAVSHIPYD Puget Sound must comply with the National Emission Standards for Shipbuilding and Ship Repair (Surface Coating) in 40 CFR 63, Subpart II for all objects painted in this spray booth.



# Puget Sound Clean Air Agency

Notice of  
Construction No. 8434

Registration No. 14082

Date JUN 27 2001

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

Dockside Abrasive Vacuum Blasting for Interior and Exterior Surfaces of Naval Vessels.

## APPLICANT

Chris Brady  
Corrosion Engineering Services Inc  
3635 Ruffin Rd Ste 100  
San Diego, CA 92123

## OWNER

Anthony Thurman  
U S NAVSHIPYD Puget Sound  
Code 106.31, Bldg 427  
Bremerton, WA 98314-5001

## INSTALLATION ADDRESS

U S NAVSHIPYD Puget Sound, 1400 Farragut Ave, Bremerton, WA, 98314

## 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. ABRASIVE VACUUM BLASTING: Once during each shift that the portable abrasive vacuum blasting unit is used, the operator shall determine and record, from installed manometers, if the pressure drop across the HEPA filter is in the acceptable range. If the pressure drop is not within the acceptable range, the operator/contractor shall take corrective action as specified in the Operation and Maintenance Plan as required by Puget Sound Clean Air Agency Regulation I, Section 5.05(e).
4. FUGITIVE DUST: The operator/contractor shall confine fugitive dust from coating removal operations by using tarping methods (e.g., tarpaulins, plastic barriers, shrink wrap, mobile enclosures, physical barriers or similar methods). If the tarping system has rips, tears or gaps that may cause fugitive dust to escape, the operator shall initiate repairs immediately upon discovery, but not later than the next work shift. Abrasive blasting shall be curtailed during windy periods that have the potential to carry fugitive dust.

## APPEAL RIGHTS

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Claude Williams  
Reviewing Engineer  
mej

Steven Van Slyke  
Reviewing Engineer

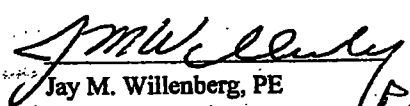
Dennis J. McLerran  
Air Pollution Control Officer

## APPEAL RIGHTS

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Claude Williams, PE  
Reviewing Engineer

mej

  
Jay M. Willenberg, PE  
Reviewing Engineer

  
Dennis J. McLerran  
Air Pollution Control Officer