



Puget Sound Air Pollution Control Agency

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of
Construction No. 1128
Date December 14, 1973

One lifter roof 20,000 bbl tank and seven fixed cone roof type tanks (tanks
containing high volatiles have relief vents piped into the lifter roof tank) of
4960 bbl to 3500 bbl capacity

A
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T

John Dobson

P. O. Box 1600

Tacoma, WA 98401

NAME

STREET

CITY

STATE

ZIP

U.S. Oil and Refining Co.

3001 Marshall Avenue

STREET

Tacoma, WA 98421

CITY STATE ZIP

INSTALLATION ADDRESS

3001 Marshall Avenue

STREET

Tacoma, Washington 98421

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 herein 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

A. R. Dammkoehler

Air Pollution Control Officer

Reviewing Engineer

jn

Form 50-118 Approved 11/73



Puget Sound Air Pollution Control Agency

**HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH**

Notice of
Construction No. 1633

Date August 24, 1976

A 7500 Barrel Tank in a new location from its present location near Applicant's dock to a location in the Refinery Tank Farm at 3001 Marshall Avenue, Tacoma, WA 98421

U. S. Oil & Refining Co. NAME
3001 Marshall Avenue STREET
Tacoma, Washington 98421 ZIP

Same		
NAME		
<hr/>		
STREET		
<hr/>		
OWNER	CITY	STATE
		ZIP

INSTALLATION ADDRESS

SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

SPECIFIC

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G. W. Stanfoud P.E.

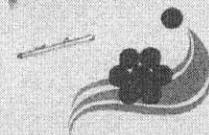
A. J. Wright *FOR*

Reviewing Engineer

87

Form 50-118 Approved 11/73

A. R. Dammkoehler



Puget Sound Air Pollution Control Agency

Notice of
Construction No. 1744

Date AUG 9 1977

HEREBY GRANTS

PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

Additional Catalytic Reformer Unit including process furnace and catalytic
regenerating furnace

APPLICANT
A U. S. Oil and Refining Company
P P. O. Box 2255
L C A N T Tacoma Washington 98401
T CITY STATE ZIP

OWNER
Same
NAME
STREET
CITY STATE ZIP

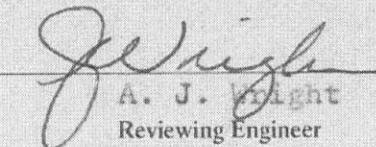
INSTALLATION ADDRESS
3001 Marshall Avenue
STREET
CITY STATE ZIP

Tacoma, Washington 98421
CITY STATE ZIP

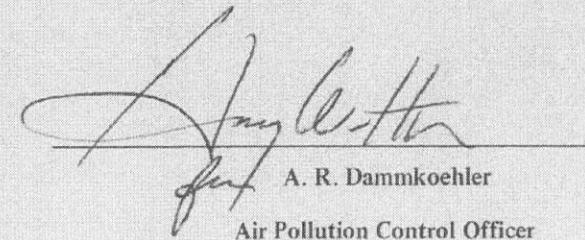
SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

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A. J. Knight
Reviewing Engineer

SPECIFIC


A. R. Dammkoehler
Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

A 4500 Barrel Per Day Fuel Oil Hydrotreater and Sulfur Recovery Unit.

A P P L I C A N T	U. S. Oil & Refining Company NAME	Same NAME
	P. O. Box 2255 STREET	OWNER STREET
	Tacoma, WA 98421 CITY STATE ZIP	CITY STATE ZIP

INSTALLATION ADDRESS

3001 Marshall Avenue, STREET	Tacoma, WA 98421 CITY STATE ZIP
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SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

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R. A. Kester
Reviewing Engineer

jk

Form 50-118 Approved 11/73

SPECIFIC




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. 12593

Notice of
Construction No. 2046

Date JAN 27 1998

Two 80,000 bbl External Floating Roof Tanks for storage of crude oil (Tk-80017, 80018) and one 80,000 bbl Fixed Roof Tank for storage of gas/oil (Tk-80019).

BRENT BRIGHAM

A U S OIL & REFINING CO
P
L PO BOX 2255
I
C TACOMA
A
N
T WA 98401-2255

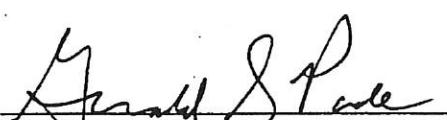
O U S OIL & REFINING CO
W
N PO BOX 2255
E
R TACOMA
WA 98401-2255

INSTALLATION ADDRESS

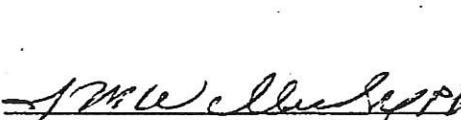
U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

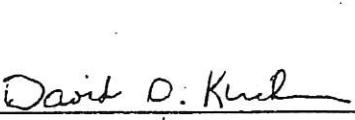
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. These tanks are subject to federal New Source Performance Standards (NSPS) under 40 CFR Part 60, Subpart Ka.
4. This Order of Approval No. 2046, issued to correct Subpart from K to Ka, hereby supersedes and cancels Order of Approval No. 2046 dated Jan. 4, 1980.



GERALD S. PADE
Reviewing Engineer
MEJ



JAY M. WILLEMBERG
Reviewing Engineer



DENNIS J. McLERRAN
Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of
Construction No. 2046
JAN 4 1980
Date _____

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

Tanks 80017 and 80018, crude oil storage tanks 120 diameter x 40' height, 80,000 barrel capacity, with floating roofs and double seals (CAL-SPEC 400-1000). Tank 80019, asphalt storage tank 120 diameter x 40' height, 80,000 barrel capacity with cone roof

Mr. Alan J. Cabodi
U.S. Oil & Refining Co.

APPLICANT
NAME: P.O. Box 2255
STREET: Tacoma,
STATE: WA
CITY: ZIP: 98401

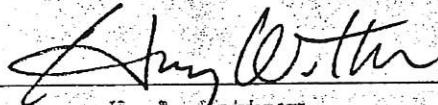
OWNER
NAME: _____
STREET: _____
CITY: _____ STATE: _____ ZIP: _____

INSTALLATION ADDRESS
3001 Marshall Ave.

Tacoma, WA 98421

GENERAL

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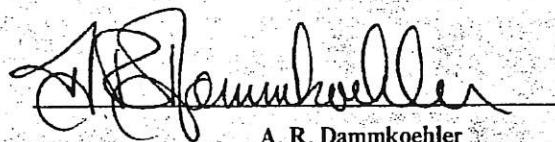
H. A. Jatters
Reviewing Engineer

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Form 50-118 Approved 11/73

SPECIFIC

These sources are subject to EPA New Source Performance Standards (NSPS) 40CFR60, Subpart K.



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. 2209
Date: JAN 21 1981

One Vapor Absorption Column at 400 cfm to control storage tanks and loading rack;
modify existing loading rack to bottom loading

APPLICANT	Mr. Alan J. Cabodi	NAME	OWNER	Same	NAME
	U.S. Oil & Refining Co.				
	P.O. Box 2255				
	Tacoma	STREET	WA	98401	STREET
		CITY	STATE	ZIP	CITY
					STATE
					ZIP

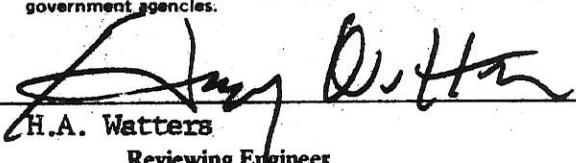
INSTALLATION ADDRESS

3001 Marshall Avenue Tacoma WA 98401
STREET CITY STATE 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.

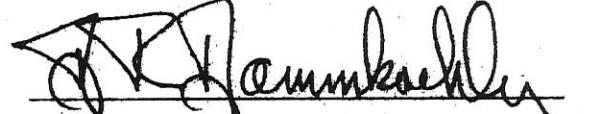

H.A. Watters

Reviewing Engineer

gh

Form 50-118 Approved 11/73

SPECIFIC


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. 2308

Date SEP 30 1981

Modify existing 8" diameter crude unit flare stack by adding a steam injection ring

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Alen J. Cebodi
U.S. Oil & Refining Co.
P.O. Box 2255
Tacoma WA 98401

O
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N
E
R

Same
NAME
STREET
CITY STATE ZIP

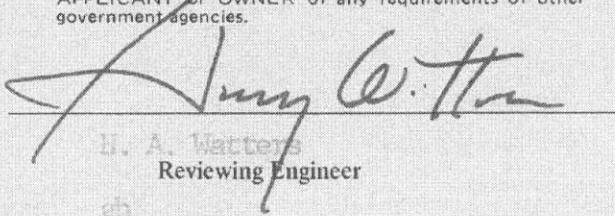
INSTALLATION ADDRESS

3001 Marshall Ave.
Tacoma WA 98401

SUBJECT TO THE FOLLOWING RESTRICTIONS

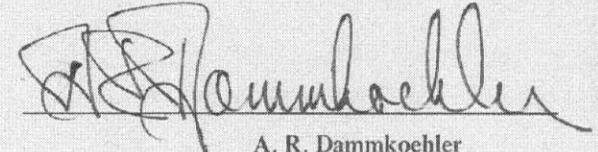
GENERAL

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H. A. Matters
Reviewing Engineer

Form 50-118 Approved 11/73

SPECIFIC


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. 12593

Notice of
Construction No. 2331

Date JAN 27 1998

One 8,300 bbl External Floating Roof Tank for storage of diesel (Tk-8503).

BRENT BRIGHAM

A U S OIL & REFINING CO
P
L PO BOX 2255
I
C TACOMA WA 98401-2255
A
N
T

O U S OIL & REFINING CO
W
N PO BOX 2255
E
R TACOMA WA 98401-2255

INSTALLATION ADDRESS

U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

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. This Order of Approval No. 2331, issued to remove condition no longer applicable, hereby supersedes and cancels Order of Approval No. 2331 dated Dec. 17, 1981.

Gerald S. Pade *Jay M. Willenberg* *for* *David D. Kerr*
GERALD S. PADE JAY M. WILLEMBERG for DENNIS J. McLERRAN
Reviewing Engineer Reviewing Engineer Air Pollution Control Officer
MEJ



Puget Sound Air Pollution Control Agency

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

Notice of
Construction No. 2365
Date APR 7 1982

One Crude Unit Waste Gas Flare, 12" diameter, 91 Feet high, with gas pilot and ignitor, John Zink flare tip Model STF-S-12

APPLICANT
Mr. Alan J. Cabodi
U.S. Oil & Refining Company
3001 Marshall Avenue, P.O. Box 2255
Tacoma, WA 98401

NAME

STREET

CITY

STATE

98401

OWNER

SAH

NAME

STREET

CITY

STATE

ZIP

INSTALLATION ADDRESS

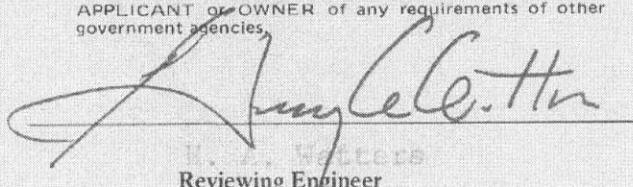
3001 Marshall Avenue,
STREET

Tacoma, WA 98421
CITY STATE ZIP

SUBJECT TO THE FOLLOWING RESTRICTIONS

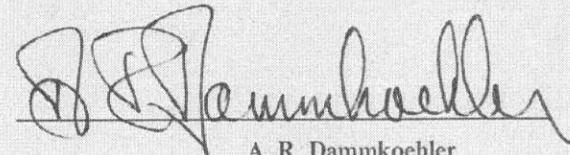
GENERAL

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H. J. Rutherford
Reviewing Engineer

SPECIFIC



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. 12593

Notice of
Construction No. 2501

Date JAN 27 1998

One 30,000 bbl Fixed Roof Tank for storage of fuel oil blend stocks (Tk-30004).

BRENT BRIGHAM

A U S OIL & REFINING CO
P
P
L PO BOX 2255
I
C TACOMA WA 98401-2255
A
N
T

O U S OIL & REFINING CO
W
N PO BOX 2255
E
R TACOMA WA 98401-2255

INSTALLATION ADDRESS

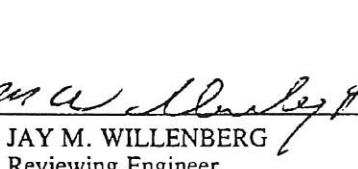
U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

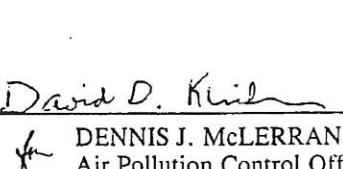
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. This tank is subject to federal New Source Performance Standards (NSPS) under 40 CFR Part 60, Subpart Ka.
4. This Order of Approval No. 2501, issued to remove condition no longer applicable, hereby supersedes and cancels Order of Approval No. 2501 dated Nov. 16, 1983.


GERALD S. PADE
Reviewing Engineer

MEJ


JAY M. WILLEMBERG
Reviewing Engineer


DENNIS J. McLERRAN
Air Pollution Control Officer



Puget Sound Air Pollution Control Agency

Notice of
Construction No. 2573
FEB 6 1985
Date

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH
Hydrocracker Expansion - Equipment described in PSAPCA Order of Approval
dated February 6, 1985.

A P L I C A N T	U.S. Oil & Refining Company NAME 3001 Marshall Avenue STREET Tacoma CITY	WA STATE 98401 ZIP	SAME NAME STREET CITY STATE ZIP
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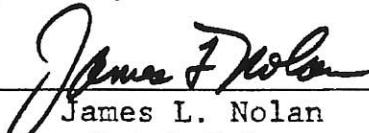
INSTALLATION ADDRESS

3001 Marshall Avenue STREET	Tacoma CITY	WA STATE	98401 ZIP
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SUBJECT TO THE FOLLOWING RESTRICTIONS

GENERAL

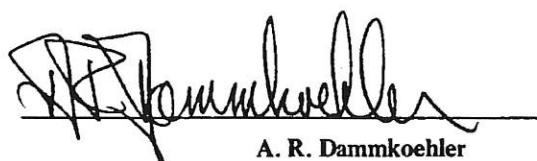
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James L. Nolan
Reviewing Engineer

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SPECIFIC

As contained in PSAPCA Order of Approval dated February 6, 1985.


A. R. Dammkoehler
Air Pollution Control Officer



200 West Mercer Street, Room 205, P.O. Box 9863
Seattle, Washington 98109
(206) 344-7330

February 6, 1985

Mr. Thomas T. Hullinger
U. S. Oil & Refining Co.
Post Office Box 2255
Tacoma, WA 98401

Dear Mr. Hullinger:

**ORDER OF APPROVAL
NOTICE OF CONSTRUCTION NO. 2573**

Notice of Construction No. 2573 is hereby ordered approved subject to the conditions specified herein.

I. Equipment Approved

- A. 2 - 80,000 bbl cone roof tanks for the storage of the heavy gas oil.
- B. 1 - Fuel-fired boiler rated at 98.9 million Btu/hr (may be fired with gas and fuel oil).
- C. 1 - Hydrocracker rated at 10,000 barrels per day (BPD) with one feed heater rated at 60.4 million Btu/hr (fired with fuel oil).
- D. 1 - Hydrogen production unit rated at 228 million SCF or hydrogen per day with one heater rated at 190 million Btu/hr (fired with refinery gas).
- E. 1 - Residual oil processing unit rated at 8200 BPD with one feed heater rated at 115 million Btu/hr (fired with refinery gas).
- F. 1 - Claus sulfur recovery unit with tail gas treatment rated at 118 tons of sulfur per day.
- G. 2 - Merox units.
- H. 1 - Amine treating system for refinery fuel gas.
- I. 2 - Sour water systems, one rated at 120 gallons per minute (GPM) and one rated at 20 GPM.

SERVING:
KING COUNTY
200 West Mercer St.
P.O. Box 9863
Seattle, 98109
(206) 344-7330

KITSAP COUNTY
Dial Operator for Toll
Free Number Zenith 8385
Bainbridge Island Residents
Dial 344-7330

PIERCE COUNTY
901 Tacoma Avenue South
213 Hess Building
Tacoma, 98402
(206) 383-5851

SNOHOMISH COUNTY
1-800-552-3565

BOARD OF DIRECTORS
CHAIRMAN: Doug Sutherland, Mayor Tacoma

Ray Aardal, Commissioner Kitsap County
Charles Royer, Mayor Seattle

Bruce Agnew, Councilman Snohomish County
Joe Stortini, Pierce County Executive

William E. Moore, Mayor Everett
Linda Tanz, Member at Large

VICE CHAIRMAN: Morrie Dawkins, Mayor Bremerton
Randy Revelle, King County Executive
A.R. Dammkoehler, Air Pollution Control Officer

J. 1 - Cooling tower.

K. 1 - Flare.

Prior to installation of any of the approved equipment, U. S. Oil and Refining shall submit engineering drawings and specifications of the equipment proposed to be installed. U. S. Oil and Refining shall notify PSAPCA within 30 days of the completion of installation of any of the approved equipment.

II. Prior Notice of Construction No. 1911

The following equipment has been installed under Notice of Construction No. 1911:

- A. Atmospheric crude unit (including modified atmospheric column and 50 million Btu/hr heater).
- B. Vacuum crude unit (including vacuum column and 44.4 million Btu/hr heater).
- C. Fuel-fired boiler rated at 120 million Btu/hr.

No further equipment may be installed under Notice of Construction No. 1911.

III. Emission Standards

- A. The approved equipment is subject to the requirements of 40 CFR Part 60, Subparts J and GGG.
- B. SO₂ and NO_x emissions shall not exceed the limits contained in Table 1.
- C. Not more than 25% of the gasoline distributed from the facility shall be loaded on marine vessels.
- D. The sulfur content of the fuel oil burned in the refinery shall not exceed 0.35 percent by weight.
- E. The ash content of the fuel oil burned in the refinery shall not exceed 0.03 percent by weight.
- F. The 3-hour average H₂S content of the fuel gas burned in the refinery shall not exceed 160 ppm.
- G. The hourly average SO₂ concentration in the tail gas from the Claus sulfur recovery plant shall not exceed:

1. 0.025 percent by volume of sulfur dioxide at zero percent oxygen on a dry basis if emissions are controlled by an oxidation control system, or a reduction control system followed by incineration; or
2. 0.030 percent by volume of reduced sulfur compounds and 0.0010 percent by volume of hydrogen sulfide calculated as sulfur dioxide at zero percent oxygen on a dry basis if emissions are controlled by a reduction control system not followed by incineration.

IV. Compliance Monitoring

- A. The sulfur and ash content of each batch of fuel burned in the refinery shall be determined using current ASTM approved procedures, the results recorded and retained for two years.
- B. Each emission source listed in Table 1 shall be equipped with a continuous oxygen monitor and recorder. Records of the oxygen concentrations shall be retained for two years. All oxygen monitors shall conform to the requirements of 40 CFR Part 60, Appendix B, Performance Specification 3. Each monitor shall be certified as meeting Performance Specification 3 within 180 days of installation. Emission sources approved in Part I of this Order shall be equipped with continuous oxygen monitors prior to startup. All other emission sources listed in Table 1 shall be equipped with continuous oxygen monitors prior to completion of the project.
- C. Emission sources approved in Part I of this Order and contained in Table 1 shall be source tested using EPA Method 7 within 180 days of startup and the results of the test reported to PSAPCA within 30 days of the test. PSAPCA shall be notified 30 days prior to the test so that Agency personnel may observe the test.
- D. The outlet of the sulfur recovery plant shall be equipped with a continuous oxygen monitor, a continuous sulfur dioxide monitor and a recorder. Records of the hourly oxygen, sulfur dioxide and corrected sulfur dioxide concentrations shall be retained for two years. The oxygen monitor shall conform to 40 CFR Part 60, Appendix B, Performance Specification 3. The sulfur dioxide monitor shall conform to 40 CFR Part 60, Appendix B, Performance Specification 2. Each monitor shall be certified as meeting the respective Performance Specification within 180 days of startup of the sulfur recovery plant.
- E. The fuel gas system shall be equipped with a continuous hydrogen sulfide monitor and a recorder. Records of the hourly hydrogen sulfide concentrations shall be retained for two years. The hydrogen sulfide monitor shall conform to 40 CFR Part 60, Appendix B, Performance Specification 2. This moni-

tor shall be certified as meeting Performance Specification 2 within 180 days of startup of the sour gas treatment system.

F. U. S. Oil & Refining Co. shall submit a quality assurance plan for each continuous monitor, for Agency approval, prior to certification of such continuous monitor. The approved quality assurance plan shall then be followed at all times.

G. The continuous monitors described in Part IV Subparts D and E of this Order shall be used to determine compliance with the emission limits contained in Section III, Subparts F and G.

Sincerely,



Arthur R. Dammkoehler
Air Pollution Control Officer

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TABLE 1
SO₂ and NO_x Emission Limits for Fuel Burning Equipment

Source	SO ₂			NO _x		
	lb/hr	tons/yr	ppm	(1)	lb/hr	tons/yr
Atmospheric Crude Unit Heater (H-11, 8)	31.0	136	160		12.2	53
Vacuum Crude Unit Heater (H-201)	12.0	52	160		4.7	21
Atmospheric Asphalt Unit Heater (H-3)	11.1	49	160		4.4	19
Vacuum Asphalt Unit Heater (H-2)	2.0	9	160		0.8	4
Hydrocracker Heater	20.3	89	100		5.0	22
Naptha Hydrodesulfurizer Heater (H-1101)	0.2	1	160		1.3	6
Fuel Oil Hydrotreater Heater (H-901)	0.2	1	140		1.0	4
Reformer Heater (H-801 abc, and H-1102, 1103 & 1104)	1.3	6	160		8.4	37
Hydrogen Plant Heater	3.4	15	55		7.3	32
Residual Oil Processing Heater	2.0	9	50		4.0	18
Asphalt Heaters	0.4	2	140		2.3	10
Boilers (B-1, 2, 3, 4)	20.5	90	160/110	(2)	10.9	48
Miscellaneous	0.1	<1	140		0.2	1

(1) The NO_x one hour average concentration is at 3% oxygen on a dry basis.

(2) 160 ppm for oil firing, 110 ppm for gas firing.



Puget Sound Air Pollution Control Agency

Notice of
Construction No. 2586

Date October 3, 1984

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

One Heavy Crude Unit Heater. Rated at 33×10^6 Btu/hr heat input. May be
fired with either residual oil or refinery fuel gas.

NC 2459 is hereby cancelled

APPLICANT
Mr. Thomas T. Hullinger
U. S. Oil & Refining Co.

NAME
P. O. Box 2255
STREET
CITY
TACOMA

NAME
STREET
STATE
WA
ZIP
98401

NAME
Same

NAME
STREET
CITY
STATE
ZIP

INSTALLATION ADDRESS

3001 Marshall Ave.,

STREET

Tacoma,

CITY

WA

98401

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 herein 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.

James L. Nolan
James L. Nolan
Reviewing Engineer

Sjn
Form 50-118 Approved 11/73

SPECIFIC

1. Residual fuel shall not contain more than 0.015 weight percent ash;
2. Subject to the requirements of 40 CFR Part 60, Subpart J and PSAPCA letter dated October 3, 1984

A. R. Dammkoehler
A. R. Dammkoehler

Air Pollution Control Officer

Puget Sound Clean Air Agency

Clean Air Agency

Notice of
Construction No. 2597

Registration No. 12593

Date JAN 09 2002

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

One Heavy Crude Unit Heater rated at 33 MMBtu/hr heat input. May be fired with either residual oil or refinery gas.

APPLICANT

Dan Riley
U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

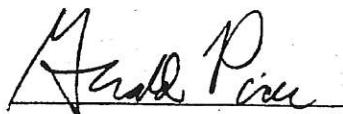
U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

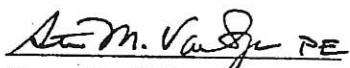
U S Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

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. This Order of Approval No. 2597 hereby supersedes and cancels Order of Approval No. 2597 dated October 30, 1984, which cancelled and superceded Order of Approval Nos. 2459 and 2586.



Gerald Pade
Reviewing Engineer
ns



Steven Van Slyke
Supervising Engineer



Puget Sound Air Pollution Control Agency

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

One Petrex API Separator Forebay Cover.

Notice of
Construction No. 2517
Date FEB 14 1985

APPLICANT

Mr. Tom Hillinger
U.S. Oil & Refining Company

NAME

P.O. Box 2255

STREET

Tacoma,

WA

98401

CITY

STATE

ZIP

OWNER

NAME

NAME

STREET

CITY

STATE

ZIP

INSTALLATION ADDRESS

3001 Marshall Avenue,

STREET

Tacoma,

WA

98421

CITY

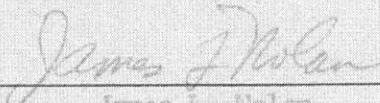
STATE

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.

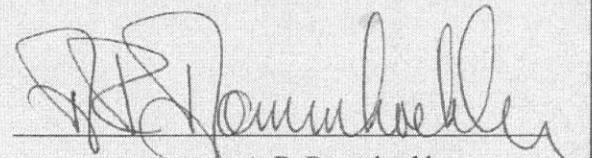


James L. Nolan
Reviewing Engineer

s:

Form 50-118 Approved 11/73

SPECIFIC



A. R. Dammkoehler

Air Pollution Control Officer



Puget Sound Clean Air Agency

Notice of
Construction No. 2633

Registration No. 12593

Date
JAN 09 2002

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

One Croll Reynolds Vacuum Ejector and Surface Condenser (rated at 1660 lb/hr) in the Heavy Crude Unit

APPLICANT

Ty Gaub
U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

U S Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

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. This Order of Approval No. 2633 hereby supersedes and cancels Order of Approval No. 2633 dated March 19, 1985.

Gerald Pade
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

Notice of Construction No. 3023

Date MAR 16 1988

Four replacement heaters, H-1101/1102/1103/1104, in CRU #1.43.4 MMBH using refinery fuelgas.

A P P L I C A N T	Mr. Thomas T. Hullinger U.S. Oil & Refinery Co.	NAME	Same	NAME
	P. O. Box 2255	STREET		STREET
	Tacoma, Washington 98407	CITY	CITY	STATE
		STATE		STATE
		ZIP		

INSTALLATION ADDRESS

#1 Reforming Unit, 3001 Marshall Ave., Tacoma, WA 98421

STREET	CITY	STATE
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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.

4. U.S. Oil & Refining shall meet the requirements of 40 CFR Part 60, Subpart J.
5. U.S. Oil & Refining shall submit to PSAPCA, the specific detailed prints and drawings for the heaters at least 30 days before startup.

Harry A. Watters
Reviewing Engineer

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

12593

Notice of
Construction No. 23170

DEC 21 1988

Two 15,000 barrel naphtha storage tanks, 52' diameter by 40' high; (#15001 and #15002) with floating roof; and one 28,000 barrel diesel fuel oil storage tank, 70' diameter by 42' high (#28001)

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MR. PAUL E. NOGES, U.S. OIL & REFINING COMPANY
P. O. BOX 2255
TACOMA WA 98401

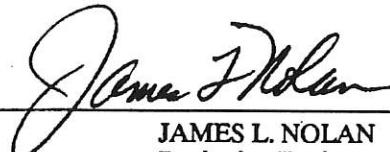
U. S. OIL & REFINING COMPANY
P. O. BOX 2255
TACOMA WA 98401

INSTALLATION ADDRESS

U S OIL & REFINING CO, 3001 MARSHALL AVENUE, TACOMA, WA, 98421

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.
4. tanks #15001 and #15002 are subject to the requirements of 40 CFR Part 60, Subpart Kb



JAMES L. NOLAN
Reviewing Engineer

cpm



Anita I. 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. 3184

MAN 20 1989

One Asphalt Mist Eliminator, 6'9" L x 6'2" W x 8'8" H, at 500 cfm

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U. S. OIL & REFINING CO., ATTN: PAUL R. BORTH
P. O. BOX 2255
TACOMA
WA 98401-2255

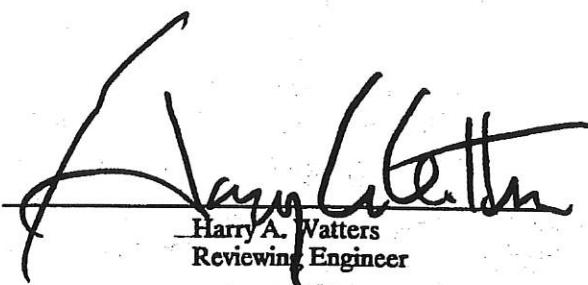
O U. S. OIL & REFINING CO.
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N P. O. BOX 2255
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R TACOMA
WA 98401-2255

INSTALLATION ADDRESS

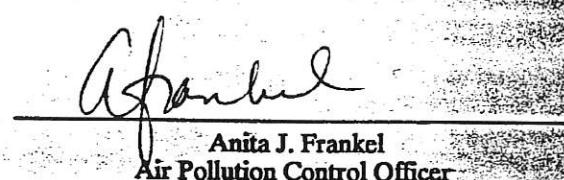
ASPHALT TRUCK LOADING RACK, 3001 MARSHALL AVE, TACOMA, WA, 98421

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

Reg. = 12593

Notice of
Construction No. 3186

Date JAN 26 1989

Tank 50001 (50,000 Bbls storage tanks for No. 6 residual fuel oil or asphalt) and tank

50002 (50,000 Bbls storage tank for No. 6 residual fuel oil) Reference NC 2501 - two

year extension

CH 3186

CHANGE = TANKS 50001-2--EXT. 2 YR -- SEE 2501

APPLICANT: J. S. Oil & Refining Co., ATTN: Thomas T. Mullinger
P. O. Box 2255
Tacoma, WA 98401
CITY STATE ZIP

NAME
OWNER
STREET
CITY STATE

INSTALLATION ADDRESS

3001 Marshall Avenue, Tacoma, WA 98421
STREET CITY STATE

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.

NC 3186
4. No storage of volatile organic compounds permitted under this Order of Approval

Russell A. Winters
Reviewing Engineer

copy

Form 50-118, (1/85)

Anita J. Frankel
A.R. Daminkoechler
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. 3353

Date NOV 07 1989

One diesel fuel loading rack for washing asphalt transport tanks.

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U S OIL & REFINING CO
PO BOX 2255
TACOMA WA 98401-2255

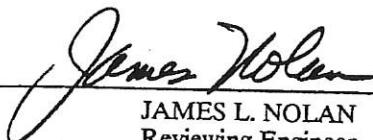
O U S OIL & REFINING CO
W N PO BOX 2255
E R TACOMA WA 98401-2255

INSTALLATION ADDRESS

U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

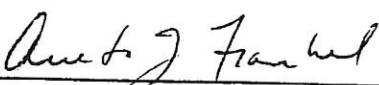
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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.



JAMES L. NOLAN
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. 12593

Notice of
Construction No. 3440

Date MAR 21 1990

Two cone roof 2000 bbl storage tanks (#2001-Desalter Brine and #2002-Desalter Emulsion).

DANIEL T RILEY

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U S OIL & REFINING CO
PO BOX 2255
TACOMA WA 98401-2255

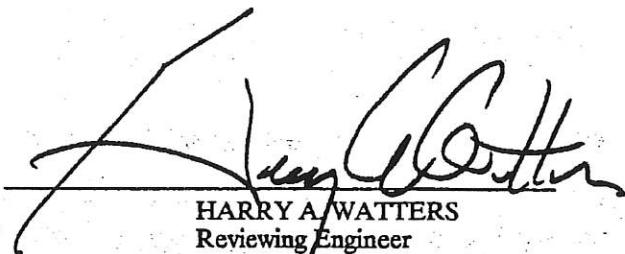
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TACOMA WA 98401-2255

INSTALLATION ADDRESS

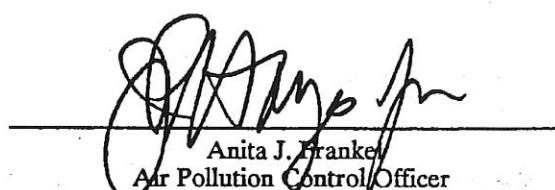
U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

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. Franke
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Registration No. 12593

Notice of
Construction No. 3900

Date MAY 28 199

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

One fuel gas-fired heater (H-901) at 10.8 MMBH to replace an existing Fuel Oil Hydrotreating Unit heater.

DAN RILEY

A U S OIL & REFINING CO
P PO BOX 2255
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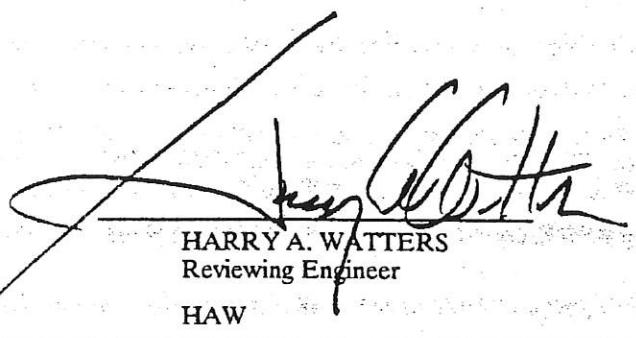
O U S OIL & REFINING CO
W
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R
TACOMA
WA 98401-2255

INSTALLATION ADDRESS

U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

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. This heater is subject to the requirements of 40 CFR 60, Subpart J.
5. Heater No. H-901 shall meet the following hourly emission limits:
 - (a) 0.10 lb NO₂/MMBTU; and
 - (b) 0.10 gr of H₂S/dscf.
6. US Oil & Refining shall install the following Continuous Emission Monitoring Systems (CEMS):
 - (a) for NO_x with the attendant monitoring of oxygen from the new fuel gas heater (H-901);
 - (b) for hydrogen sulfide (H₂S) in the fuel gas burned.
7. Each CEMS shall meet the requirements of 40 CFR 60, Appendix B or of Article 12 of Regulation I, whichever is more stringent.
8. US Oil & Refining shall submit the make and model of this heater (H-901) at least 30 days before the start of construction.


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. 12593

Notice of
Construction No. 4177

Date JAN 27 1998

One 9.8 MMBtu/hr Heater (H-901) to replace the existing Fuel Oil Hydrotreating Unit Heater.

BRENT BRIGHAM

A U S OIL & REFINING CO
P
L PO BOX 2255
I
C TACOMA
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WA 98401-2255

O U S OIL & REFINING CO
W
N PO BOX 2255
E
R TACOMA
WA 98401-2255

INSTALLATION ADDRESS

U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

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. This heater is subject to federal New Source Performance Standards under 40 CFR Part 60, Subpart J.
4. This Order of Approval No. 4177, issued to remove condition pertaining to H2S emission standard for H-901, hereby supersedes and cancels Order of Approval No. 4177 dated Nov. 20, 1991.

Gerald S. Pade *Jay M. Willenberg* *David O. Krihne*
for DENNIS J. McLERRAN
GERALD S. PADE
Reviewing Engineer
JAY M. WILLEMBERG
Reviewing Engineer
DAVID O. KRIHNE
Air Pollution Control Officer
MEJ

Puget Sound Air Pollution Control Agency

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

Registration No. 12593

Notice of
Construction No. 4177

Date NOV 20 1991

One fuel gas-fired heater (H-901) at 9,8 MMBH to replace an existing Fuel Oil Hydrotreating Unit heater.

DAN RILEY

A U S OIL & REFINING CO
P PO BOX 2255
P I TACOMA
C WA 98401-2255
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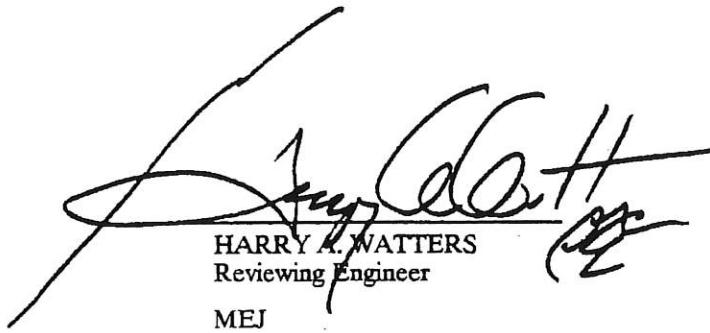
O U S OIL & REFINING CO
W N PO BOX 2255
E R TACOMA
WA 98401-2255

INSTALLATION ADDRESS

U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

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. This heater is subject to the requirements of 40 CFR 60, Subpart J.
5. Heater No. H-901 shall meet the following hourly emission limits:
 - (a) 0.10 lb NO₂/MMBTU; and
 - (b) 0.10 gr of H₂S/dscf.
6. US Oil & Refining shall install a Continuous Emission Monitoring System (CEMS) for hydrogen sulfide (H₂S) in the fuel gas burned.
7. The CEMS shall meet the requirements of 40 CFR 60, Appendix B or of Article 12 of Regulation I, whichever is more stringent.
8. US Oil & Refining shall submit the make and model of this heater (H-901) at least 30 days before the start of construction.



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. 12593

Notice of
Construction No. 4197

Da DEC 4 1991

One Transportable Sludge Dewatering System with a Durco QP12000H96 Filter Press, a thermal auger, a condenser, and two Vent Scrub VSC 55 Carbon Adsorbers at 300 cfm.

MARK D. HAMILTON

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PACIFIC INDUSTRIAL SERVICE CORPORATION
925 W ESTHER ST
LONG BEACH CA 90813

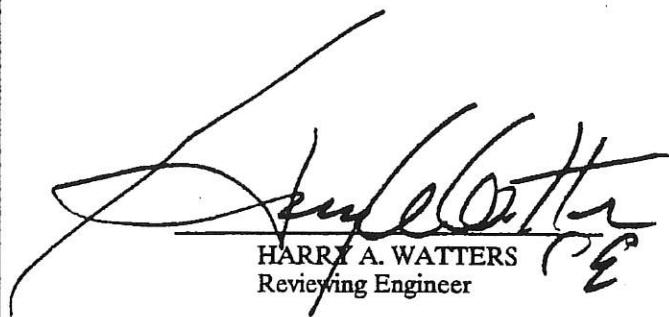
O
W
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R
U S OIL & REFINING CO
PO BOX 2255
TACOMA
WA 98401-2255

INSTALLATION ADDRESS

U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

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


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. 12593

Notice of
Construction No. 4475

Date MAY 07 1992

Modification to existing overhead gas handling system with pressure controls installed on the C-1 and C-7 tower overheads.

DAN RILEY

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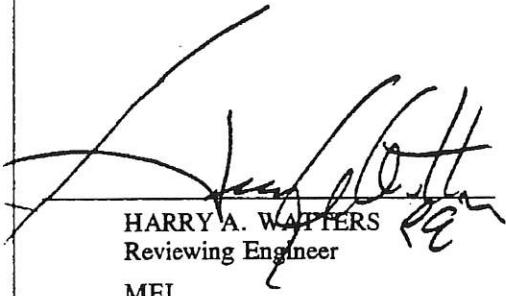
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INSTALLATION ADDRESS

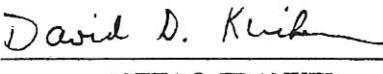
U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

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


FREDRICK L. AUSTIN P.E.
Reviewing Engineer


DAVID D. KRICH
ANITA J. FRANKEL
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

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

One John Zink ZTOF/TC Vapor Combustion Unit (H-1501) to replace the existing lean oil Vapor Recovery Unit.

Registration No. 12593

Notice of
Construction No. 4841

Date JAN 27 1998

BRENT BRIGHAM

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INSTALLATION ADDRESS

U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

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. U. S. Oil shall operate the combustor with the temperature controller set to maintain 1200 degrees F during normal operations.
4. This Order of Approval No. 4841, issued to amend temperature control setting from 1400 degrees F to 1200 degrees F, hereby supersedes and cancels Order of Approval No. 4841 dated Aug. 17, 1993.

Gerald S. Pade *Jay M. Willenberg* *David O. Kuehn*
GERALD S. PADE JAY M. WILLEMBERG David O. Kuehn
Reviewing Engineer Reviewing Engineer Air Pollution Control Officer
MEJ *for* DENNIS J. McLERRAN

Puget Sound Air Pollution Control Agency

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

Registration No. 12593

Notice of
Construction No. 4841

Date AUG 17 1993

Replacement of existing Vapor Recovery Unit for gasoline loading terminals with a ZTOF/TC Vapor Combustion Unit at
28.3 MMBtu/hr.

DAN RILEY

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INSTALLATION ADDRESS

U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

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. U. S. Oil shall submit a source test plan for Agency approval by January 1, 1994.
5. U. S. Oil shall conduct a source test within 60 days of initial startup.
6. U. S. Oil shall submit a source test report within 60 days of the test date.
7. U. S. Oil shall operate the combustor with the temperature controller set to maintain 1400 degrees F during normal operations.

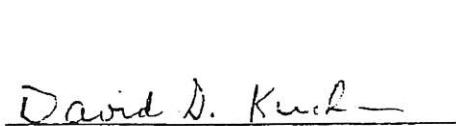


GERALD S. PADE
Reviewing Engineer

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. 12593

Notice of
Construction No. 5429

Date, DEC 22 1994

Boiler #B-4 at 99 MMBtu/hr (supersedes NC No. 2573).

DAN RILEY

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INSTALLATION ADDRESS

U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

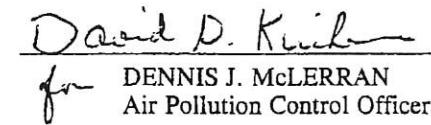
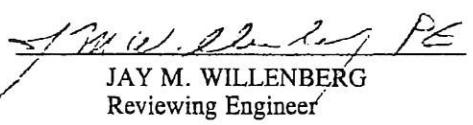
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the 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. B-4 is subject to 40 CFR 60, Subpart J.
5. The amount of oil burned in B-4 shall not exceed 2,200,000 gallons during any 12-month period. U.S. Oil shall keep a log of the amount of oil burned in B-4 each month and for the previous 12 months.
6. The emissions of NOx from B-4 shall not exceed 0.30 lb/MMBtu when fired on oil and 0.1 lb/MMBtu when fired on gas as measured by EPA Method 7.
7. PM10 emissions from B-4 shall not exceed 0.010 gr/dscf (@ 7% 02) when fired on gas as measured by EPA Method 5 (as approved by the PSAPCA Board) or EPA Method 201A/202.
8. The emissions from B-4 shall not exceed 5% opacity for a period or periods aggregating more than 3 minutes in any 1 hour when fired solely on gas.
9. Boilers B-1, 2 and 3 shall be permanently removed from service.



GERALD S. PADE
Reviewing Engineer

MEJ

JAY M. WILLEMBERG
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. 12593

Notice of
Construction No. 5430

Date DEC 22 1994

Boiler #B-5 at 80 MMBtu/hr (supersedes NC No. 2573).

DAN RILEY

A U S OIL & REFINING CO
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INSTALLATION ADDRESS

U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

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. B-5 is subject to 40 CFR 60, Subpart J.
5. B-5 shall not be fired on oil.
6. The emissions of NOx from B-5 shall not exceed 0.1 lb/MMBtu/hr as measured by EPA Method 7.
7. PM10 emissions from B-5 shall not exceed 0.010 gr/dscf (@ 7% 02) as measured by EPA Method 5 (as approved by the PSAPCA Board) or EPA Method 201A/202.
8. The emissions from B-5 shall not exceed 5% opacity for a period or periods aggregating more than 3 minutes in any 1 hour.
9. Heater H-9 shall be permanently removed from service.

Gerald S. Pade
GERALD S. PADE
Reviewing Engineer

MEJ

Jay M. Willenberg
JAY M. WILLEMBERG
Reviewing Engineer

David D. Kinder
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. 12593

Notice of
Construction No. 5431

Date DEC 22 1994

Heater #H-11 at 81 MMBtu/hr (supersedes NC No. 2573).

DAN RILEY

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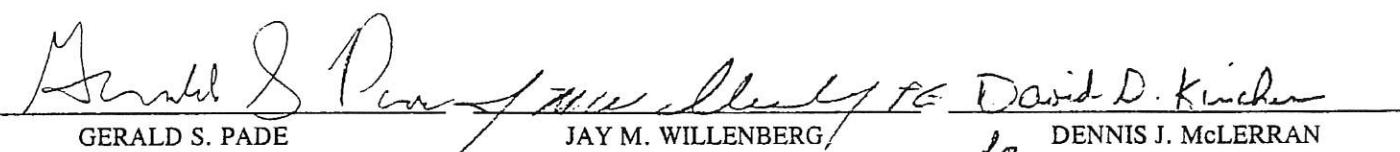
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INSTALLATION ADDRESS

U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

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. H-11 is subject to 40 CFR 60, Subpart J.
5. The amount of oil burned in H-11 shall not exceed 2,285,000 gallons during any 12-month period. U.S. Oil shall keep a log of the amount of oil burned in H-11 for each month and the previous 12 months.
6. The emissions of NOx from H-11 shall not exceed 0.30 lb/MMBtu when fired on oil and 0.1 lb/MMBtu when fired on gas, as measured by EPA Method 7.
7. PM10 emissions from H-11 shall not exceed 0.010 gr/dscf (@ 7% O₂) when fired on gas, as measured by EPA Method 5 (as approved by the PSAPCA Board) or EPA Method 201A/202.
8. The emissions from H-11 shall not exceed 5% opacity for a period or periods aggregating more than 3 minutes in any 1 hour when fired solely on gas.
9. Heaters H-1 and H-10 shall be permanently removed from service.


GERALD S. PADE for DENNIS J. McLERRAN
Reviewing Engineer Air Pollution Control Officer
JAY M. WILLEMBERG
Reviewing Engineer
MEJ

Puget Sound Air Pollution Control Agency

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

Registration No. 12593

Notice of
Construction No. 5432

Date DEC 22 1994

Heater #H-201 at 38 MMBtu/hr (supersedes NC No. 2573).

DAN RILEY

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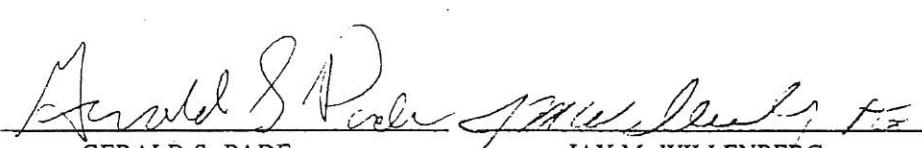
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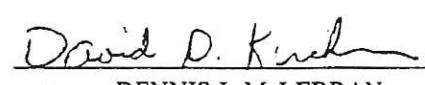
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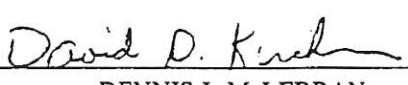
U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

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. H-201 is subject to 40 CFR 60, Subpart J.
5. The amount of oil burned in H-201 shall not exceed 1,435,000 gallons during any 12-month period. U.S. Oil shall keep a log of the amount of oil burned in H-201 for each month and the previous 12 months.
6. The amount of oil burned in heater H-3 shall not exceed 880,000 gallons during any 12-month period. U.S. Oil shall keep a log of the amount of oil burned in heater H-3 for each month and the previous 12 months.
7. The emissions of NOx from H-201 shall not exceed 0.30 lb/MMBtu when fired on oil and 0.1 lb/MMBtu when fired on gas, as measured by EPA Method 7.
8. PM10 emissions from H-201 shall not exceed 0.010 gr/dscf (@ 7% O₂) when fired on gas, as measured by EPA Method 5 (as approved by the PSAPCA Board) or EPA Method 201A/202.
9. The emissions from H-201 shall not exceed 5% opacity for a period or periods aggregating more than 3 minutes in any 1 hour when fired solely on gas.
10. Heater H-2 shall be permanently removed from service.


GERALD S. PADE
Reviewing Engineer
MEJ


JAY M. WILLEMBERG
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. 12593

Notice of
Construction No. 5433

Date APR 10 1995

Claus Sulfur Recovery Unit rated at 10 ton/day, including a Tail Gas Treatment Unit and Incinerator.

DAN RILEY

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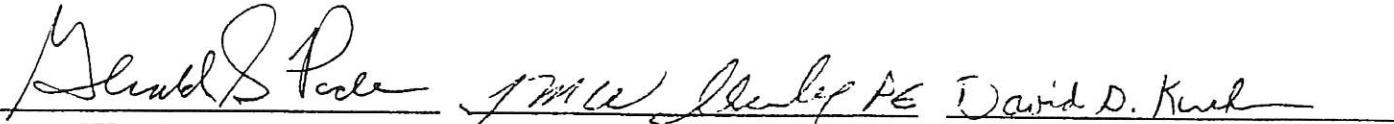
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INSTALLATION ADDRESS

U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

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. U S Oil shall monitor SO₂ and O₂ emissions from the tail gas incinerator in accordance with the requirements of Article 12 of Regulation I at all times when the tail gas treatment unit is in operation.
5. U S Oil shall operate the tail gas treatment unit at all times when the Claus unit is in operation except for periods of startup and shutdown, which shall not exceed 36 hours in duration, and "unavoidable" periods as defined by WAC 173-400-107.
6. Emissions of SO₂ from the tail gas incinerator shall not exceed 250 ppm (dry, @ 0% O₂) on a 12-hour rolling average at all times when the tail gas treatment unit is in operation, and shall not exceed 1000 ppm (dry, @ 7% O₂) on a 1-hour average at any time.
7. SO₂ emissions in excess of 1000 ppm during startup and shutdown are unavoidable provided US Oil follows WAC 173-400-107.
8. This Order of Approval No. 5433 hereby supersedes and cancels Order of Approval No. 2573 dated Feb 6, 1985.
9. This Order of Approval No. 5433 issued to amend Condition No. 7 hereby cancels and supersedes Order of Approval No. 5433 dated Mar 31, 1995.


GERALD S. PADE JAY M. WILLEMBERG DENNIS J. McLERRAN
Reviewing Engineer Reviewing Engineer Air Pollution Control Officer
MEJ *for*

Puget Sound Air Pollution Control Agency

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

Registration No. 12593

Notice of
Construction No. 5433

Date MAR 31 1995

Claus Sulfur Recovery Unit rated at 10 ton/day, including a Tail Gas Treatment Unit and Incinerator.

DAN RILEY

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INSTALLATION ADDRESS

U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

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. U S Oil shall monitor SO₂ and O₂ emissions from the tail gas incinerator in accordance with the requirements of Article 12 of Regulation I at all times when the tail gas treatment unit is in operation.
5. U S Oil shall operate the tail gas treatment unit at all times when the Claus unit is in operation except for periods of startup and shutdown, which shall not exceed 36 hours in duration, and "unavoidable" periods as defined by WAC 173-400-107.
6. Emissions of SO₂ from the tail gas incinerator shall not exceed 250 ppm (dry, @ 0% O₂) on a 12-hour rolling average at all times when the tail gas treatment unit is in operation, and shall not exceed 1000 ppm (dry, @ 7% O₂) on a 1-hour average at any time.
7. SO₂ emissions in excess of 1000 ppm during startup are unavoidable provided US Oil follows WAC 173-400-107.
8. This Order of Approval No. 5433 hereby supersedes and cancels Order of Approval No. 2573 dated Feb 6, 1985.

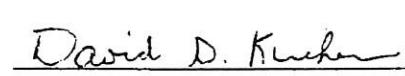


GERALD S. PADE
Reviewing Engineer

MEJ



JAY M. WILLEMBERG
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

Heater at 84.8 MMBtu/hr (H-11 replacement) (supersedes NC No. 5431).

Registration No. 12593

Notice of
Construction No. 5448

Date DEC 22 1994

DANIEL T RILEY

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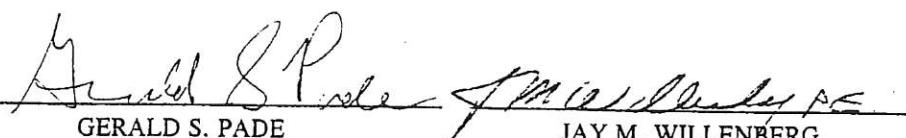
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INSTALLATION ADDRESS

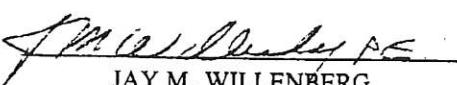
U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

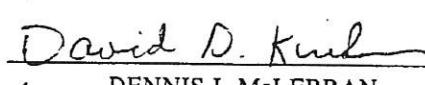
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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3. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
4. H-11 is subject to 40 CFR 60, Subpart J.
5. The amount of oil burned in H-11 shall not exceed 1,480,000 gallons during any 12-month period. U.S. Oil shall keep a monthly log of the amount of oil burned in H-11 for each month and the previous 12 months.
6. The emissions of NOx from H-11 shall not exceed 0.30 lb/MMBtu when fired on oil and 0.10 lb/MMBtu when fired on gas, as measured by EPA Method 7.
7. PM10 emissions from H-11 shall not exceed 0.010 gr/dscf (@ 7% O₂) when fired on gas, as measured by EPA Method 5 (as approved by the PSAPCA Board) or EPA Method 201A/202.
8. The emissions from H-11 shall not exceed 5% opacity for a period or periods aggregating more than 3 minutes in any 1 hour when fired solely on gas.
9. A performance test for NOx shall be conducted within 60 days of start-up of H-11.
10. Within 90 days of start-up of the new H-11, heater H-8 and the existing H-11 (NC No. 5431) shall be permanently removed from service.


GERALD S. PADE
Reviewing Engineer

MEJ


JAY M. WILLEMBERG
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. 12593

Notice of
Construction No. 5712

Date DEC 22 1994

Limit PM10 emissions.

DAN RILEY

A U S OIL & REFINING CO
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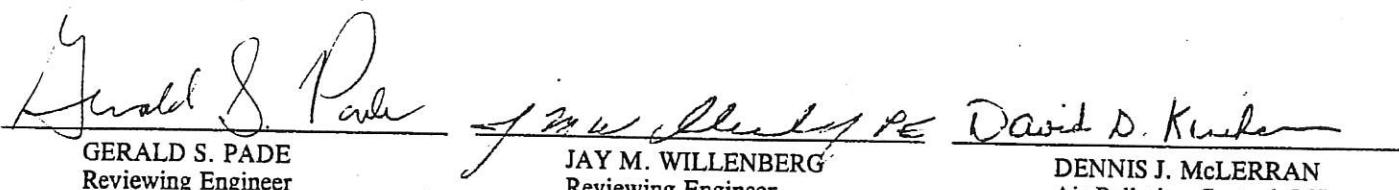
O U S OIL & REFINING CO
W
N PO BOX 2255
E
R TACOMA WA 98401-2255

INSTALLATION ADDRESS

U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

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. PM10 emissions from heaters H-5, H-6, H-580, H-801, H-1100, and H-1501 shall not exceed 0.010 gr/dscf at 7% O₂, as measured by EPA Method 5 (as approved by the PSAPCA Board) or EPA Method 201A/202.


GERALD S. PADE for Jay M. Willenberg David D. Kinder
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

Two 14,000 bbl each External Floating Roof Tanks (#14001 and #14002) for storage of gasoline and gasoline blend stocks, connected to existing vapor recovery system. (Replaces existing Cone Roof Tanks #10005 and #10007 which are fixed roof tanks connected to their vapor combustor).

DAN RILEY

A U S OIL & REFINING CO
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WA 98401-2255

O U S OIL & REFINING CO
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R TACOMA
WA 98401-2255

INSTALLATION ADDRESS

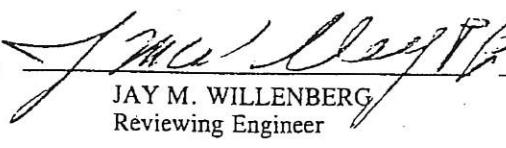
U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

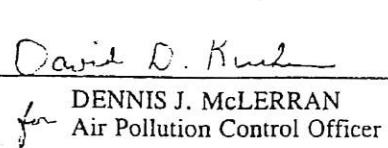
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the 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. Storage tanks 14001 and 14002 shall meet the emission standards in 40 CFR Part 60, Subpart Kb, Section 60.112b(a)(2).
5. Storage tanks 14001 and 14002 shall be painted white.
6. Storage tanks 14001 and 14002 shall be equipped with guide poles that have both gasketed covers and pole wipers.
7. Storage tanks 14001 and 14002 shall be equipped with automatic gauge float wells that have gasketed, bolted covers.



GERALD S. PADE
Reviewing Engineer
MEJ



JAY M. WILLEMBERG
Reviewing Engineer



DENNIS J. McLERRAN
for Air Pollution Control Officer

Puget Sound Clean Air Agency



Notice of
Construction No. 6827

Registration No. 12593

Date OCT 31 2000

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

One Asphalt Mist Eliminator rated at 280 acfm.

APPLICANT

Ty Gaub
U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

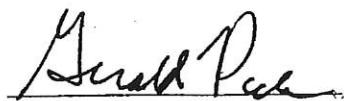
U S Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

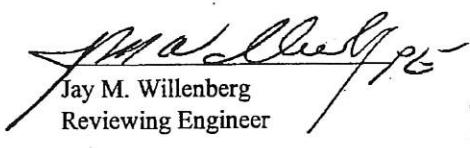
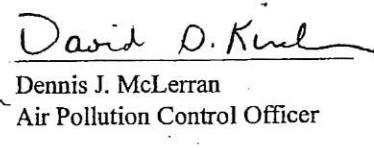
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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. This Order of Approval No. 6827, issued to remove condition pertaining to pressure drop, hereby supersedes and cancels Order of Approval No. 6827 dated January 10, 1997.

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.


Gerald Pade
Reviewing Engineer
mej

 for 
Jay M. Willenberg
Reviewing Engineer
for Dennis J. McLellan
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

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

Registration No. 12593

Notice of
Construction No. 6827

Date JAN 10 1997

One Asphalt Mist Eliminator rated at 280 acfm.

DAN RILEY

A U S OIL & REFINING CO
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WA 98401-2255

O U S OIL & REFINING CO
W
N PO BOX 2255
E
R TACOMA
WA 98401-2255

INSTALLATION ADDRESS

U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

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. The filter element will be changed when the pressure drop across the filter exceeds 10 inches water gauge.

Gerald S. Pade
GERALD S. PADE
Reviewing Engineer

MEJ

Jay M. Willenberg PE
JAY M. WILLENBERG
Reviewing Engineer

David D. Kunkel
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

Reconstruct one 10,000 bbl Fixed Roof Storage Tank (#10006).

Registration No. 12593

Notice of
Construction No. 7020

Date FEB 25 1998

TY GAUB

A U S OIL & REFINING CO
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O U S OIL & REFINING CO
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E
R TACOMA
WA 98401-2255

INSTALLATION ADDRESS

U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

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. Tank 10006 is subject to 40 CFR Part 60, Subpart Kb.

Gerald S. Pade
GERALD S. PADE
Reviewing Engineer

MEJ

Jay M. Willenberg PE
JAY M. WILLEMBERG
Reviewing Engineer

David D. Kueh
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

Reconstruct one 10,000 bbl Fixed Roof Storage Tank (#10003).

Registration No. 12593

Notice of
Construction No. 7021

Date FEB 25 1993

TY GAUB

A U S OIL & REFINING CO
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O U S OIL & REFINING CO
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N PO BOX 2255
E
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WA 98401-2255

INSTALLATION ADDRESS

U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

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. Tank 10003 is subject to 40 CFR Part 60, Subpart Kb.

Gerald S. Pade *Jay M. Willenberg, PE* *David D. Kuehne*
GERALD S. PADE JAY M. WILLEMBERG DAVID D. KUEHNE
Reviewing Engineer Reviewing Engineer Air Pollution Control Officer
MEJ *for* DENNIS J. McLERRAN
DENNIS J. McLERRAN

Puget Sound Air Pollution Control Agency

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

Reconstruct one 10,000 bbl Fixed Roof Storage Tank (#10004).

Registration No. 12593

Notice of
Construction No. 7041

Date FEB 26 1998

TY GAUB

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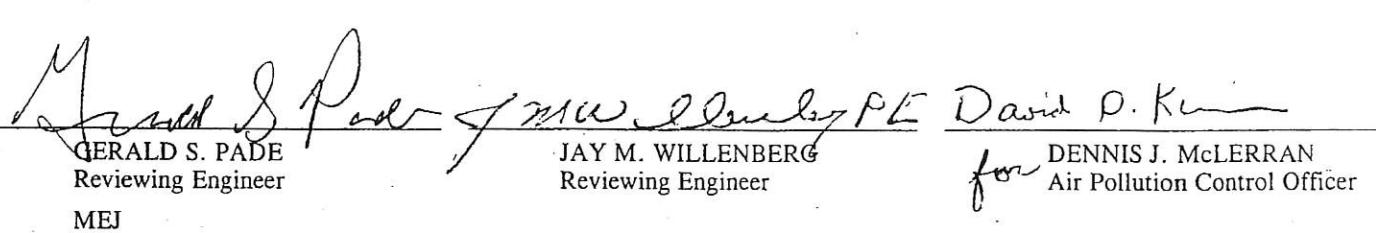
O U S OIL & REFINING CO
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N PO BOX 2255
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R TACOMA
WA 98401-2255

INSTALLATION ADDRESS

U S OIL & REFINING CO, 3001 MARSHALL AVE, TACOMA, WA, 98421

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. Tank 10004 is subject to 40 CFR Part 60, Subpart Kb.


GERALD S. PADE Jay M. Willenberg PE DENNIS J. McLERRAN
Reviewing Engineer Reviewing Engineer for Air Pollution Control Officer
MEJ

Puget Sound Clean Air Agency



Notice of
Construction No. 7761

Registration No. 12593

Date OCT 31 2000

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

Two CECO Asphalt Mist Eliminators rated at 75 acfm each to remove asphalt fumes generated and vented from 40 CFR Part 60, Subpart UU Tanks #5001, #5002, #6001 and #6002.

APPLICANT

Ty Gaub
U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

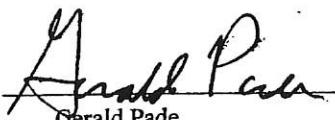
U S Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

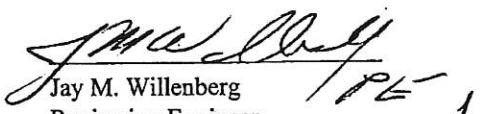
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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. This Order of Approval No. 7761, issued to remove condition pertaining to pressure drop, hereby supersedes and cancels Order of Approval No. 7761 dated April 1, 1999.

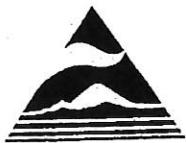
APPEAL RIGHTS

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.


Gerald Pade
Reviewing Engineer
mej


Jay M. Willenberg
Reviewing Engineer
f


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. 7761

Registration No. 12593

Date APR 1 1999

Two CECO Asphalt Mist Eliminators rated at 75 acfm each to remove asphalt fumes generated and vented from 40 CFR Part 60, Subpart UU Tanks #5001, #5002, #6001 and #6002.

APPLICANT

Ty Gaub
U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

U S Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

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. The demisters shall be equipped with a gauge to measure the pressure drop across the filter. The filters shall be changed when the pressure drop exceeds 10 inches water gauge.

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.

Gerald Pade
Reviewing Engineer
mej

for

Jay M. Willenberg, PE
Reviewing Engineer

for Dennis J. McLellan
Air Pollution Control Officer



Puget Sound Clean Air Agency

Notice of
Construction No. 8271

Registration No. 12098

Date SEP 12 2000

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

One Air Filtration Co Inc Model ARA 2712 Dry Filter System Spray Coating Booth rated at 14,000 cfm.

APPLICANT

Don Charbonneau
Pride Custom Art
3525 SE 5th St
Renton, WA 98058

OWNER

Pride Custom Art
3525 SE 5th St
Renton, WA 98058

INSTALLATION ADDRESS

Pride Custom Art, 12561 SE Green Valley Rd, Auburn, WA, 98092

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. Pride Custom Art shall install and maintain a gauge to measure the pressure drop across the exhaust filters of the spray coating booth. Within 90 days after beginning operations, Pride Custom Art 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. The 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. Pride Custom Art 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, Pride Custom Art shall take corrective action prior to resuming any spray coating activity.
6. Pride Custom Art shall use best management practices in its 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.
7. High volume low pressure or air assisted airless equipment shall be used for all spray coating operations.
8. 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.

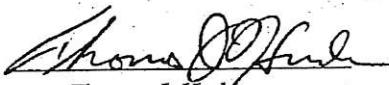
APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be

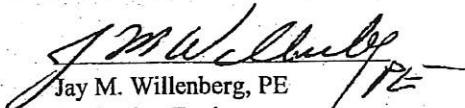
Order of Approval for NC No. 8271

SEP 12 2000

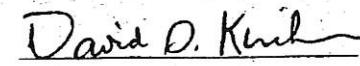
appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.



Thomas J. Hudson
Reviewing Engineer
mej

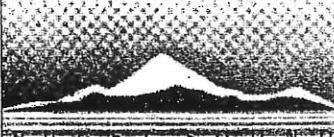


Jay M. Willenberg, PE
Reviewing Engineer



Dennis J. McLerran
Air Pollution Control Officer

Puget Sound Clean Air Agency



Clean Air Agency

Notice of
Construction No. 8323

Registration No. 12593

Date **NOV 14 2000**

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

One 45,000 bbl Fixed Roof Diesel Storage Tank (#45001) replacing an existing 35,000 bbl fixed roof diesel storage tank (#35001).

APPLICANT

Ty Gaub
U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

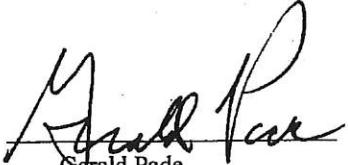
U S Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

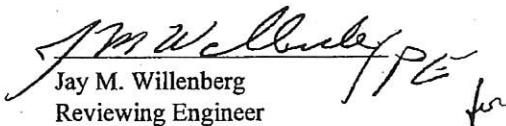
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering 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. This tank is subject to 40 CFR Part 60, Subpart Kb.

APPEAL RIGHTS

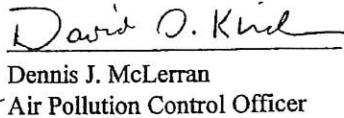
Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.



Gerald Pade
Reviewing Engineer
mej



Jay M. Willenberg
Reviewing Engineer



for
Dennis J. McLellan
Air Pollution Control Officer



Puget Sound Clean Air Agency

Notice of
Construction No. 8514

Registration No. 12593

Date JUN 15 2001

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

Three recovered oil storage tanks including one new 465 bbl Fixed Roof Tank (TK-471), one new 2000 bbl Internal Floating Roof Tank (TK-2004), and one reconstructed 1800 bbl Fixed Roof Tank (TK-1806).

APPLICANT

Ty Gaub
U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

U S Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

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. Tank TK-471 is subject to 40 CFR Part 60, Subpart QQQ.
4. Tanks TK-1806 and TK-2004 are subject to 40 CFR Part 60, Subpart Kb.

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.

Gerald Pade
Reviewing Engineer
mej

Steven Van Slyke
Reviewing Engineer

Dennis J. McLellan
Air Pollution Control Officer



Puget Sound Clean Air Agency

Notice of
Construction No. 8691

Registration No. 12593

Date MAY 16 2002

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

Replacement of a 4,500 gallon fixed roof tank (TK-102) used for storage of 35% strength hydrochloric acid.

APPLICANT

Jon Shields
U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

U S Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

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. US Oil shall submit a test plan for Agency approval and perform testing of the emissions during initial fill of the new tank.

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.

Gerald Pade
Reviewing Engineer
ns

Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 8692

Registration No. 12593

Date JUN 05 2002

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

One 465 bbl storage tank (TK-472) for slop oil processing.

APPLICANT

Ty Gaub
U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

U S Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

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. Tank TK-472 is subject to 40 CFR Part 60, Subpart QQQ.

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.

Gerald Pade
Reviewing Engineer
ns

Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 8720

Registration No. 12593

Date AUG 28 2002

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

Reconstruct one 10,000 bbl Fixed Roof Storage Tank (#10008).

APPLICANT

Ty Gaub
U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

U S Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

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. Tank TK-10008 is subject to 40 CFR Part 60, Subparts Kb and A.

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.

Gerald Pade
Reviewing Engineer
ns

Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 9007

Registration No. 12593

Date

JUN 04 2004

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

Two fixed roof Storage Tanks rated at 1800 bbl for storage of isomerate and recovered oil (TK-1804 and TK-1807).

APPLICANT

Ty Gaub
U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

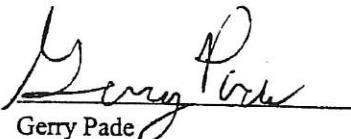
U S Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

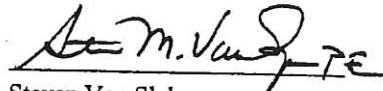
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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. Tanks TK-1804 and TK-1807 are subject to 40 CFR Part 60, Subparts Kb and A.
4. Emissions from these tanks shall be controlled with at least 98% efficiency.

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.


Gerry Pade
Reviewing Engineer
ns


Steven Van Slyke
Supervising Engineer

Puget Sound Clean Air Agency



Notice of
Construction No. 9021

Registration No. 12593

Date

JUN 04 2004

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

One gasoline Storage Tank rated at 30000 bbl (TK-30006).

APPLICANT

Ty Gaub
U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

U S Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

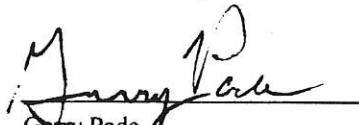
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

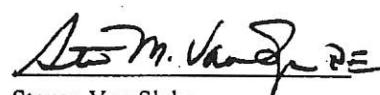
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering 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.

This tank is subject to 40 CFR Part 63, Subparts CC and A.

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.


Gerry Pade
Reviewing Engineer
ns


Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 9023

Registration No. 12593

Date

JUN 04 2004

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

New individual drain system (water draw system) for tanks 80001, 80002, 80003 and 80004.

APPLICANT

Ty Gaub
U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

U S Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

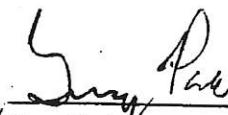
U S Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

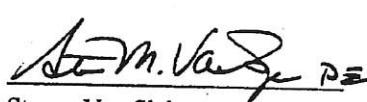
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering 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. This individual drain system and the aggregate facility which it modifies are subject to 40 CFR Part 60, Subparts QQQ and A.

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.



Gerry Pade
Reviewing Engineer
ns



Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 9153

Registration No. 12593

Date
MAR 24 2005

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

Addition of Heater H-3 derated to 21.9 MMBtu/hr to light crude unit.

APPLICANT

Ty Gaub
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

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. Emissions of NOx from H-3 shall not exceed 85 ppm @ 3% O₂ (0.100 lb/MMBtu), 1-hour average, as determined by EPA Method 7E.
4. Emissions of CO from H-3 shall not exceed 70 ppm @ 3% O₂ (0.050 lb/MMBtu), 1-hour average, as determined by EPA Method 10.
5. The opacity of emissions from H-3 shall not exceed 5% for more than 3 minutes in any 1-hour period, as determined by Ecology Method 9A.
6. The concentration of H₂S in the fuel gas burned by H-3 shall not exceed 55 ppmvd on a 12-hour rolling average, as determined by the CEMS.
7. Source tests to determine compliance with conditions 3, 4 and 5 of this Order shall be conducted within 120 days of startup.
8. The total mass of sulfur in the residual oil burned at the refinery shall not exceed 35,263 pounds during any consecutive 12-month period. US Oil shall record the monthly and 12-month rolling total quantity of sulfur in the residual oil burned within 30 days of the end of each month. US Oil shall retain these records for at least 5 years.
9. Heater H-3 is subject to 40 CFR Part 60, Subpart J (and A).

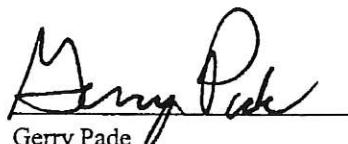
APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be

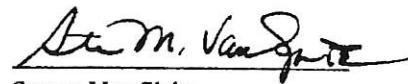
Order of Approval for NC No. 9153

MAR 24 2005

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.



Gerry Pade
Reviewing Engineer
ns



Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 9329

Registration No. 12593

Date
DEC 19 2005

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

Replacement of a 10000 bbl fixed-roof gasoline Storage Tank (TK-10002) controlled by the existing VCU.

APPLICANT

Jon Shields
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

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. Tank TK-10002 is subject to 40 CFR Part 60, Subparts Kb and A.
4. Emissions from tank TK-10002 shall be controlled with at least 98% efficiency.

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.

Gerry Pade
Reviewing Engineer
ns

Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 9343

Registration No. 12593

Date 3/29/2006

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

One refinery Process Heater manufactured by Tulsa Heater Inc. with three John Zink COOLstar burners having a total rated heat input of 13.2 MMBtu/hr.

APPLICANT

Ty Gaub
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

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. Emissions of NOx from H-202 shall not exceed 25 ppmvd @ 3% oxygen on a 1-hour average, as determined by EPA Methods 7E and 3A.
4. Emissions of CO from H-202 shall not exceed 50 ppmvd @ 3% oxygen on a 1-hour average, as determined by EPA Methods 10 and 3A.
5. The opacity of emissions from H-202 shall not exceed 0% for more than 3 minutes in any 1-hour period, as determined by Ecology Method 9A.
6. The concentration of H2S in the fuel gas burned by H-202 shall not exceed 55 ppmvd on a 12-hour rolling average, as determined by the CEMS.
7. Source tests to determine compliance with conditions 3, 4 and 5 of this Order shall be conducted within 120 days of startup.
8. Heater H-202 is subject to 40 CFR Part 60, Subpart J (and A).

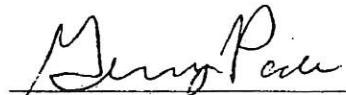
APPEAL RIGHTS

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

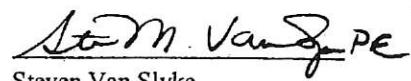
Order of Approval for NC No. 9343

receives this Order.

MAR 29 2006



Gerry Pade
Reviewing Engineer
ns



Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 9580

Registration No. 12593

Date 3/16/2007

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

Three crude oil Storage Tanks rated at 80,000 bbl (TK-80020, TK-80021, TK-80022) and two crude oil Storage Tanks rated at 300,000 bbl (TK-300001, TK-300002).

APPLICANT

Jon Shields
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

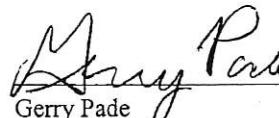
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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 tanks are subject to 40 CFR Part 60, Subpart Kb. Their water draw systems are subject to 40 CFR Part 60, Subpart QQQ.
4. Each cover on access hatches and gauge float wells shall be designed to be bolted or fastened when closed.
5. Each opening for a slotted guidepole shall be equipped with a pole wiper and either a pole float or a pole sleeve. The wiper or seal of the pole float (if used) shall be at or above the height of the pole wiper.
6. Each junction box shall be equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.

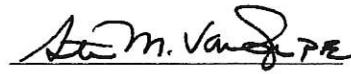
APPEAL RIGHTS

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. 9580



Gerry Pade
Reviewing Engineer
ns



Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 9679

Registration No. 12593

Date

AUG 31 2007

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

Replacement of a 20000 bbl fixed-roof reformatte Storage Tank (TK-20002) controlled by the existing VCU.

APPLICANT

George Hills
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

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. Tank TK-20002 is subject to 40 CFR Part 60, Subparts Kb and A.
4. Emissions from tank TK-20002 shall be controlled with at least 98% efficiency.

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.

Gerry Pade
Reviewing Engineer
ns

Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 9755

Registration No. 12593

Date

FEB 29 2008

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

One 10000 bbl Internal Floating Roof Storage Tank (TK-10010) for denatured ethanol with a waterdraw system.

APPLICANT

Ty Gaub
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

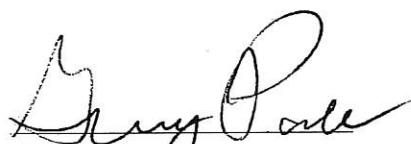
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering 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. Tank TK-10010 is subject to 40 CFR Part 60, Subparts Kb and A.
4. The slotted guidepole shall be equipped with a pole float with either a pole sleeve or a pole wiper. If a pole sleeve isn't employed, the seal of the pole float shall be higher than the pole wiper. The top of the guidepole shall be equipped with a gasketed cap which shall be closed at all times except when gauging or taking liquid samples.
5. The adjustable roof legs shall be fitted with vapor seal boots or equivalent.
6. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal.
7. The entire circumference of each primary and secondary seal shall be inspected for compliance with the requirements of Section 3.02 of Regulation II during hydrotesting of the tank. The time between inspections shall not exceed 10 years. If a new primary or secondary seal is installed, or if a primary or secondary seal is repaired, both seals shall be inspected at the time of the seal installation or repair. Flexible wiper seals shall be inspected when the outer edge of the seal is curved upward.
8. The concentration of organic vapor in the vapor space above the internal floating-type cover shall not exceed 30% of its lower explosive limit (LEL).
9. The waterdraw system for tank TK-10010 is subject to 40 CFR Part 60, Subparts QQQ and A.
10. Each junction box in the waterdraw system shall be equipped with a system to prevent the flow of organic vapors from the vent pipe to the atmosphere during normal operation.

Order of Approval for NC No. 9755

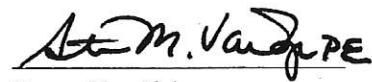
FEB 29 2008

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.



Gerry Pade
Reviewing Engineer
ns



Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 9836

Registration No. 12593

Date MAY 23 2008

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

Asphalt railcar loading rack with one loading arm controlled by an MECS Model AVP-1500 demister.

APPLICANT

Martin Katzberg
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

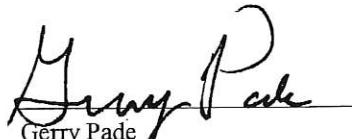
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering 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. Emissions from the demister shall not exceed 0% opacity as determined by EPA Method 9, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing.
4. The demister shall be equipped with gauges to monitor the inlet air temperature and the pressure drop across the primary filter element. The acceptable pressure drop range shall be included in the O&M plan and posted on or near the gauge
5. The demister shall be inspected monthly during railcar filling operations. If visible emissions are observed, the inlet temperature exceeds 120 degrees F or the pressure drop is not within the acceptable range, US Oil shall within 24 hours either: take corrective action until there are no visible emissions, verify compliance using EPA Method 9, or shut down the railcar loading rack until the problem is repaired.
6. Records shall be kept documenting the results of each inspection, maintenance and corrective action. Each record shall also include the date and time, a brief description, and the name of the person who conducted the activity.

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.

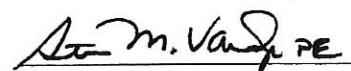
Order of Approval for NC No. 9836

MAY 23 2008



Gerry Pade
Reviewing Engineer

ns



Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 9932

Registration No. 12593

Date JAN 26 2009

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

Modification of north heat exchanger cleaning pad.

APPLICANT

Matt Landstrom
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

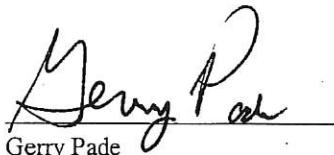
US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

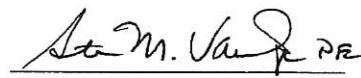
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering 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 north heat exchanger cleaning pad and junction box are subject to 40 CFR Part 60, Subparts QQQ and A.
4. The junction box shall be equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.

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.



Gerry Pade
Reviewing Engineer
ns



Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 10029

Registration No. 12593

Date
APR 28 2009

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

Install an internal floating roof on tank TK-5003 for the purpose of storing denatured ethanol.

APPLICANT

Martin Katzberg
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

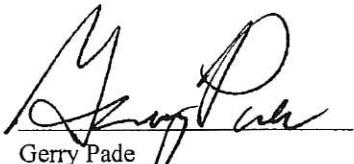
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering 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. Tank TK-5003 is subject to 40 CFR Part 60, Subparts Kb and A.
4. The slotted guidepole shall be equipped with a pole float with either a pole sleeve or a pole wiper. If a pole sleeve isn't employed, the seal of the pole float shall be higher than the pole wiper. The top of the guidepole shall be equipped with a gasketed cap which shall be closed at all times except when gauging or taking liquid samples.
5. The adjustable roof legs shall be fitted with vapor seal boots or equivalent.
6. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal.
7. The entire circumference of each primary and secondary seal shall be inspected for compliance with the requirements of Section 3.02 of Regulation II during hydrotesting of the tank. The time between inspections shall not exceed 10 years. If a new primary or secondary seal is installed, or if a primary or secondary seal is repaired, both seals shall be inspected at the time of the seal installation or repair. Flexible wiper seals shall be inspected when the outer edge of the seal is curved upward.
8. The concentration of organic vapor in the vapor space above the internal floating-type cover shall not exceed 30% of its lower explosive limit (LEL).
9. The waterdraw system for tank TK-5003 is subject to 40 CFR Part 60, Subparts QQQ and A.
10. Each junction box in the waterdraw system shall be equipped with a system to prevent the flow of organic vapors from the vent pipe to the atmosphere during normal operation.

Order of Approval for NC No. 10029

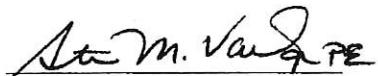
APR 28 2009

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.



Gerry Pade
Reviewing Engineer
ns



Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 10053

Registration No. 12593

Date

JUL 08 2009

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

Asphalt railcar loading rack with one loading arm controlled by an MECS Model AVP-1500 demister.

APPLICANT

Ty Gaub
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

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. Emissions from the demister shall not exceed 0% opacity as determined by EPA Method 9, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing.
4. The demister shall be equipped with gauges to monitor the inlet air temperature and the pressure drop across the primary filter element. The acceptable pressure drop range shall be included in the O&M plan and posted on or near the gauge
5. The demister shall be inspected monthly during railcar filling operations. If visible emissions are observed, the inlet temperature exceeds 120 degrees F or the pressure drop is not within the acceptable range, US Oil shall within 24 hours either: take corrective action until there are no visible emissions, verify compliance using EPA Method 9, or shut down the railcar loading rack until the problem is repaired.
6. Records shall be kept documenting the results of each inspection, maintenance and corrective action. Each record shall also include the date and time, a brief description, and the name of the person who conducted the activity.
7. Railcars may be loaded indirectly via asphalt trucks provided that such transloading does not exceed 14580 ton/yr. US Oil shall keep records documenting compliance with this transloading limit on a calendar year basis.
8. This Order of Approval No. 10053, issued to allow limited transloading operations, cancels and supersedes Order of Approval No. 9836 dated 5/23/08.

APPEAL RIGHTS

Order of Approval for NC No. 10053

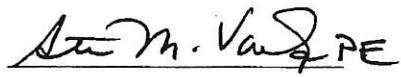
JUL 08 2009

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.



Gerry Pade
Reviewing Engineer

ns



Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 10120

Registration No. 12593

Date

JUL 07 2010

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

Replacement of the process heater (H-901) for the diesel hydrotreater unit (DHU) and modification of the DHU.

APPLICANT

Maggie John
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

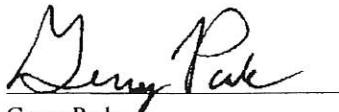
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering 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. Heater H-901 is subject to 40 CFR Part 60, Subpart Ja (and A). The emission standards in Section 60.102a(g) were stayed pending a final decision on three petitions for reconsideration (see 73 FR 78549-78552).
4. The emissions of NOx from H-901 shall not exceed 25 ppmvd @ 3% oxygen on a 1-hour average, as determined by EPA Methods 7E and 3A.
5. The emissions of CO from H-901 shall not exceed 50 ppmvd @ 3% oxygen on a 1-hour average, as determined by EPA Methods 10 and 3A.
6. The opacity of emissions from H-901 shall not exceed 0% for more than 3 minutes in any 1-hour period, as determined by Ecology Method 9A.
7. The concentration of H2S in the fuel gas burned by H-901 shall not exceed 55 ppmvd on a 12-hour rolling average, as determined by the refinery fuel gas CEMS.
8. Source tests to determine compliance with conditions 4 and 5 of this Order shall be conducted within 120 days of startup and at least once every 5 years thereafter.
9. This Order of Approval No. 10120, issued for a replacement of H-901 and expansion of the DHU, hereby cancels and supersedes Order of Approval No. 4177 dated 1/28/98.

APPEAL RIGHTS

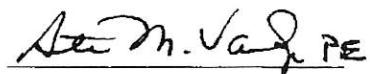
Order of Approval for NC No. 10120

JUL 07 2010

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.



Gerry Pade
Reviewing Engineer
ns



Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 10053

Registration No. 12593

Date

JUL 08 2009

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

Asphalt railcar loading rack with one loading arm controlled by an MECS Model AVP-1500 demister.

APPLICANT

Ty Gaub
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

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. Emissions from the demister shall not exceed 0% opacity as determined by EPA Method 9, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing.
4. The demister shall be equipped with gauges to monitor the inlet air temperature and the pressure drop across the primary filter element. The acceptable pressure drop range shall be included in the O&M plan and posted on or near the gauge
5. The demister shall be inspected monthly during railcar filling operations. If visible emissions are observed, the inlet temperature exceeds 120 degrees F or the pressure drop is not within the acceptable range, US Oil shall within 24 hours either: take corrective action until there are no visible emissions, verify compliance using EPA Method 9, or shut down the railcar loading rack until the problem is repaired.
6. Records shall be kept documenting the results of each inspection, maintenance and corrective action. Each record shall also include the date and time, a brief description, and the name of the person who conducted the activity.
7. Railcars may be loaded indirectly via asphalt trucks provided that such transloading does not exceed 14580 ton/yr. US Oil shall keep records documenting compliance with this transloading limit on a calendar year basis.
8. This Order of Approval No. 10053, issued to allow limited transloading operations, cancels and supersedes Order of Approval No. 9836 dated 5/23/08.

APPEAL RIGHTS

Order of Approval for NC No. 10053

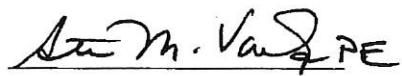
JUL 08 2009

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.



Gerry Pade
Reviewing Engineer

ns



Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 10120

Registration No. 12593

Date

JUL 07 2010

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

Replacement of the process heater (H-901) for the diesel hydrotreater unit (DHU) and modification of the DHU.

APPLICANT

Maggie John
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

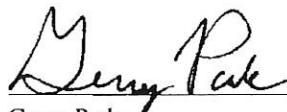
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering 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. Heater H-901 is subject to 40 CFR Part 60, Subpart Ja (and A). The emission standards in Section 60.102a(g) were stayed pending a final decision on three petitions for reconsideration (see 73 FR 78549-78552).
4. The emissions of NOx from H-901 shall not exceed 25 ppmvd @ 3% oxygen on a 1-hour average, as determined by EPA Methods 7E and 3A.
5. The emissions of CO from H-901 shall not exceed 50 ppmvd @ 3% oxygen on a 1-hour average, as determined by EPA Methods 10 and 3A.
6. The opacity of emissions from H-901 shall not exceed 0% for more than 3 minutes in any 1-hour period, as determined by Ecology Method 9A.
7. The concentration of H2S in the fuel gas burned by H-901 shall not exceed 55 ppmvd on a 12-hour rolling average, as determined by the refinery fuel gas CEMS.
8. Source tests to determine compliance with conditions 4 and 5 of this Order shall be conducted within 120 days of startup and at least once every 5 years thereafter.
9. This Order of Approval No. 10120, issued for a replacement of H-901 and expansion of the DHU, hereby cancels and supersedes Order of Approval No. 4177 dated 1/28/98.

APPEAL RIGHTS

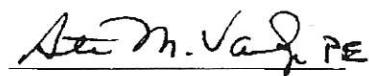
Order of Approval for NC No. 10120

JUL 07 2010

Pursuant to Puget Sound Clean Air Agency's Regulation 1, 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.



Gerry Pade
Reviewing Engineer
ns



Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 10153

Registration No. 12593

Date

MAR 24 2010

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

Modification of a individual drain system in the LCU associated with C-19 project.

APPLICANT

Ty Gaub
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

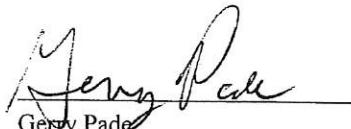
US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

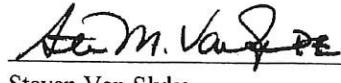
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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 individual drain system for the C-19 process drains is subject to 40 CFR Part 60, Subparts QQQ and A.
4. Each junction box in the individual drain system serving the C-19 process drains shall be equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.

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.


Gerry Pade
Reviewing Engineer
ns


Steven Van Slyke
Supervising Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 10449

Registration No. 12593

Date **APR 12 2012**

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

Refinery fuel gas mixing vessel (V-20) replacement and facilities for offloading crude oil and cutterstock from railcars.

APPLICANT

Ty Gaub
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

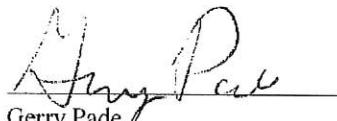
US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

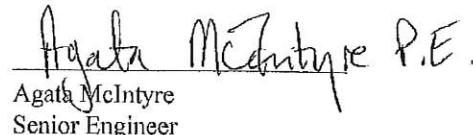
THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

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 new individual drain systems (and existing aggregate facilities) for the railcar unloading facility and the fuel gas mixing drum are affected facilities under 40 CFR Part 60, Subparts QQQ and A.
4. The junction boxes for these individual drain systems shall be equipped with P/V valves to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.
5. No loading of crude oil is being permitted under this Order, only unloading from railcars.
6. The group of all the equipment within a process unit (if any) that includes the railcar offloading facility is an affected facility under 40 CFR Part 60, Subparts GGGa and A. At a minimum, the equipment installed under this Approval shall comply with Subpart GGGa.

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.


Gerry Pade
Reviewing Engineer
ns


Agata McIntyre P.E.
Senior Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 10506

Registration No. 12593

Date **AUG 07 2012**

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

Installation of 60 railcar unloading stations, allowing up to 9,360,000 bbl/yr of Bakken crude (or other opportunity crude from North Dakota and Montana) to be refined instead of ANS crude (received by ship). The project does not affect the overall crude processing capacity of the refinery.

APPLICANT

Jon Shields
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

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 new individual drain system (and existing aggregate facilities) for the railcar unloading facility is an affected facility under 40 CFR Part 60, Subparts QQQ and A.
4. The junction box for this individual drain system shall be equipped with a P/V valve to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.
5. No loading of crude oil is being permitted under this Order, only unloading from railcars.
6. The group of all the equipment within a process unit (if any) that includes the railcar offloading facility is an affected facility under 40 CFR Part 60, Subparts GGGa and A. At a minimum, the equipment installed under this Approval shall comply with Subpart GGGa.

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. 10506

AUG 07 2012

WPS 2000 DUA

Gerry Pade

Gerry Pade
Reviewing Engineer
ns

Agata McIntyre P.E.

Agata McIntyre
Senior Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 10563

Registration No. 12593

Date

DEC 18 2012

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

This amendment to Order of Approval No. 10506 incorporates corrections to the total equipment counts including, but not limited to, three additional crude oil pumps (for tank-to-tank transfers) and a sealed junction box with two oily wastewater pumps (for railcar unloading station drip pads). Order of Approval No. 10506 permitted the installation of 60 railcar unloading stations, allowing up to 9,360,000 bbl/yr of Bakken crude (or other opportunity crude from North Dakota and Montana) to be refined instead of ANS crude (received by ship). The project does not affect the overall crude processing capacity of the refinery.

APPLICANT

Ty Gaub
US Oil & Refining Co
505 Union Ave SE Ste 120
Olympia, WA 98501

OWNER

US Oil & Refining Co
505 Union Ave SE Ste 120
Olympia, WA 98501

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

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 new individual drain system (and existing aggregate facilities) for the railcar unloading facility is an affected facility under 40 CFR Part 60, Subparts QQQ and A.
4. The junction box for this individual drain system shall be equipped with a P/V valve to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.
5. No loading of crude oil is being permitted under this Order, only unloading from railcars.
6. The group of all the equipment within a process unit (if any) that includes the railcar offloading facility is an affected facility under 40 CFR Part 60, Subparts GGGa and A. At a minimum, the equipment installed under this Approval shall comply with Subpart GGGa.
7. This Order of Approval No. 10563, issued to correct the piping equipment counts and associated fugitive emission estimates, hereby cancels and supersedes Order of Approval No. 10506 (dated 8/7/12).

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

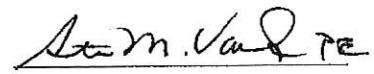
Order of Approval for NC No. 10563

DEC 18 2010

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.



Gerry Pade
Reviewing Engineer
ns



Steven Van Slyke
Compliance Manager



Puget Sound Clean Air Agency

Notice of
Construction No.

10575

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

Registration No. 12593

Date OCT 26 2015

Modification of flares F-1 and F-2.

APPLICANT

Ty Gaub
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

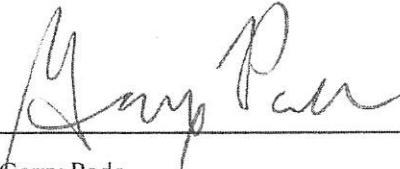
US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA 98421

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. Flares F-1 and F-2 are subject to NSPS Subpart Ja and to NESHAP Subpart CC.

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.



Gerry Pade
Reviewing Engineer



Carole Cenci
Senior Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 10586

Registration No. 12593

Date APR 01 2013

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

Replacement of the 3 Baker tanks with a single internal floating roof tank (TK-1001) rated at 1000 bbl for oily wastewater from tank water draws.

APPLICANT

Ty Gaub
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

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. Tank TK-1001 is subject to 40 CFR Part 60, Subparts Kb and A. The oily wastewater drains are subject to 40 CFR Part 60, Subparts QQQ and A.
4. The slotted guidepole shall be equipped with a pole float with either a pole sleeve or a pole wiper. If a pole sleeve isn't employed, the seal of the pole float shall be higher than the pole wiper. The top of the guidepole shall be equipped with a gasketed cap which shall be closed at all times except when gauging or taking liquid samples.
5. The secondary seal shall extend from the roof to the tank shell and shall not be attached to the primary seal.
6. The entire circumference of each primary and secondary seal on this tank shall be inspected for compliance with the requirements of Section 3.02 of Regulation II during hydrotesting of the tank. The time between inspections shall not exceed 10 years. If a new primary or secondary seal is installed, or if a primary or secondary seal is repaired, both seals shall be inspected at the time of the seal installation or repair. Flexible wiper seals shall be inspected when the outer edge of the seal is curved upward.
7. The concentration of organic vapor in the vapor space above the internal floating roof on this tank shall not exceed 30% of its lower explosive limit (LEL).

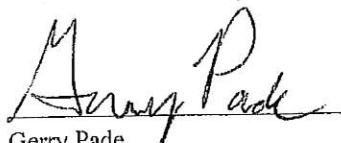
APPEAL RIGHTS

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

Order of Approval for NC No. 10586

APR 10 2013

PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.



Gerry Pade
Reviewing Engineer

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Carole Cenci
Senior Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 10620

Registration No. 12593

Date **DEC 02 2013**

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

Marine loading of crude oil controlled by a John Zink Model ZCM-5/5-10-60-X-4/8-4/8 Marine Vapor Combustion Unit (MVCU) with a Vapor Blower Staging Unit (VBSU) and dock safety unit (DSU). The MVCU will also be used to control emissions from the loading of gasoline and gasoline blendstocks as well as an existing fuel oil tank at the dock (TK-35002).

APPLICANT

Ty Gaub
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

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 Marine Vapor Combustion Unit (MVCU) shall be used for all marine loading of crude oil, gasoline, and gasoline blendstocks. The following conditions shall not apply to the loading of products with a true vapor pressure <1.5 psia.
4. The destruction efficiency of the MVCU shall be at least 99.0%, as determined by the procedures in 40 CFR 63.565(d)(1)-(4) and (6)-(8), except as follows:
 - i) EPA Method 25A may be used to determine the VOC concentration;
 - ii) EPA Method 19 may be used to determine the exhaust flowrate; and
 - iii) All testing shall be performed during the last 50% of loading of a tank or compartment.
5. US Oil shall conduct a performance test for determining compliance with Condition 4 of this Order within 60 days of initial startup of the MVCU.
6. US Oil shall maintain the loading cycle average MVCU combustion chamber temperature at or above the average temperature established during the performance test. US Oil shall continuously monitor and record the MVCU combustion chamber temperature during each loading cycle. The continuous temperature monitoring device shall meet the requirements in 40 CFR 63.564(e)(4).

Order of Approval for NC No. 10620

DEC 02 2013

7. For control of fugitive emissions from the vapor collection system components, US Oil shall comply with the requirements of 40 CFR Part 63, Subpart CC and Section 2.03 of PSCAA Regulation II, except as follows:

- i) The leak threshold for valves shall be 500 ppm;
- ii) Daily calibration drift assessments indicating a negative drift of 10% or more shall require re-monitoring any valve that had a leak rate in excess of 100 ppm during that monitoring day.

8. US Oil shall limit marine loading to those vessels meeting the requirements for ship-to-shore compatibility in 40 CFR 63.562(b)(1)(ii) and (iii), as determined by the procedures in §63.563(a)(2)-(a)(4), §63.564(c), and §63.565(b) and (c). US Oil shall document compliance in accordance with the recordkeeping requirements in §63.567(h), (i)(1)-(3) and (i)(5)-(8). These records shall be kept on-site and available for inspection for at least 5 years.

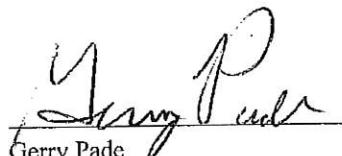
9. Marine loading of crude oil shall not exceed 5,000,000 bbl during any consecutive 12-month period. US Oil shall record the monthly and 12-month rolling total volume of crude oil loaded within 30 days of the end of each month.

SEPA

10. Pursuant to the State Environmental Policy Act, WAC 197-11-350 and WAC 197-11-660, and Puget Sound Clean Air Agency Regulation I, Sections 2.07 and 2.12, the Puget Sound Clean Air Agency shall issue a MDNS for this proposal based on the following condition: The total inbound and outbound volume of crude oil transferred over the marine loading facility shall not exceed 14,400,000 bbl during any calendar year. US Oil shall record the volume of all crude oil transferred over the marine loading facility and report the total for each calendar year to the Agency no later than March 1 of the subsequent year.

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.



Gerry Pade
Reviewing Engineer

ns



Carole Cenci, PE
Carole Cenci
Senior Engineer



Puget Sound Clean Air Agency

Notice of
Construction No. 10627

Registration No. 29559

Date **SEP 05 2013**

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

One paint spray booth (Wesco) at an aluminum boat manufacturing facility. The overspray from the spray coating operation at the booth is controlled by a dry filter system that has filtration removal efficiency higher than 98%. The rated exhaust rate for the booth is 19,200 cfm.

APPLICANT

Glen Wooldridge
Wooldridge Boats, Inc
1303 S 96th St
Seattle, WA 98108

OWNER

Wooldridge Boats, Inc
1303 S 96th St
Seattle, WA 98108

INSTALLATION ADDRESS

Wooldridge Boats, Inc, 1303 S 96th St, Seattle, WA, 98108

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. Coatings containing inorganic hazardous air pollutant shall not be used in any of the spray coating operation. Wooldridge Boats shall keep record of material safety data sheets or other documentation provided by the manufacturer or supplier to demonstrate compliance with this condition.
4. Wooldridge Boats shall limit the emissions from the combined aluminum surface coatings and aluminum wipedown solvents to no more than 12.9 pounds of organic HAP per gallon of total coating solids applied from aluminum primers, clear coats, and top coats combined, on 12-month rolling average.
5. To demonstrate compliance with the organic HAP limit in condition No.4 of this approval, Wooldridge Boats shall:
 - a. Determine and keep records of the organic HAP content (in weight fraction) of each aluminum wipedown solvent and aluminum coating (including primers, topcoats, clear coats, thinners, and activators).
 - b. Determine and keep records of the solids content (in volume fraction) of each aluminum surface coating, including primers, topcoats, and clear coats.
 - c. Determine and keep records of the density (in lb/gal) of each aluminum surface coating and wipedown solvent.

Wooldridge Boats shall use manufacturer's data to determine the organic HAP content, solids content and the density of each solvent and coating. If the organic HAP content only provided by the material supplier or manufacturer as a range, then Wooldridge Boats shall use the upper limit of the range for determining compliance.

Order of Approval for NC No. 10627

6. Based on the information as required by condition No.5 of this approval, Wooldridge Boats shall:

- a. Calculate the total organic HAP (in lb) of the aluminum wipedown solvent, primers, topcoats, clear coats, thinners, and activators used on monthly and 12-month rolling basis.
- b. Calculate the total solids (in gallon) of the primers, topcoats, and clear coats used on monthly and 12-month rolling basis.
- c. Determine the combined aluminum surface coatings and aluminum wipedown solvents organic HAP content by dividing the total organic HAP (as determined by condition # 6.a) by the total solids (as determined by condition # 6.b) on monthly and 12-month rolling basis.

Wooldridge Boats shall keep records of all the calculations required by this condition.

7. The spray coating operation shall only use high transfer efficiency spray equipment, such as: high volume low pressure (HVLP), Air Assisted Airless, or other spray equipment that can achieve equivalent or better transfer efficiency than the HVLP spray guns.

8. Spray booth exhaust filters shall have a capture efficiency of 98% or greater, as demonstrated consistent with ASHRAE Method 52.1, Gravimetric and Dust Spot Procedures for Testing Air Cleaning Devices Used in General Ventilation for Removing Particulate Matter, or equivalent test method accepted by the Agency. Wooldridge Boats shall keep the filter capture efficiency supporting documentation onsite and make available to Agency's inspector upon request.

9. Wooldridge Boats shall install and maintain a pressure drop measurement device, such as a manometer or magnehelic, to measure the pressure drop across the exhaust filters for the spray booth. The acceptable pressure drop range for the effective operation of the filters shall be clearly marked on or nearby the gauge.

10. Prior to spray coating on each day of operation, Wooldridge Boats shall inspect the spray booth to ensure that:

- a. The pressure drop measurement device is operating and the pressure drop across the exhaust filter is within the acceptable range recommended by the manufacturer.
- b. The filter is not installed backwards and has complete coverage over the exhaust plenum.

If the requirements as described by condition No.10.a. or No.10.b. are not met, Wooldridge Boats shall take corrective action until the requirements as described by condition No.10.a. or No.10.b. are met before starting the surface coating operation.

11. Wooldridge Boats shall keep the inspection records in a written log during the inspection. The records shall at least include the following:

- a. The date and time of the inspection.
- b. The name of the person who conducted the inspection.
- c. The pressure drop.

Order of Approval for NC No. 10627

SEP 05 2013

- d. Confirmation that the filter is not installed backwards and has complete coverage over the exhaust plenum.
- e. The corrective action conducted, if any.

12. All volatile organic compound (VOC) containing coatings, thinners, cleaning materials, waste materials, solvent soaked rags and paper must be stored in closed containers when not in use.

13. Spray guns shall be cleaned in an enclosed spray gun cleaning system that is kept closed when not in use, or can be disassembled in a cleaning vat that is kept closed when not in use. At no time may solvent discharged from equipment be atomized into the open air or through the exhaust filters.

14. Records to be maintained by this Order of Approval shall be kept onsite for at least two years from the date of generation, 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 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.



MengChiu Lim
Reviewing Engineer
ns



Carole Cenci
Senior Engineer

Puget Sound Clean Air Agency



Notice of
Construction No. 10758

Registration No. 12593

Date JUL 09 2014

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

This permit is for the installation of 47 additional railcar offloading stations, increasing the number of offloading stations from 60 to a full unit train consisting of 107 railcars. For one unit train arriving every other day, this corresponds to a throughput of 34,775 bbl/day and 12,658,100 bbl/yr (at 650 bbl/railcar). The project does not affect the overall crude processing capacity of the refinery (approx. 41,000 bbl/day).

APPLICANT

Jon Shields
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

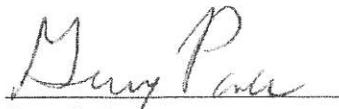
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering 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 new individual drain system (and existing aggregate facilities) for the railcar unloading facility is an affected facility under 40 CFR Part 60, Subparts QQQ and A.
4. The junction box for this individual drain system shall be equipped with a P/V valve to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.
5. The group of all the equipment within a process unit (if any) that includes the railcar offloading facility is an affected facility under 40 CFR Part 60, Subparts GGGa and A. At a minimum, the equipment installed under this Approval shall comply with Subpart GGGa.

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. 10758

JUL 09 2014



Gerry Pade
Reviewing Engineer

ns



Carole Cenci
Senior Engineer

Puget Sound Clean Air Agency

PUGET SOUND
Clean Air Agency

Notice of
Construction No. 10769

Registration No. 12593

Date JUN 09 2014

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

Installation of a new individual drain system for the LPG project, involving the replacement of C12/C-13 with a new debutanizer and depropanizer (C-20/C-21) as well as the replacement of ancillary equipment including 10 heat exchangers, 5 reflux pumps, piping and support structures.

APPLICANT

Jon Shields
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA, 98421

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2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. The new individual drain system (and existing aggregate facilities) for C-20/C-21 is an affected facility under 40 CFR Part 60, Subparts QQQ and A.
4. The junction box for this individual drain system shall be equipped with a P/V valve to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.

APPEAL RIGHTS

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Gerry Pade
Reviewing Engineer

ns



Carole Cenci
Senior Engineer



Puget Sound Clean Air Agency

Notice of
Construction No.

11234

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

Registration No. 12593

Date DEC 06 2016

Modification of Tank TK-80019 and installation of a MECS Model AVP-1000 fiber bed mist eliminator.

APPLICANT

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA 98421

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

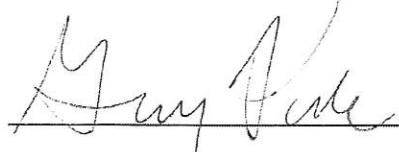
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2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. This tank is subject to 40 CFR Part 60, Subparts UU and A.
4. Emissions from the tank and the demister shall not exceed 0% opacity as determined by EPA Method 9, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing.
5. The demister inlet temperature shall not exceed 120°F at any time.
6. The asphalt storage temperature shall not exceed 390°F at any time.
7. The demister shall be equipped with gauges to monitor the inlet temperature and the pressure drop across the filter elements. The acceptable pressure drop range shall be included in the facility's O&M plan and posted on or near the gauge.
8. The demister shall be inspected quarterly. If visible emissions are observed, the inlet temperature exceeds 120°F, or the pressure drop exceeds the acceptable range specified in the O&M plan, US Oil shall either take corrective action until there are no visible emissions or verify compliance with Condition 4.

Order of Approval for NC No. 11234

DEC 06 2016

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.



Gerry Pade
Reviewing Engineer



Carole Cenci
Compliance Manager

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

Registration No. 12593

Date 4/30/2018

One butane caustic treatment system consisting of one butane caustic treater column (C-22), new fugitive components (valves, flanges connectors, etc), 5 new vessels (Wash Water Settler: V-130, Surge Drum: V-133, Coalescer: V-131, Degassing Drum: V-134, Salt Dryer: V-132), 7 new pumps not in LDAR service, and changing existing tank (tk 757) to allow the storage of fresh caustic instead of spent caustic. Emissions from the butane treatment system will be routed to existing flare, F-1, before venting to the atmosphere.

APPLICANT

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA 98421

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 Owner and/or Operator shall not be allowed to vent the butane caustic treatment system directly to the atmosphere except during emergency scenarios and during applicable maintenance activities that meet the requirements of 40 CFR 63.643(c).
4. Prior to release to atmosphere, vapor gases generated during normal operating scenarios from the Butane caustic treater (C-22) shall be routed to a flare that meets the requirements of 40 CFR Part 60 NSPS Subpart Ja. In the event that the flare goes out of service, either due to a malfunction or maintenance, the owner and/or operator shall take reasonable measures to ensure VOC gases are not released to the atmosphere.
5. The flare management plan (FMP) shall be updated to include all new vents that route butane emissions to the flare. The Flare Management Plan does not need to be submitted to the Agency for review but shall be kept on site ready for review if requested by the Agency.
6. Within 45 days of the Butane Caustic Treater(C-22) startup, the owner and/or operator shall submit to the agency a table of new components which will be monitored for VOC leaks under the facilities leak detection and repair (LDAR) program. The owner and/or operator does not need approval in order to implement these changes.

Order of Approval for NC No. 11522

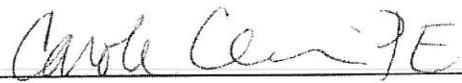
7. To the extent that good engineering principles will allow, all valves, flanges, seals, joints and compressors shall be so located to be reasonably accessible for fugitive emissions monitoring during normal plant operation.
8. All records of this Order shall be kept onsite for up to five years, up-to-date, and be made readily available to Agency personnel upon request at all times.

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.



Ralph Munoz
Reviewing Engineer



Carole Cenci
Compliance Manager

Puget Sound Clean Air Agency

Notice of
Construction No.

11547

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

Registration No. 12593

Date OCT 04 2018

Marine loading of crude oil and ethanol controlled by an existing John Zink Model ZCM-5/5-10-60-X-4/8-4/8 Marine Vapor Combustion Unit (MVCU) with a Vapor Blower Staging Unit (VBSU) and dock safety unit (DSU). The MVCU will also be used to control emissions from the loading of gasoline and gasoline blendstocks as well as an existing fuel oil tank at the dock (TK-35002).

Two new ethanol unloading pumps and associated piping at the refinery rail unloading facility, two new ethanol transfer pumps in the tank farm, converting two existing crude storage tanks to ethanol service (TK-80015 and TK-80020) equipped with Internal Floating Roofs (IFR). This project also includes the installation of three product lines, a ethanol tank to tank transfer line, and a recovered oil line between the main facility and the marine terminal;

This NOC also covers the use of the existing 107 crude railcar offloading stations, 38 of which are capable of offloading ethanol. The crude throughput is 34,775 bbl/day and 12,658,100 bbl/yr (approx. 650 bbl/railcar), and the ethanol throughput is 3,616,600 bbls/year. Also covered by this NOC are existing crude oil storage tanks (TK-80021, TK-80022, TK-300001 and TK-300002.)

APPLICANT

Ty Gaub
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

Brady Winder
US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA 98421

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. Tanks T-80015 and T-80020 shall follow the requirements of 40 CFR Part 60, Subparts Kb and Subpart A.
4. The adjustable roof legs on storage tanks T-80015 and T-80020 shall be fitted with vapor seal boots or equivalent.
5. The slotted guidepoles on storage tanks T-80015 and T-80020 shall be equipped with a pole float with either a pole sleeve or a pole wiper. If a pole sleeve isn't employed, the seal of the pole float shall be higher than the pole wiper. The top of the guidepole shall be equipped with a gasketed cap which shall be closed at all times except when gauging or taking liquid samples.

Order of Approval for NC No. 11547

OCT 04 2018

6. The secondary seals on storage tanks T-80015 and T-80020 shall extend from the roof to the tank shell and shall not be attached to the primary seal.
7. The concentration of organic vapor in the vapor space above the internal floating roofs on storage tanks T-80015 and T-80020 shall not exceed 30% of its lower explosive limit (LEL).
8. The emissions from a planned out of service maintenance events that result in degassing of storage tanks T-80015 and T-80020 shall be vented to a control device.
9. The individual drain systems and existing aggregate facilities, as defined in §60.691, for the railcar unloading facility covered under this order shall follow the requirements of 40 CFR Part 60, Subparts QQQ and A.
10. The junction box for individual drain systems, as defined in §60.691, shall be equipped with a P/V valve to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.
11. The group of all the equipment within a process unit (if any) that includes the railcar offloading facility (Crude by Rail Unloading facility) is an affected facility under 40 CFR Part 60, Subparts GGGa and A. At a minimum, all equipment installed under this order at the crude by rail unloading facility that is used for ethanol shall comply with Subpart GGGa.
12. The following components shall meet the requirements of 40 CFR 63 Subpart CC and the owner and/or operator shall include the following components in the facility wide LDAR plan:
 - i) Piping equipment on ethanol tank to tank transfer lines.
 - ii) Piping equipment on recovered oil line transfer lines.
13. The Marine Vapor Combustion Unit (MVCU) shall be used for all marine loading of crude oil, gasoline, ethanol and gasoline blendstocks. The following conditions 14-19 shall not apply to the loading of products with true vapor pressure <1.5 psia, except for Ethanol.
14. The destruction efficiency of the MVCU shall be at least 99.0%, as determined by the procedures in 40 CFR 63.565(d)(1)-(4) and (6)-(8), except as follows:
 - i) EPA Method 25A may be used to determine the VOC concentration;
 - ii) EPA Method 19 may be used to determine the exhaust flowrate; and
 - iii) All testing shall be performed during the last 50% of loading of a tank or compartment.
15. The owner and/or operator shall conduct a performance test for determining compliance with Condition 14 of this Order within 120 days of the MVCU receiving ethanol vapors under this order. The owner and/or operator does not need to submit a test plan before conducting the performance test; however, the notification and test report requirements of Regulation 1, Section 3.07 shall be followed.
16. The owner and/or operator shall maintain the loading cycle average MVCU combustion chamber temperature at or above the average temperature established during the performance test. US Oil shall continuously monitor and record the MVCU combustion chamber temperature during each loading cycle and also keep a record of the loading cycle average. The continuous temperature monitoring device shall meet the requirements in 40 CFR 63.564(e)(4).

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17. For control of fugitive emissions from the vapor collection system components, the owner and/or operator shall comply with the requirements of 40 CFR Part 63, Subpart CC and Section 2.03 of PSCAA Regulation II, except as follows:
 - i) The leak threshold for valves shall be 500 ppm;
 - ii) Daily calibration drift assessments indicating a negative drift of 10% or more shall require re-monitoring any valve that had a leak rate in excess of 100 ppm during that monitoring day.
18. The owner and/or operator shall limit marine loading to those vessels meeting the requirements for ship-to-shore compatibility in 40 CFR 63.562(b)(1)(ii) and (iii), as determined by the procedures in §63.563(a)(2)-(a)(4), §63.564(c), and §63.565(b) and (c). The owner and/or operator shall document compliance in accordance with the recordkeeping requirements in §63.567(h), (i)(1)-(3) and (i)(5)-(8).
19. Marine loading of crude oil shall not exceed 5,000,000 bbl during any consecutive 12-month period. Marine loading of ethanol shall not exceed 3,616,600 bbl during any consecutive 12-month period. The owner and/or operator shall record the monthly and 12-month rolling total volume of crude oil and ethanol loaded within 30 days of the end of each month.

Additional Requirements for Crude oil Storage tanks TK-80021, TK-80022, TK-300001 and TK-300002, Conditions 20 through 23.

20. These tanks are subject to 40 CFR Part 60, Subpart Kb. Their water draw systems are subject to 40 CFR Part 60, Subpart QQQ.
21. Each cover on access hatches and gauge float wells shall be designed to be bolted or fastened when closed.
22. Each opening for a slotted guidepole shall be equipped with a pole wiper and either a pole float or a pole sleeve. The wiper or seal of the pole float (if used) shall be at or above the height of the pole wiper.
23. Each junction box shall be equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.
24. Pursuant to the State Environmental Policy Act, WAC 197-11-350 and WAC 197-11-660, and Puget Sound Clean Air Agency Regulation I, Sections 2.07 and 2.12, the Puget Sound Clean Air Agency issued an MDNS for Order of Approval 10620 based on the following condition: The total inbound and outbound volume of crude oil transferred over the marine loading facility shall not exceed 14,400,000 bbl during any calendar year. The owner and/or operator shall record the volume of all crude oil transferred over the marine loading facility and report the total for each calendar year to the Agency no later than March 1 of the subsequent year. This condition does not apply to Ethanol transfer, storage, or loading.
25. All records required by this Order of Approval shall be kept onsite for up to five years, up-to-date, and be made readily available to Agency personnel upon request at all times.
26. This Order of Approval No. 11547, issued to allow the storage, transfer and loading of ethanol, cancels and supersedes Orders of Approval No. 10620 (12/2/2013), No. 10758(7/9/2014), and No. 9580 (3/16/2007).

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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.



Ralph Munoz
Reviewing Engineer



Carole Cenci, PE
Compliance Manager



Puget Sound Clean Air Agency

Notice of
Construction No.

11672

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

Registration No. 12593

Date

JAN 30 2019

Installation of an individual drain system at storage tank TK-80010, which will add a new sealed junction box which supports two new transfer pumps, level controls, and a sump pump which will discharge to refinery's existing waste water treatment system.

APPLICANT

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

OWNER

US Oil & Refining Co
PO Box 2255
Tacoma, WA 98401-2255

INSTALLATION ADDRESS

US Oil & Refining Co, 3001 Marshall Ave, Tacoma, WA 98421

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

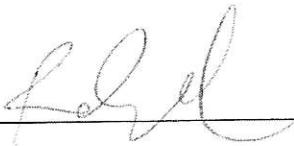
1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering 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 modified individual drain system (and existing aggregate facilities) for TK-80010 are subject to the requirements of 40 CFR Part 60, Subparts QQQ and A.
4. The two new diesel transfer pumps are subject to the requirements of 40 CFR 63 Subpart CC.
5. The junction box vent pipes for the individual drain system covered under this Order of Approval shall be equipped with P/V valve to prevent the flow of organic vapors from the pipes to the atmosphere during normal operations.
6. The vacuum breather vent associated with the P/V valve shall be inspected for maintenance/repair or replacement of components according to the manufacturer's recommendations to ensure proper function. A copy of the manufacturer recommended maintenance or other documentation showing adequate maintenance shall be kept on site at all times for Agency review, if requested.
7. The pump in the junction box shall be inspected and maintained according to manufacturer's recommendations. A copy of the manufacturer recommended maintenance or other documentation showing adequate maintenance shall be kept on site at all times for Agency review, if requested.
8. US Oil shall maintain records of all actions taken associated with equipment approved under this NOC and all records shall be kept for at least five years and made available for to PSCAA personnel upon request.

Order of Approval for NC No. 11672

JAN 30 2019

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.



Ralph Munoz
Reviewing Engineer



Carole Cenci
Compliance Manager