



# South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 · www.aqmd.gov

October 4, 2013

Mr. Eric Conard  
Manager – Env. & Bus. Dev.  
Petro Diamond Terminal Co.  
1100 Main Street, 2<sup>nd</sup> Floor  
Irvine, CA 92614

Dear Mr. Conard:

RE: Petro Diamond Terminal Co.  
Facility ID# 800079

Enclosed are the revised Title Page, Table of Contents, Section D, and Section H of your Title V Facility Permit. The revised sections reflect the issuance of final Permit to Operate in Section D, the removal of the previous Permit to Operate from Section D, and removal of the corresponding Permit to Construct from Section H as follows:

Section D – Permit to Operate Added

Application Number (also formerly listed in Section H)	Permit to Operate Number	Equipment	Description
496876	G25888	BULK LOAD/UNLOAD RACK (>200,000 GPD)(NO. 1)	Move equipment from Section H to Section D (convert Permit to Construct to Permit to Operate) and reduce allowable fugitive emissions from components from 250 ppm to 100 ppm.

Section D – Permit to Operate Removed

Application Number	Permit to Operate Number	Equipment	Description
431990	F71069	Light Distillate Bulk Unloading (RACK NO. 1)	Superseded by new Permit to Operate

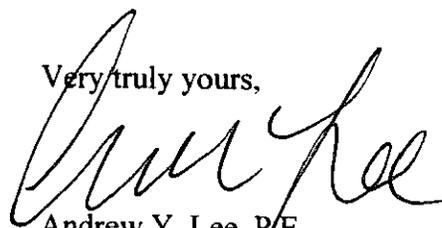
Section H – Permit to Construct Removed

Application Number	Equipment	Description
496876	BULK LOAD/UNLOAD RACK (>200,000 GPD)(NO. 1)	Converted to Permit to Operate

Please review the attached sections carefully. Insert the enclosed sections into your Title V Facility Permit and discard the earlier versions.

The operation of your facility is bound by the conditions and/or requirements stated in the facility Permit to Operate. If you determine that there are administrative errors, or if you have any questions concerning changes to your permit, please contact Ms. Linda Dejbakhsh, Air Quality Engineer, at (909) 396-2614 within 30 days of the receipt of your permit.

Very truly yours,



Andrew Y. Lee, P/E.  
Senior Engineering Manager  
Engineering and Compliance

AYL:CDT:LLD  
Enclosures

cc: Gerardo Rios, EPA Region IX  
Compliance  
Central File  
A/N 496876



## FACILITY PERMIT TO OPERATE

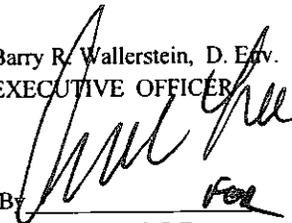
### PETRO DIAMOND TERMINAL CO 1920 LUGGER BERTH 83 WAY LONG BEACH, CA 90813

#### NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.  
EXECUTIVE OFFICER

By   
Mohsen Nazemi, P.E.  
Deputy Executive Officer  
Engineering & Compliance



## FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

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A	Facility Information	0	03/23/2009
B	RECLAIM Annual Emission Allocation	0	03/23/2009
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	4	10/04/2013
E	Administrative Conditions	0	03/23/2009
F	RECLAIM Monitoring and Source Testing Requirements	0	03/23/2009
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	0	03/23/2009
H	Permit To Construct and Temporary Permit to Operate	3	10/04/2013
I	Compliance Plans & Schedules	1	08/16/2012
J	Air Toxics	0	03/23/2009
K	Title V Administration	0	03/23/2009
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A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	0	03/23/2009
B	Rule Emission Limits	0	03/23/2009



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**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

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**Facility Equipment and Requirements**  
(Section D)

This section consists of a table listing all permitted equipment at the facility, facility wide requirements, all individual Permits to Construct and Permits to Operate issued to various equipment at the facility, and Rule 219-exempt equipment subject to source-specific requirements. Each permit and Rule 219-exempt equipment will list operating conditions including periodic monitoring requirements, and applicable emission limits and requirements that the equipment is subject to. Also included is the rule origin and authority of each emission limit and permit condition.



## FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

### PERMITTED EQUIPMENT LIST

THE FOLLOWING IS A LIST OF ALL PERMITS TO OPERATE AT THIS FACILITY:

Application Number	Permit to Operate Number	Equipment Description	Page Number
246844	D63105	STORAGE TANK FX RF W/INT FLT GASOLINE (TK-8)	4
246845	D63111	STORAGE TANK FX RF W/INT FLT GASOLINE (TK-7)	6
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546768	G24523	STORAGE TANK FX RF W/INT FLT GASOLINE (TK-3)	53

**NOTE:** EQUIPMENT LISTED ABOVE THAT HAS NO CORRESPONDING PERMIT TO OPERATE NUMBER(S) HAS BEEN ISSUED PERMIT(S) TO CONSTRUCT. THE ISSUANCE OR DENIAL OF PERMIT(S) TO OPERATE IS SUBJECT TO ENGINEERING FINAL REVIEW. ANY OTHER APPLICATIONS THAT ARE STILL BEING PROCESSED AND WHICH HAVE NOT BEEN ISSUED PERMIT(S) TO CONSTRUCT OR PERMIT(S) TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT.



## FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

### FACILITY WIDE CONDITION(S)

**Condition(s):**

- 1) EXCEPT FOR OPEN ABRASIVE BLASTING OPERATIONS, THE OPERATOR SHALL NOT DISCHARGE INTO THE ATMOSPHERE FROM ANY SINGLE SOURCE OF EMISSIONS WHATSOEVER ANY AIR CONTAMINANT FOR A PERIOD OR PERIODS AGGREGATING MORE THAN THREE MINUTES IN ANY ONE HOUR WHICH IS:

- A. AS DARK OR DARKER IN SHADE AS THAT DESIGNATED NO. 1 ON THE RINGELMANN CHART, AS PUBLISHED BY THE UNITED STATES BUREAU OF MINES; OR,  
B. OF SUCH OPACITY AS TO OBSCURE AN OBSERVER'S VIEW TO A DEGREE EQUAL TO OR GREATER THAN DOES SMOKE DESCRIBED IN SUBPARAGRAPH (A) OF THIS CONDITION.

[RULE 401]

- 2) THE OPERATOR SHALL NOT PURCHASE DIESEL FUEL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 15 PPM BY WEIGHT AS SUPPLIED BY THE SUPPLIER.

[RULE 431.2]

- 3) THE OPERATOR SHALL NOT USE DIESEL FUEL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 15 PPM BY WEIGHT.

[RULE 431.2]

- 4) THE OPERATOR SHALL COMPLY WITH THE MINOR SOURCE REQUIREMENTS OF 40 CFR 63, SUBPART R.

[40 CFR 63 SUBPART R]

- 5) THE OPERATOR SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF 40CFR 63 SUBPART BBBB.

[40 CFR 63 SUBPART BBBB]

- 6) THE OPERATOR SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF 40CFR 63 SUBPART Y.

[40 CFR 63 SUBPART Y]

- 7) THIS FACILITY SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF RULE 1173.

[RULE 1173]



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. D63105  
A/N 246844**

**Equipment Description:**

STORAGE TANK NO. 8, INTERNAL FLOATING ROOF, 78'-0" DIA. X 67'-0" H., 50,000 BBL CAPACITY, WELDED SHELL, FIXED CONE ROOF WITH AN INTERNAL FLOATING PONTOON DECK, WITH A DISTRICT APPROVED LIQUID MOUNTED HMT SLIMLINE EVERSEAL PRIMARY SEAL, CONNECTED TO A VAPOR RECOVERY DEGASSING SYSTEM.

**Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
  
[RULE 204]
- 3) THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUIDS HAVING A VAPOR PRESSURE OF 569 MM Hg (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.  
  
[RULE 1303(b)(2)-Offset, RULE 40CFR60, SUBPART Kb]
- 4) THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL. THE HYDROCARBON CONCENTRATION SHALL NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT.  
  
[RULE 1178]
- 5) THIS TANK SHALL NOT BE VENTED THROUGH THE DEGASSING VAPOR LINE UNLESS THE VAPOR RECOVERY SYSTEM DESIGNED FOR THIS SERVICE HAS BEEN ISSUED A PERMIT TO CONSTRUCT OR A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER, AND IS IN FULL USE.  
  
[RULE 1149; RULE 1303(a)(1)-BACT]



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. D63105  
A/N 246844  
(continued)**

- 6) THE OPERATOR SHALL ONLY VENT THIS EQUIPMENT TO THE VAPOR RECOVERY SYSTEM DURING DEGASSING OPERATIONS AND TANK REFILLING UNTIL THE ROOF IS FLOATING. THE VAPOR COLLECTION SYSTEM CONNECTION TO THIS TANK SHALL REMAIN CLOSED EXCEPT DURING TANK DEGASSING AND REFILLING UNTIL THE ROOF IS FLOATING. SIMULTANEOUS VENTING FROM MORE THAN ONE TANK AT A TIME SHALL NOT BE ALLOWED.

[RULE 1149; RULE 1303(a)(1)-BACT]

- 7) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TYPE OF PRODUCT STORED, ITS THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITIONS.

[RULE 463, RULE 40CFR60, SUBPART Kb]

**Periodic Monitoring**

NONE

**Emissions And Requirements:**

- 8) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463  
VOC: RULE 1178  
VOC: RULE 1149  
VOC: 40CFR60, SUBPART Kb



## FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

### PERMIT TO OPERATE

Permit No. D63111  
A/N 246845

#### Equipment Description:

STORAGE TANK NO. 7, 65'-0" DIA. X 40'-0" H., 20,000 BBL CAPACITY, WELDED SHELL, FIXED ROOF, WITH A PONTOON INTERNAL FLOATING ROOF, AND A SINGLE PRIMARY SEAL, CONNECTED TO A VAPOR RECOVERY DEGASSING SYSTEM.

#### Conditions

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
  
[RULE 204]
- 3) THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUIDS HAVING A VAPOR PRESSURE OF 569 MM Hg (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.  
  
[RULE 1303(b)(2)-Offset, RULE 40CFR60, SUBPART Ka]
- 4) THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL. THE HYDROCARBON CONCENTRATION SHALL NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT.  
  
[RULE 1178]
- 5) THIS TANK SHALL NOT BE VENTED THROUGH THE DEGASSING VAPOR LINE UNLESS THE VAPOR RECOVERY SYSTEM DESIGNED FOR THIS SERVICE HAS BEEN ISSUED A PERMIT TO CONSTRUCT OR A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER, AND IS IN FULL USE.  
  
[RULE 1149; RULE 1303(a)(1)-BACT]



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. D63111  
A/N 246845  
(continued)**

- 6) THE OPERATOR SHALL ONLY VENT THIS EQUIPMENT TO THE VAPOR RECOVERY SYSTEM DURING DEGASSING OPERATIONS AND TANK REFILLING UNTIL THE ROOF IS FLOATING. THE VAPOR COLLECTION SYSTEM CONNECTION TO THIS TANK SHALL REMAIN CLOSED EXCEPT DURING TANK DEGASSING AND REFILLING UNTIL THE ROOF IS FLOATING. SIMULTANEOUS VENTING FROM MORE THAN ONE TANK AT A TIME SHALL NOT BE ALLOWED.

[RULE 1149; RULE 1303(a)(1)-BACT]

- 7) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TYPE OF PRODUCT STORED, ITS THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITIONS.

[RULE 463, RULE 40CFR60, SUBPART Ka]

**Periodic Monitoring**

NONE

**Emissions And Requirements:**

- 8) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463

VOC: RULE 1178

VOC: RULE 1149

VOC: 40CFR60, SUBPART Ka



## FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

### PERMIT TO OPERATE

Permit No. D63110  
A/N 246846

#### Equipment Description:

STORAGE TANK NO. 6, 65'-0" DIA. X 40'-0" H., 20,000 BBL CAPACITY, WELDED SHELL, WITH A PONTOON INTERNAL FLOATING ROOF, WITH A SINGLE PRIMARY SEAL, CONNECTED TO A VAPOR RECOVERY DEGASSING SYSTEM.

#### Conditions

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
  
[RULE 204]
- 3) THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUIDS HAVING A VAPOR PRESSURE OF 569 MM Hg (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.  
  
[RULE 1303(b)(2)-Offset, RULE 40CFR60, SUBPART Ka]
- 4) THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL. THE HYDROCARBON CONCENTRATION SHALL NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT.  
  
[RULE 1178]
- 5) THIS TANK SHALL NOT BE VENTED THROUGH THE DEGASSING VAPOR LINE UNLESS THE VAPOR RECOVERY SYSTEM DESIGNED FOR THIS SERVICE HAS BEEN ISSUED A PERMIT TO CONSTRUCT OR A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER, AND IS IN FULL USE.  
  
[RULE 1149; RULE 1303(a)(1)-BACT]



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. D63110  
A/N 246846  
(continued)**

- 6) THE OPERATOR SHALL ONLY VENT THIS EQUIPMENT TO THE VAPOR RECOVERY SYSTEM DURING DEGASSING OPERATIONS AND TANK REFILLING UNTIL THE ROOF IS FLOATING. THE VAPOR COLLECTION SYSTEM CONNECTION TO THIS TANK SHALL REMAIN CLOSED EXCEPT DURING TANK DEGASSING AND REFILLING UNTIL THE ROOF IS FLOATING. SIMULTANEOUS VENTING FROM MORE THAN ONE TANK AT A TIME SHALL NOT BE ALLOWED.

[RULE 1149; RULE 1303(a)(1)-BACT]

- 7) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TYPE OF PRODUCT STORED, ITS THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITIONS.

[RULE 463, RULE 40CFR60, SUBPART Ka]

**Periodic Monitoring**

NONE

**Emissions And Requirements:**

- 8) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463  
VOC: RULE 1178  
VOC: RULE 1149  
VOC: 40CFR60, SUBPART Ka



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. D63109  
A/N 246847**

**Equipment Description:**

STORAGE TANK NO. 5, 65'-0" DIA. X 40'-0" H., 20,000 BBL CAPACITY, WELDED SHELL, WITH A PONTOON INTERNAL FLOATING ROOF, WITH A SINGLE PRIMARY SEAL, CONNECTED TO A VAPOR RECOVERY DEGASSING SYSTEM.

**Conditions**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
  
[RULE 204]
- 3) THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUIDS HAVING A VAPOR PRESSURE OF 569 MM Hg (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.  
  
[RULE 1303(b)(2)-Offset, RULE 40CFR60, SUBPART Ka]
- 4) THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL. THE HYDROCARBON CONCENTRATION SHALL NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT.  
  
[RULE 1178]
- 5) THIS TANK SHALL NOT BE VENTED THROUGH THE DEGASSING VAPOR LINE UNLESS THE VAPOR RECOVERY SYSTEM DESIGNED FOR THIS SERVICE HAS BEEN ISSUED A PERMIT TO CONSTRUCT OR A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER, AND IS IN FULL USE.  
  
[RULE 1149; RULE 1303(a)(1)-BACT]



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. D63109  
A/N 246847  
(continued)**

- 6) THE OPERATOR SHALL ONLY VENT THIS EQUIPMENT TO THE VAPOR RECOVERY SYSTEM DURING DEGASSING OPERATIONS AND TANK REFILLING UNTIL THE ROOF IS FLOATING. THE VAPOR COLLECTION SYSTEM CONNECTION TO THIS TANK SHALL REMAIN CLOSED EXCEPT DURING TANK DEGASSING AND REFILLING UNTIL THE ROOF IS FLOATING. SIMULTANEOUS VENTING FROM MORE THAN ONE TANK AT A TIME SHALL NOT BE ALLOWED.

[RULE 1149; RULE 1303(a)(1)-BACT]

- 7) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TYPE OF PRODUCT STORED, ITS THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITIONS.

[RULE 463, RULE 40CFR60, SUBPART Ka]

**Periodic Monitoring**

NONE

**Emissions And Requirements:**

- 8) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463  
VOC: RULE 1178  
VOC: RULE 1149  
VOC: 40CFR60, SUBPART Ka



## FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

### PERMIT TO OPERATE

Permit No. D63108  
A/N 246848

#### Equipment Description:

STORAGE TANK NO. 4, INTERNAL FLOATING ROOF, 100'-0" DIA. X 40'-0" H., 50,000 BBL CAPACITY, WELDED SHELL, WITH A PONTOON INTERNAL FLOATING ROOF AND A SINGLE PRIMARY SEAL, CONNECTED TO A VAPOR RECOVERY DEGASSING SYSTEM.

#### Conditions

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
  
[RULE 204]
- 3) THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUIDS HAVING A VAPOR PRESSURE OF 569 MM Hg (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.  
  
[RULE 1303(b)(2)-Offset, RULE 40CFR60, SUBPART Ka]
- 4) THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL. THE HYDROCARBON CONCENTRATION SHALL NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT.  
  
[RULE 1178]
- 5) THIS TANK SHALL NOT BE VENTED THROUGH THE DEGASSING VAPOR LINE UNLESS THE VAPOR RECOVERY SYSTEM DESIGNED FOR THIS SERVICE HAS BEEN ISSUED A PERMIT TO CONSTRUCT OR A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER, AND IS IN FULL USE.  
  
[RULE 1149; RULE 1303(a)(1)-BACT]



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. D63108  
A/N 246848  
(continued)**

- 6) THE OPERATOR SHALL ONLY VENT THIS EQUIPMENT TO THE VAPOR RECOVERY SYSTEM DURING DEGASSING OPERATIONS AND TANK REFILLING UNTIL THE ROOF IS FLOATING. THE VAPOR COLLECTION SYSTEM CONNECTION TO THIS TANK SHALL REMAIN CLOSED EXCEPT DURING TANK DEGASSING AND REFILLING UNTIL THE ROOF IS FLOATING. SIMULTANEOUS VENTING FROM MORE THAN ONE TANK AT A TIME SHALL NOT BE ALLOWED.

[RULE 1149; RULE 1303(a)(1)-BACT]

- 7) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TYPE OF PRODUCT STORED, ITS THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITIONS.

[RULE 463, RULE 40CFR60, SUBPART Ka]

**Periodic Monitoring**

NONE

**Emissions And Requirements:**

- 8) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463  
VOC: RULE 1178  
VOC: RULE 1149  
VOC: 40CFR60, SUBPART Ka



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. F12519  
A/N 287859**

**Equipment Description:**

WASTEWATER COLLECTION AND DISPOSAL SYSTEM CONSISTING OF:

1. OIL/WATER/SOLID SEPARATOR, TSI GRAVITY DISPLACEMENT SEPARATOR, MODEL NO. M-5, 6'-0" DIA. X 34'-0" L., 7,000 GALLONS APPROXIMATE CAPACITY.
2. PUMP NO. 17, IMMERSION, WATER PHASE, BYRON JACKSON, CENTRIFUGAL, 400 GPM, 5 HP.
3. PUMP NO. 18, IMMERSION, HYDROCARBON PHASE, BYRON JACKSON, CENTRIFUGAL, 400 GPM, 5 HP.
4. FILTER, CARTRIDGE, CUNO FLEX LINE, MODEL FL-16, 1'-0" DIA. X 5'-3" H.
5. FILTER, SAND, HAYWARD HIGH RATE, MODEL S-3108, 2'-0" DIA. X 3'-4" H.
6. ADSORBER, NORTHWEST, MODEL LF-710, GRANULATED ACTIVATED CARBON, CONSISTING OF TWO 7'-0" DIA. X 10'-0" H. ADSORPTION BEDS AND ASSOCIATED PIPING.
7. EVAPORATION POND, 48'-0" W. X 156'-0" L. AT THE TOP AND 22'-0" W. X 156'-0" L. AT THE BOTTOM X 13'-0" DEEP APPROXIMATE DIMENSIONS, ASPHALT/CONCRETE/EARTH CONSTRUCTION.

**Conditions**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

[RULE 204]

- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

[RULE 204]



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. F12519  
A/N 287859  
(continued)**

**Periodic Monitoring**

NONE

**Emissions And Requirements:**

- 3) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 464



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

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**Permit No. F23553  
A/N 340929**

**Equipment Description:**

JET FUEL TREATER CONSISTING OF:

1. CLAY TREATER TOWER, 17'-8" H. X 7'-10" DIA.
2. MICRONITE FILTER TOWER, MODEL NO. VFCS-3662T2F-30927, SERIAL NO. 3310-1, 300 GAL.

**Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) THIS EQUIPMENT SHALL NOT BE USED TO PROCESS PETROLEUM DISTILLATES WITH A VAPOR PRESSURE GREATER THAN 0.1 PSIA.  
[RULE 1303(b)(2)-Offset]

**Periodic Monitoring**

NONE

**Emissions And Requirements:**

NONE



**FACILITY PERMIT TO OPERATE  
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**PERMIT TO OPERATE**

**Permit No. F54144  
A/N 392872**

**Equipment Description:**

INTERNAL COMBUSTION ENGINE, FUEL OIL NO. 2, TURBOCHARGED, DETROIT DIESEL, MODEL NO. DDFP-03DT, 130-BHP, DRIVING AN EMERGENCY FIRE PUMP.

**Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
  
[RULE 204]
- 3) THE EMISSION LIMITS IDENTIFIED IN SECTION D AND H OF THE PERMIT SHALL BE DEFINED AS EMISSIONS DISCHARGED TO THE ATMOSPHERE ORIGINATED FROM THE EQUIPMENT.  
  
[RULE 204]
- 4) AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
  
[RULE 1110.2; RULE 1304(a)-MODELING AND OFFSET EXEMPTION]
- 5) THIS ENGINE SHALL NOT OPERATE FOR MORE THAN 199 HOURS IN ANY ONE YEAR.  
  
[RULE 1110.2; RULE 1304(a)-MODELING AND OFFSET EXEMPTION]
- 6) THIS INTERNAL COMBUSTION ENGINE MAY ONLY BE OPERATED FOR MAINTENANCE AND TESTING PURPOSES, OR DURING EMERGENCIES AS A RESULT OF A FIRE AT THIS FACILITY.  
  
[RULE 1110.2; RULE 1304(a)-MODELING AND OFFSET EXEMPTION]
- 7) THE OPERATOR SHALL NOT USE FUEL OIL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 0.05 PERCENT BY WEIGHT.  
  
[RULE 431.2]



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. F54144  
A/N 392872  
(continued)**

- 8) THE OPERATOR SHALL NOT PURCHASE DIESEL FUEL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 15 PPM BY WEIGHT AS SUPPLIED BY THE SUPPLIER.

[RULE 431.2]

- 9) THE OPERATOR SHALL NOT USE DIESEL FUEL CONTAINING MORE THAN 15 PPM BY WEIGHT OF SULFUR.

RULE 1303(a)(1)-BACT; RULE 1303(a)(1)-BACT

- 10) AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 1110.2; RULE 1304(a)-MODELING AND OFFSET EXEMPTION]

**Periodic Monitoring**

NONE

**Emission Limits**

- 11) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404 SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 1470



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. F54487  
A/N 392874**

**Equipment Description:**

BUTANE UNLOADING RACK CONSISTING OF THE FOLLOWING:

1. UNLOADING ARM
2. INLINE BLENDER, FOUR COMPARTMENT.
3. BUTANE BLENDING PUMP, P-12, CENTRIFUGAL, WITH 15-HP MOTOR.

**Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

[RULE 204]

- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

[RULE 204]

**Periodic Monitoring:**

NONE

**Emissions And Requirements:**

NONE



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**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

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**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. F98297  
A/N 434290**

**Equipment Description:**

BULK LOADING AND UNLOADING RACK, NO. 5 CONSISTING OF:

1. SIX BOTTOM LOADING ARMS, 0'-4" DIA. EACH.
2. TWO VAPOR RETURN LINES, VENTING TO A VAPOR RECOVERY SYSTEM, 0'-4" DIA. EACH.
3. SIX METERS.
4. SEVEN LOADING PUMPS, NOS. P-1 THROUGH P-7 (COMMON TO MARINE TERMINAL, AND RACK NOS. 3, 4 AND 5), CENTRIFUGAL, EACH WITH A MECHANICAL SEAL, 75-H.P. EACH.
5. LOADING PUMP NO. P-10 (COMMON TO RACK NO. 3, 4 AND 5), CENTRIFUGAL, WITH A MECHANICAL SEAL, 75-H.P.
6. DIESEL UNLOADING PUMP NOS. P-20 AND P-21 (COMMON TO RACK NO. 3, 4 AND 5), CENTRIFUGAL, EACH WITH A MECHANICAL SEAL, 10-H.P. EACH.

**Conditions**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
  
[RULE 204]
- 3) THE EMISSION LIMITS IDENTIFIED IN SECTION D AND H OF THE PERMIT SHALL BE DEFINED AS EMISSIONS DISCHARGED TO THE ATMOSPHERE ORIGINATED FROM THE EQUIPMENT.  
  
[RULE 204]
- 4) THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO A VAPOR RECOVERY SYSTEM WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO CONSTRUCT OR OPERATE BY THE EXECUTIVE OFFICER.  
  
[RULE 1303(a)(1)-BACT; 40CFR60 SUBPART XX]



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. F98297  
A/N 434290  
(continued)**

- 5) THE OPERATOR SHALL LIMIT THE TOTAL COMBINED THROUGHPUT FOR LOADING RACKS 3, 4, AND 5 TO NO MORE THAN 1,540,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL COMBINED ANNUAL THROUGHPUT SHALL INCLUDE, BUT NOT BE LIMITED TO, PETROLEUM DISTILLATES AND GASOLINE BLENDING COMPONENTS (INCLUDING OXYGENATES SUCH AS ETHANOL) HAVING A VAPOR PRESSURE OF 1.5 PSIA OR GREATER. IN ADDITION:
- A. THE VOC EMISSION LIMIT FOR LOADING RACK NOS. 3, 4, AND 5 SHALL NOT EXCEED 0.065 LBS/1000 GALLONS LOADED. THE OPERATOR SHALL MAINTAIN THROUGHPUT AND CEMS RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
- B. THE OPERATOR SHALL INSTALL AND MAINTAIN A(N)FLOW METER TO ACCURATELY INDICATE THE FLOW RATE OF THE LOADING RACKS. THE OPERATOR SHALL USE A TOTALIZING FLOW METER TO COMPLY WITH THIS CONDITION.
- [RULE 1303(b)(2)-Offset]
- 6) THE OPERATOR SHALL LIMIT THE TOTAL COMBINED FACILITY THROUGHPUT TO NO MORE THAN 14,600,000 BARRELS IN ANY ONE YEAR. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL COMBINED ANNUAL THROUGHPUT SHALL INCLUDE, BUT NOT BE LIMITED TO, PETROLEUM DISTILLATES AND GASOLINE BLENDING COMPONENTS (INCLUDING OXYGENATES SUCH AS ETHANOL) HAVING A VAPOR PRESSURE OF 1.5 PSIA OR GREATER, THAT ARE LOADED AND UNLOADED FROM/TO MARINE VESSELS, MATERIALS UNLOADED FROM TANK TRUCK/TANK CARS, AND MATERIALS RECEIVED THROUGH PIPELINES.
- [RULE 1303(b)(2)-Offset]
- 7) THIS LOADING RACK SHALL NOT BE OPERATED UNLESS THE VAPORS ARE VENTED TO AIR POLLUTION CONTROL EQUIPMENT CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD.
- [RULE 462]



## FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

### PERMIT TO OPERATE

Permit No. F98297  
A/N 434290  
(continued)

- 8) THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES THAT ARE PART OF BULK LOADING AND UNLOADING RACK NOS. 3, 4 AND 5:
- A. ALL VALVES SHALL BE BELLOWS SEAL VALVES EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), SPECIAL APPLICATION VALVES WITH SPACE LIMITATION, AND VALVES NOT COMMERCIALY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT.
  - B. ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKING THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORDS.
  - C. THE OPERATOR SHALL PROVIDE THE FOLLOWING INFORMATION TO THE DISTRICT NO LATER THAN 60 DAYS AFTER INITIAL STARTUP:
    - a. PROCESS AND INSTRUMENTATION DIAGRAMS (OR SOME OTHER EQUIVALENT DISTRICT-APPROVED DIAGRAMS) THAT IDENTIFY ALL VALVES. ALONG WITH THE DIAGRAMS, THE OPERATOR SHALL PROVIDE A LISTING OF ALL VALVES CATEGORIZED BY LOCATION, TYPE, SIZE, ACCESSIBILITY AND SERVICE; AND,
    - b. A RECALCULATION OF FUGITIVE EMISSIONS BASED ON ACTUAL FUGITIVE COMPONENTS INSTALLED AND REMOVED FROM SERVICE. ALL VALVES SHALL BE CATEGORIZED BY SIZE AND SERVICE. THE OPERATOR SHALL SUBMIT A LISTING OF ALL NON-BELLOWS SEAL VALVES CATEGORIZED BY TAG NUMBER, TYPE, SIZE, BODY MATERIAL, SERVICE, OPERATING TEMPERATURE, OPERATING PRESSURE AND REASON(S) WHY BELLOWS SEAL VALVES WERE NOT USED.
  - D. ALL FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.
  - E. ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM<sub>v</sub>, BUT LESS THAN 1,000 PPM<sub>v</sub>, MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM<sub>v</sub>, OR GREATER, SHALL BE REPAIRED ACCORDING TO RULE 1173.



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. F98297  
A/N 434290  
(continued)**

- F. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM<sub>v</sub> ABOVE BACKGROUND.
- G. THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND REINSPECTIONS, IF ANY, SHALL BE MAINTAINED FOR TWO YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 1173; RULE 1303(a)(1)-BACT]

- 9) IN ADDITION TO THE RECORDS REQUIRED IN RULE 462, RECORDS SHALL BE MAINTAINED TO DEMONSTRATE COMPLIANCE WITH THE CONDITIONS ON THIS PERMIT. THESE RECORDS SHALL BE MAINTAINED FOR A PERIOD OF AT LEAST FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 462]

- 10) THE OPERATOR SHALL IMPLEMENT A RULE 1173 INSPECTION AND MAINTENANCE PROGRAM. THE OPERATOR SHALL MAINTAIN INSPECTION AND REPAIR RECORDS FOR A PERIOD OF AT LEAST FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THIS CONDITION IS INTENDED TO ENSURE COMPLIANCE WITH BEST AVAILABLE TECHNOLOGY REQUIREMENTS.

[RULE 1173; RULE 1303(a)(1)-BACT]

**Periodic Monitoring**

NONE

**Emissions And Requirements:**

- 11) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS

TOC: 35 MG/L, 40CFR 60 Subpart XX  
VOC: 0.08 LBS/1000 GAL, RULE 462  
VOC: 0.065 LBS/1000 GAL, RULE 1303(b)(2) Offsets



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. F98296  
A/N 434292**

**Equipment Description:**

**BULK LOADING AND UNLOADING RACK, NO. 4 CONSISTING OF:**

1. SIX BOTTOM LOADING ARMS, 0'-4" DIA. EACH.
2. TWO VAPOR RETURN LINES, VENTING TO A VAPOR RECOVERY SYSTEM, 0'-4" DIA. EACH.
3. SIX METERS.
4. SEVEN LOADING PUMPS, NOS. P-1 THROUGH P-7 (COMMON TO MARINE TERMINAL, AND RACK NOS. 3, 4 AND 5), CENTRIFUGAL, EACH WITH A MECHANICAL SEAL, 75-H.P. EACH.
5. LOADING PUMP NO. P-10 (COMMON TO RACK NO. 3, 4 AND 5), CENTRIFUGAL, WITH A MECHANICAL SEAL, 75-H.P.
6. DIESEL UNLOADING PUMP NOS. P-20 AND P-21 (COMMON TO RACK NO. 3, 4 AND 5), CENTRIFUGAL, EACH WITH A MECHANICAL SEAL, 10-H.P. EACH.

**Conditions**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
  
[RULE 204]
- 3) THE EMISSION LIMITS IDENTIFIED IN SECTION D AND H OF THE PERMIT SHALL BE DEFINED AS EMISSIONS DISCHARGED TO THE ATMOSPHERE ORIGINATED FROM THE EQUIPMENT.  
  
[RULE 204]
- 4) THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO A VAPOR RECOVERY SYSTEM WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO CONSTRUCT OR OPERATE BY THE EXECUTIVE OFFICER.  
  
[RULE 1303(a)(1)-BACT; 40CFR60 SUBPART XX]



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. F98296  
A/N 434292  
(continued)**

- 5) THE OPERATOR SHALL LIMIT THE TOTAL COMBINED THROUGHPUT FOR LOADING RACKS 3, 4, AND 5 TO NO MORE THAN 1,540,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL COMBINED ANNUAL THROUGHPUT SHALL INCLUDE, BUT NOT BE LIMITED TO, PETROLEUM DISTILLATES AND GASOLINE BLENDING COMPONENTS (INCLUDING OXYGENATES SUCH AS ETHANOL) HAVING A VAPOR PRESSURE OF 1.5 PSIA OR GREATER. IN ADDITION:
- A. THE VOC EMISSION LIMIT FOR LOADING RACK NOS. 3, 4, AND 5 SHALL NOT EXCEED 0.065 LBS/1000 GALLONS LOADED. THE OPERATOR SHALL MAINTAIN THROUGHPUT AND CEMS RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
- B. THE OPERATOR SHALL INSTALL AND MAINTAIN A(N)FLOW METER TO ACCURATELY INDICATE THE FLOW RATE OF THE LOADING RACKS. THE OPERATOR SHALL USE A TOTALIZING FLOW METER TO COMPLY WITH THIS CONDITION.
- [RULE 1303(b)(2)-Offset]
- 6) THE OPERATOR SHALL LIMIT THE TOTAL COMBINED FACILITY THROUGHPUT TO NO MORE THAN 14,600,000 BARRELS IN ANY ONE YEAR. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL COMBINED ANNUAL THROUGHPUT SHALL INCLUDE, BUT NOT BE LIMITED TO, PETROLEUM DISTILLATES AND GASOLINE BLENDING COMPONENTS (INCLUDING OXYGENATES SUCH AS ETHANOL) HAVING A VAPOR PRESSURE OF 1.5 PSIA OR GREATER, THAT ARE LOADED AND UNLOADED FROM/TO MARINE VESSELS, MATERIALS UNLOADED FROM TANK TRUCK/TANK CARS, AND MATERIALS RECEIVED THROUGH PIPELINES.
- [RULE 1303(b)(2)-Offset]
- 7) THIS LOADING RACK SHALL NOT BE OPERATED UNLESS THE VAPORS ARE VENTED TO AIR POLLUTION CONTROL EQUIPMENT CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD.
- [RULE 462]



## FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

### PERMIT TO OPERATE

Permit No. F98296  
A/N 434292  
(continued)

- 8) THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES THAT ARE PART OF BULK LOADING AND UNLOADING RACK NOS. 3, 4 AND 5:
- A. ALL VALVES SHALL BE BELLOW-SEAL VALVES EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), SPECIAL APPLICATION VALVES WITH SPACE LIMITATION, AND VALVES NOT COMMERCIALY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT.
  - B. ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKING THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORDS.
  - C. THE OPERATOR SHALL PROVIDE THE FOLLOWING INFORMATION TO THE DISTRICT NO LATER THAN 60 DAYS AFTER INITIAL STARTUP:
    - a. PROCESS AND INSTRUMENTATION DIAGRAMS (OR SOME OTHER EQUIVALENT DISTRICT-APPROVED DIAGRAMS) THAT IDENTIFY ALL VALVES. ALONG WITH THE DIAGRAMS, THE OPERATOR SHALL PROVIDE A LISTING OF ALL VALVES CATEGORIZED BY LOCATION, TYPE, SIZE, ACCESSIBILITY AND SERVICE; AND,
    - b. A RECALCULATION OF FUGITIVE EMISSIONS BASED ON ACTUAL FUGITIVE COMPONENTS INSTALLED AND REMOVED FROM SERVICE. ALL VALVES SHALL BE CATEGORIZED BY SIZE AND SERVICE. THE OPERATOR SHALL SUBMIT A LISTING OF ALL NON-BELLOWS SEAL VALVES CATEGORIZED BY TAG NUMBER, TYPE, SIZE, BODY MATERIAL, SERVICE, OPERATING TEMPERATURE, OPERATING PRESSURE AND REASON(S) WHY BELLOWS SEAL VALVES WERE NOT USED.
  - D. ALL FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.
  - E. ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM<sub>v</sub>, BUT LESS THAN 1,000 PPM<sub>v</sub>, MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM<sub>v</sub>, OR GREATER, SHALL BE REPAIRED ACCORDING TO RULE 1173.



## FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

### PERMIT TO OPERATE

Permit No. F98296  
A/N 434292  
(continued)

- F. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM<sub>v</sub> ABOVE BACKGROUND.
- G. THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND REINSPECTIONS, IF ANY, SHALL BE MAINTAINED FOR TWO YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 1173; RULE 1303(a)(1)-BACT]

- 9) IN ADDITION TO THE RECORDS REQUIRED IN RULE 462, RECORDS SHALL BE MAINTAINED TO DEMONSTRATE COMPLIANCE WITH THE CONDITIONS ON THIS PERMIT. THESE RECORDS SHALL BE MAINTAINED FOR A PERIOD OF AT LEAST FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 462]

- 10) THE OPERATOR SHALL IMPLEMENT A RULE 1173 INSPECTION AND MAINTENANCE PROGRAM. THE OPERATOR SHALL MAINTAIN INSPECTION AND REPAIR RECORDS FOR A PERIOD OF AT LEAST FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THIS CONDITION IS INTENDED TO ENSURE COMPLIANCE WITH BEST AVAILABLE TECHNOLOGY REQUIREMENTS.

[RULE 1173; RULE 1303(a)(1)-BACT]

#### Periodic Monitoring

NONE

#### Emissions And Requirements:

- 11) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS

TOC: 35 MG/L, 40CFR 60 Subpart XX  
VOC: 0.08 LBS/1000 GAL, RULE 462  
VOC: 0.065 LBS/1000 GAL, RULE 1303(b)(2) Offsets



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. F98295  
A/N 434293**

**Equipment Description:**

**BULK LOADING AND UNLOADING RACK, NO. 3 CONSISTING OF:**

1. SIX BOTTOM LOADING ARMS, 0'-4" DIA. EACH.
2. TWO VAPOR RETURN LINES, VENTING TO A VAPOR RECOVERY SYSTEM, 0'-4" DIA. EACH.
3. SIX METERS.
4. SEVEN LOADING PUMPS, NOS. P-1 THROUGH P-7 (COMMON TO MARINE TERMINAL, AND RACK NOS. 3, 4 AND 5), CENTRIFUGAL, EACH WITH A MECHANICAL SEAL, 75-H.P. EACH.
5. LOADING PUMP NO. P-10 (COMMON TO RACK NO. 3, 4 AND 5), CENTRIFUGAL, WITH A MECHANICAL SEAL, 75-H.P.
6. DIESEL UNLOADING PUMP NOS. P-20 AND P-21 (COMMON TO RACK NO. 3, 4 AND 5), CENTRIFUGAL, EACH WITH A MECHANICAL SEAL, 10-H.P. EACH.

**Conditions**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
  
[RULE 204]
- 3) THE EMISSION LIMITS IDENTIFIED IN SECTION D AND H OF THE PERMIT SHALL BE DEFINED AS EMISSIONS DISCHARGED TO THE ATMOSPHERE ORIGINATED FROM THE EQUIPMENT.  
  
[RULE 204]
- 4) THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO A VAPOR RECOVERY SYSTEM WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO CONSTRUCT OR OPERATE BY THE EXECUTIVE OFFICER.  
  
[RULE 1303(a)(1)-BACT; 40CFR60 SUBPART XX]



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. F98295  
A/N 434293  
(continued)**

- 5) THE OPERATOR SHALL LIMIT THE TOTAL COMBINED THROUGHPUT FOR LOADING RACKS 3, 4, AND 5 TO NO MORE THAN 1,540,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL COMBINED ANNUAL THROUGHPUT SHALL INCLUDE, BUT NOT BE LIMITED TO, PETROLEUM DISTILLATES AND GASOLINE BLENDING COMPONENTS (INCLUDING OXYGENATES SUCH AS ETHANOL) HAVING A VAPOR PRESSURE OF 1.5 PSIA OR GREATER. IN ADDITION:
- A. THE VOC EMISSION LIMIT FOR LOADING RACK NOS. 3, 4, AND 5 SHALL NOT EXCEED 0.065 LBS/1000 GALLONS LOADED. THE OPERATOR SHALL MAINTAIN THROUGHPUT AND CEMS RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
  - B. THE OPERATOR SHALL INSTALL AND MAINTAIN A(N)FLOW METER TO ACCURATELY INDICATE THE FLOW RATE OF THE LOADING RACKS. THE OPERATOR SHALL USE A TOTALIZING FLOW METER TO COMPLY WITH THIS CONDITION.
- [RULE 1303(b)(2)-Offset]
- 6) THE OPERATOR SHALL LIMIT THE TOTAL COMBINED FACILITY THROUGHPUT TO NO MORE THAN 14,600,000 BARRELS IN ANY ONE YEAR. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL COMBINED ANNUAL THROUGHPUT SHALL INCLUDE, BUT NOT BE LIMITED TO, PETROLEUM DISTILLATES AND GASOLINE BLENDING COMPONENTS (INCLUDING OXYGENATES SUCH AS ETHANOL) HAVING A VAPOR PRESSURE OF 1.5 PSIA OR GREATER, THAT ARE LOADED AND UNLOADED FROM/TO MARINE VESSELS, MATERIALS UNLOADED FROM TANK TRUCK/TANK CARS, AND MATERIALS RECEIVED THROUGH PIPELINES.
- [RULE 1303(b)(2)-Offset]
- 7) THIS LOADING RACK SHALL NOT BE OPERATED UNLESS THE VAPORS ARE VENTED TO AIR POLLUTION CONTROL EQUIPMENT CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD.
- [RULE 462]



## FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

### PERMIT TO OPERATE

Permit No. F98295  
A/N 434293  
(continued)

- 8) THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES THAT ARE PART OF BULK LOADING AND UNLOADING RACK NOS. 3, 4 AND 5:
- A. ALL VALVES SHALL BE BELLOW-SEAL VALVES EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), SPECIAL APPLICATION VALVES WITH SPACE LIMITATION, AND VALVES NOT COMMERCIALY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT.
  - B. ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKING THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORDS.
  - C. THE OPERATOR SHALL PROVIDE THE FOLLOWING INFORMATION TO THE DISTRICT NO LATER THAN 60 DAYS AFTER INITIAL STARTUP:
    - a. PROCESS AND INSTRUMENTATION DIAGRAMS (OR SOME OTHER EQUIVALENT DISTRICT-APPROVED DIAGRAMS) THAT IDENTIFY ALL VALVES. ALONG WITH THE DIAGRAMS, THE OPERATOR SHALL PROVIDE A LISTING OF ALL VALVES CATEGORIZED BY LOCATION, TYPE, SIZE, ACCESSIBILITY AND SERVICE: AND,
    - b. A RECALCULATION OF FUGITIVE EMISSIONS BASED ON ACTUAL FUGITIVE COMPONENTS INSTALLED AND REMOVED FROM SERVICE. ALL VALVES SHALL BE CATEGORIZED BY SIZE AND SERVICE. THE OPERATOR SHALL SUBMIT A LISTING OF ALL NON-BELLOWS SEAL VALVES CATEGORIZED BY TAG NUMBER, TYPE, SIZE, BODY MATERIAL, SERVICE, OPERATING TEMPERATURE, OPERATING PRESSURE AND REASON(S) WHY BELLOWS SEAL VALVES WERE NOT USED.
  - D. ALL FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.
  - E. ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM<sub>v</sub>, BUT LESS THAN 1,000 PPM<sub>v</sub>, MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM<sub>v</sub>, OR GREATER, SHALL BE REPAIRED ACCORDING TO RULE 1173.



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. F98295  
A/N 434293  
(continued)**

- F. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM<sub>v</sub> ABOVE BACKGROUND.
- G. THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND REINSPECTIONS, IF ANY, SHALL BE MAINTAINED FOR TWO YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 1173; RULE 1303(a)(1)-BACT]

- 9) IN ADDITION TO THE RECORDS REQUIRED IN RULE 462, RECORDS SHALL BE MAINTAINED TO DEMONSTRATE COMPLIANCE WITH THE CONDITIONS ON THIS PERMIT. THESE RECORDS SHALL BE MAINTAINED FOR A PERIOD OF AT LEAST FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 462]

- 10) THE OPERATOR SHALL IMPLEMENT A RULE 1173 INSPECTION AND MAINTENANCE PROGRAM. THE OPERATOR SHALL MAINTAIN INSPECTION AND REPAIR RECORDS FOR A PERIOD OF AT LEAST FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THIS CONDITION IS INTENDED TO ENSURE COMPLIANCE WITH BEST AVAILABLE TECHNOLOGY REQUIREMENTS.

[RULE 1173; RULE 1303(a)(1)-BACT]

**Periodic Monitoring**

NONE

**Emissions And Requirements:**

- 11) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS

TOC: 35 MG/L, 40CFR 60 Subpart XX  
VOC: 0.08 LBS/1000 GAL, RULE 462  
VOC: 0.065 LBS/1000 GAL, RULE 1303(b)(2) Offsets



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. G1486  
A/N 436991**

**Equipment Description:**

STORAGE TANK NO. 100001, 140'-0" DIA. X 54'-0" H., 140,000 BBL CAPACITY, RIVETED SHELL, PONTOON TYPE, EXTERNAL FLOATING ROOF, GEODESIC DOMED, GASOLINE, DIESEL, ETHANOL, NAPHTHA, ALKYLATE, AND JET FUEL, WITH A CATEGORY A LIQUID MOUNTED MECHANICAL SHOE PRIMARY SEAL, AND A RIM MOUNTED CATEGORY B COMPRESSION PLATE WIPER SECONDARY SEAL, WITH A VAPOR RECOVERY DEGASSING SYSTEM CONNECTION.

**Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
  
[RULE 204]
- 3) THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 560,000 BARRELS IN ANY ONE CALENDAR MONTH, IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:
  - A. THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION:  $V/H$  (SUBSCRIPT: a), WHERE V IS THE VOLUME OF THE TANK IN BARRELS BASED ON THE MOST RECENT VERSION OF THE API STANDARD 2550, H (SUBSCRIPT: t) IS THE HEIGHT OF THE TANK STRAPPING CHART AND H (SUBSCRIPT: a) IS THE TOTAL VERTICAL ONE-WAY LIQUID SURFACE LEVEL IN FEET PER MONTH.
  - B. THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE EVERY 15 MINUTES.
  - C. THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY MOVEMENT, IN FEET, ON A MONTHLY BASIS.



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. G1486  
A/N 436991  
(continued)**

- D. THE OPERATOR SHALL INSTALL AND VERIFY THE ATLG ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8 PERCENT, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS, PRIOR TO THE DISCOVERY OF THE DISCREPANCY.
- E. IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE TIME THE ATLG WENT OUT OF SERVICE.
- F. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT, TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.

[RULE 1303(b)(2)-Offset, RULE 1401]

- 4) THIS TANK SHALL NOT BE VENTED THROUGH THE DEGASSING VAPOR LINE UNLESS THE VAPOR RECOVERY SYSTEM DESIGNED FOR THIS SERVICE HAS BEEN ISSUED A PERMIT TO CONSTRUCT OR PERMIT TO OPERATE BY THE EXECUTIVE OFFICER, AND IS IN FULL USE.

[RULE 204, RULE 1149, RULE 1303(a)(1)-BACT]

- 5) THE ORGANIC VAPOR CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF SHALL NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MEASURE THE CONCENTRATION OF THE VAPOR SPACE BETWEEN THE FLOATING ROOF AND GEODESIC DOME IN TERMS OF LOWER EXPLOSIVE LIMIT AT LEAST TWO TIMES A YEAR AT INTERVALS OF 4 TO 8 MONTHS.

[RULE 1178]

- 6) THE OPERATOR SHALL COMPLY WITH ALL THE APPLICABLE REQUIREMENTS OF THE DISTRICT'S RULE 1149 WHEN CLEANING OR DEGASSING THIS EQUIPMENT.

[RULE 1149]



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. G1486  
A/N 436991  
(continued)**

- 7) THE OPERATOR SHALL ONLY VENT THIS EQUIPMENT TO THE VAPOR RECOVERY SYSTEM DURING DEGASSING OPERATIONS AND TANK REFILLING UNTIL THE ROOF IS FLOATING. THE VAPOR COLLECTION SYSTEM CONNECTION TO THIS TANK SHALL REMAIN CLOSED EXCEPT DURING TANK DEGASSING AND REFILLING UNTIL THE ROOF IS FLOATING. SIMULTANEOUS VENTING FROM MORE THAN ONE TANK AT A TIME SHALL NOT BE ALLOWED.

[RULE 1149, RULE 1303(a)(1)-BACT]

- 8) IN ADDITION TO THOSE RECORDS REQUIRED BY RULE 463, 1149, AND 1178. THE OPERATOR SHALL ALSO MAINTAIN RECORDS FOR TYPE OF PRODUCT STORED, ITS THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITION FOR A PERIOD OF AT LEAST FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 463, RULE 1149, RULE 1178]

**Periodic Monitoring**

NONE

**Emissions and Requirements:**

- 9) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463  
VOC: RULE 1149  
VOC: RULE 1178  
VOC/TOC: 40CFR60, SUBPART Kb



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. G1487  
A/N 436994**

**Equipment Description:**

STORAGE TANK NO. 100002, 140'-0" DIA. X 54'-0" H., 140,000 BBL CAPACITY, WELDED SHELL, PONTOON TYPE, EXTERNAL FLOATING ROOF, GEODESIC DOMED, GASOLINE, DIESEL, ETHANOL, NAPHTHA, ALKYLATE, AND JET FUEL, WITH A CATEGORY A LIQUID MOUNTED MECHANICAL SHOE PRIMARY SEAL, AND A RIM MOUNTED CATEGORY B COMPRESSION PLATE WIPER SECONDARY SEAL, WITH A VAPOR RECOVERY DEGASSING SYSTEM CONNECTION.

**Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
  
[RULE 204]
- 3) THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 560,000 BARRELS IN ANY ONE CALENDAR MONTH, IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:
  - A. THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION:  $V/H$  (SUBSCRIPT: a), WHERE V IS THE VOLUME OF THE TANK IN BARRELS BASED ON THE MOST RECENT VERSION OF THE API STANDARD 2550, H (SUBSCRIPT: 1) IS THE HEIGHT OF THE TANK STRAPPING CHART AND H (SUBSCRIPT: a) IS THE TOTAL VERTICAL ONE-WAY LIQUID SURFACE LEVEL IN FEET PER MONTH.
  - B. THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE EVERY 15 MINUTES.
  - C. THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY MOVEMENT, IN FEET, ON A MONTHLY BASIS.



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. G1487  
A/N 436994  
(continued)**

- D. THE OPERATOR SHALL INSTALL AND VERIFY THE ATLG ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8 PERCENT, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS, PRIOR TO THE DISCOVERY OF THE DISCREPANCY.
- E. IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE TIME THE ATLG WENT OUT OF SERVICE.
- F. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT, TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.

[RULE 1303(b)(2)-Offset, RULE 1401]

- 4) THIS TANK SHALL NOT BE VENTED THROUGH THE DEGASSING VAPOR LINE UNLESS THE VAPOR RECOVERY SYSTEM DESIGNED FOR THIS SERVICE HAS BEEN ISSUED A PERMIT TO CONSTRUCT OR PERMIT TO OPERATE BY THE EXECUTIVE OFFICER, AND IS IN FULL USE.

[RULE 204, RULE 1149, RULE 1303(a)(1)-BACT]

- 5) THE ORGANIC VAPOR CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF SHALL NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MEASURE THE CONCENTRATION OF THE VAPOR SPACE BETWEEN THE FLOATING ROOF AND GEODESIC DOME IN TERMS OF LOWER EXPLOSIVE LIMIT AT LEAST TWO TIMES A YEAR AT INTERVALS OF 4 TO 8 MONTHS.

[RULE 1178]

- 6) THE OPERATOR SHALL COMPLY WITH ALL THE APPLICABLE REQUIREMENTS OF THE DISTRICT'S RULE 1149 WHEN CLEANING OR DEGASSING THIS EQUIPMENT.

[RULE 1149]



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. G1487  
A/N 436994  
(continued)**

- 7) THE OPERATOR SHALL ONLY VENT THIS EQUIPMENT TO THE VAPOR RECOVERY SYSTEM DURING DEGASSING OPERATIONS AND TANK REFILLING UNTIL THE ROOF IS FLOATING. THE VAPOR COLLECTION SYSTEM CONNECTION TO THIS TANK SHALL REMAIN CLOSED EXCEPT DURING TANK DEGASSING AND REFILLING UNTIL THE ROOF IS FLOATING. SIMULTANEOUS VENTING FROM MORE THAN ONE TANK AT A TIME SHALL NOT BE ALLOWED.

[RULE 1149, RULE 1303(a)(1)-BACT]

- 8) IN ADDITION TO THOSE RECORDS REQUIRED BY RULE 463, 1149, AND 1178. THE OPERATOR SHALL ALSO MAINTAIN RECORDS FOR TYPE OF PRODUCT STORED, ITS THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITION FOR A PERIOD OF AT LEAST FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 463, RULE 1149, RULE 1178]

**Periodic Monitoring**

NONE

**Emissions and Requirements:**

- 9) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463  
VOC: RULE 1149  
VOC: RULE 1178  
VOC/TOC: 40CFR60, SUBPART Kb



## FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

### PERMIT TO OPERATE

Permit No. F98294  
A/N 468127

#### Equipment Description:

BULK LOADING AND UNLOADING MARINE TERMINAL CONSISTING OF:

1. TWO LOADING AND UNLOADING ARMS, 0'-8" DIA. EACH, LOCATED AT BERTH 82.
2. TWO LOADING AND UNLOADING ARMS, 0'-8" DIA. EACH, LOCATED AT BERTH 83.
3. SEVEN LOADING PUMPS, NOS. P-1 THROUGH P-7 (COMMON TO MARINE TERMINAL, AND RACK NOS. 3, 4 AND 5), CENTRIFUGAL, EACH WITH A MECHANICAL SEAL, 75-H.P. EACH.
4. SHIPPING PUMP NO. P-8, CENTRIFUGAL, WITH A MECHANICAL SEAL, 75-H.P.
5. SHIPPING PUMP NO. P-9, CENTRIFUGAL, WITH A MECHANICAL SEAL, 500-H.P.

#### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
  
[RULE 204]
- 3) THE EMISSION LIMITS IDENTIFIED IN SECTION D AND H OF THE PERMIT SHALL BE DEFINED AS EMISSIONS DISCHARGED TO THE ATMOSPHERE ORIGINATED FROM THE EQUIPMENT.  
  
[RULE 204]
- 4) THE OPERATOR SHALL LIMIT THE TOTAL COMBINED FACILITY THROUGHPUT TO NO MORE THAN 14,600,000 BARRELS IN ANY ONE CALENDAR YEAR. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL COMBINED ANNUAL THROUGHPUT SHALL INCLUDE, BUT NOT BE LIMITED TO, PETROLEUM DISTILLATES AND GASOLINE BLENDING COMPONENTS (INCLUDING OXYGENATES SUCH AS ETHANOL) HAVING A VAPOR PRESSURE OF 1.5 PSIA OR GREATER, THAT ARE LOADED AND UNLOADED FROM/TO MARINE VESSELS, MATERIALS UNLOADED FROM TANK TRUCK/TANK CARS, AND MATERIALS RECEIVED THROUGH PIPELINES.

[RULE 1303 (b)(2) Offsets]



## FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

### PERMIT TO OPERATE

Permit No. F98294  
A/N 468127  
(continued)

- 5) THE OPERATOR SHALL LIMIT THE NUMBER OF OCEAN-GOING VESSEL VISITS AT THIS TERMINAL TO NO MORE THAN 24 SHIPS IN ANY ONE CALENDAR YEAR. FOR THE PURPOSES OF COMPLYING WITH THE LIMITS ON OCEAN-GOING VESSEL VISITS, BARGE VISITS TO THE TERMINAL WILL BE CONVERTED TO SHIP EQUIVALENT VISITS IN ACCORDANCE WITH THE FOLLOWING FORMULA:

$$\text{SHIP EQUIVALENT VISITS} = \frac{\text{BETH}}{(21798)}$$

WHERE,

BETH = BARGE ENGINE TOTAL COMBINED HORSEPOWER (MAIN & AUXILIARY ENGINES)

BARGES INCLUDES OCEAN-GOING TUGBOATS AND INTEGRATED/ARTICULATED TUG AND BARGE VESSELS. THE SUM OF SHIP VISITS AND SHIP EQUIVALENT VISITS (I.E. BARGES) SHALL NOT EXCEED 24 IN ANY ONE CALENDAR YEAR.

[RULE 1303(b)(2)-Offset]

#### Periodic Monitoring

- 6) THE OPERATOR SHALL KEEP RECORDS TO DEMONSTRATE COMPLIANCE WITH ALL CONDITIONS OF THIS PERMIT.

FOR THE PURPOSES OF COMPLYING WITH CONDITION NO. 5, THE OPERATOR SHALL KEEP RECORDS OF THE ENGINE SIZE (I.E. MAIN AND AUXILIARY ENGINES) AND TYPE OF OCEAN-GOING VESSELS ACCESSING THE TERMINAL. THE RECORDS SHALL INDICATE THE NUMBER OF SHIP VISITS AND SHIP EQUIVALENT VISITS FOR EACH CALENDAR MONTH AND THE TOTAL CUMULATIVE YEAR-TO-DATE SHIP VISITS AND SHIP EQUIVALENT VISITS FOR THE PRESENT CALENDAR YEAR. THE RECORDS SHALL ALSO INCLUDE ALL DATA AND CALCULATIONS USED TO DETERMINE SHIP VISITS AND SHIP EQUIVALENT VISITS. THE RECORDS KEPT TO COMPLY WITH CONDITION NO. 4 SHALL BE KEPT IN A FORMAT APPROVED BY THE AQMD.

ALL RECORDS REQUIRED BY THIS CONDITION SHALL BE RETAINED ON SITE FOR A PERIOD OF FIVE YEARS, AND MADE AVAILABLE UPON THE REQUEST OF AQMD PERSONNEL.

[RULE 3004(a)(4)-Periodic Monitoring]

#### Emissions And Requirements:

- 7) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: 2 LBS/1000 BBLS, RULE 1142  
VOC: 40CFR 63 SUBPART Y



## FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

### PERMIT TO OPERATE

Permit No. G4538  
A/N 496153

#### Equipment Description:

STORAGE TANK, TK-10, INTERNAL FLOATING ROOF, WELDED SHELL, 50,000 BARREL CAPACITY, 78'-0" DIA. X 64'-0" H., WITH A PONTOON INTERNAL FLOATING ROOF, A METALLIC SHOE TYPE PRIMARY SEAL, A WIPER TYPE SECONDARY SEAL, AND A VAPOR RECOVERY DEGASSING CONNECTION.

#### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
  
[RULE 204]
- 3) THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 300,000 BARREL(S) IN ANY ONE MONTH.

FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS GASOLINE, ETHANOL, DIESEL, GASOLINE BLENDING COMPONENTS, JET FUEL, NAPHTHA, ALKYLATES, AND OXYGENATES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION:  $[V / H(\text{SUBSCRIPT: } t)] \times H(\text{SUBSCRIPT: } a)$ , WHERE V IS THE VOLUME OF THE TANK IN BARRELS, H(SUBSCRIPT: t) IS THE HEIGHT OF THE TANK IN FEET BASED ON TANK STRAPPING CHART AND H(SUBSCRIPT: a) IS THE TOTAL VERTICAL ONE-WAY LIQUID SURFACE LEVEL TRAVEL IN FEET PER MONTH. ALL MEASUREMENTS SHALL BE MADE IN ACCORDANCE WITH THE PROCEDURES PUBLISHED IN THE MOST RECENT EDITION OF THE AMERICAN PETROLEUM INSTITUTE MANUAL OF PETROLEUM MEASUREMENT STANDARDS.

AN AUTOMATIC TANK LEVEL GAUGE (ATLG) SHALL BE USED TO CONTINUOUSLY MONITOR AND RECORD THE LIQUID SURFACE LEVEL MOVEMENT. THE ATLG SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 0.8 PERCENT, THE ATLG SHALL BE REPAIRED. WHILE THE ATLG IS BEING REPAIRED, THROUGHPUT SHALL BE DETERMINED BY HOURLY TANK LEVEL DATA AVERAGED FOR THE PREVIOUS 30 DAYS, PRIOR TO THE DISCOVERY OF THE DISCREPANCY.



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. G4538  
A/N 496153  
(continued)**

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY LIQUID SURFACE LEVEL MOVEMENT, IN FEET, ON A MONTHLY BASIS.

FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS MONITORING AND RECORDING SHALL BE DEFINED AS ONCE PER HOUR.

[RULE 1303(b)(2)-Offset, 1401]

- 4) TANK CLEANING AND DEGASSING OPERATIONS SHALL COMPLY WITH THE DISTRICT'S RULE 1149, AND RECORDS OF OPERATION REQUIRED UNDER THIS RULE SHALL BE MAINTAINED FOR A PERIOD OF AT LEAST FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 1149]

- 5) THE OPERATOR SHALL ONLY VENT THIS EQUIPMENT TO THE VAPOR RECOVERY SYSTEM DURING DEGASSING OPERATIONS AND TANK REFILLING UNTIL THE ROOF IS FLOATING. THE VAPOR COLLECTION SYSTEM CONNECTION TO THIS TANK SHALL REMAIN CLOSED EXCEPT DURING TANK DEGASSING AND REFILLING UNTIL THE ROOF IS FLOATING. SIMULTANEOUS VENTING FROM MORE THAN ONE TANK AT A TIME SHALL NOT BE ALLOWED.

[RULE 1149; RULE 1303(a)(1)-BACT]

- 6) IN ADDITION TO THOSE RECORDS REQUIRED BY RULE 463, THROUGHPUT RECORDS SHALL BE MAINTAINED FOR A PERIOD OF AT LEAST FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 463]

**Periodic Monitoring**

NONE

**Emissions And Requirements:**

- 7) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS

VOC: RULE 463  
VOC: RULE 1178  
VOC: RULE 1149  
VOC: 40CFR60, SUBPART Kb



## FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

### PERMIT TO OPERATE

Permit No. G25888  
A/N 496876

#### Equipment Description:

BULK LOADING/UNLOADING RACK NO. 1 CONSISTING OF:

1. TWO UNLOADING CONNECTIONS, 0'-4"DIA. EACH
2. POSITIVE DISPLACEMENT PUMP, P-18, WITH A 15 HP ELECTRIC MOTOR
3. POSITIVE DISPLACEMENT PUMP, P-19, WITH A 15 HP ELECTRIC MOTOR
4. POSITIVE DISPLACEMENT PUMP, P-20, WITH A 10 HP ELECTRIC MOTOR
5. POSITIVE DISPLACEMENT PUMP, P-21, WITH A 10 HP ELECTRIC MOTOR
6. TWO BOTTOM LOADING ARMS, 0'4" DIA. EACH
7. TWO VAPOR COLLECTION HOSES TO ONE VAPOR RETURN LINE, VENTING TO A VAPOR RECOVERY SYSTEM, 0'-4" DIA.
8. TWO METERS
9. LOADING PUMPS, NOS. P-1 THROUGH P-10 (COMMON TO MARINE TERMINAL AND RACK NOS. 3, 4, AND 5), CENTRIFUGAL, EACH WITH A MECHANICAL SEAL, 75 HP EACH.

#### Conditions

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) LOADING OPERATIONS AT THIS EQUIPMENT SHALL BE LIMITED TO LOADING OF DIESEL AND BIODIESEL INTO TANK TRUCKS, AND DISPLACED VAPORS SHALL BE VENTED TO A VAPOR RECOVERY UNIT WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT BY THE AQMD.  
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSETS, 1401]
- 4) THE TOTAL COMBINED LOADING THROUGHPUT OF DIESEL OR BIODIESEL FROM THIS EQUIPMENT SHALL NOT EXCEED 617,142 BARRELS IN ANY ONE MONTH.  
[RULE 1303(b)(2)-Offset, 1401]



## FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

### PERMIT TO OPERATE

A/N 496876  
(continued)

- 5) THE TOTAL COMBINED UNLOADING THROUGHPUT OF ETHANOL AND NAPHTHA FROM THIS RACK SHALL NOT EXCEED 100,000 BARRELS IN ANY ONE MONTH.  
[RULE 1303(b)(2)-Offset]
- 6) THE OPERATOR SHALL KEEP THROUGHPUT RECORDS FOR AT LEAST FIVE YEARS. THESE RECORDS SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1303(b)(2)-Offset, 1401]
- 7) ALL NEW VALVES AND MAJOR COMPONENTS IN VOC SERVICE AS DEFINED IN RULE 1173, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173, SHALL BE DISTINCTLY IDENTIFIED FROM OTHER COMPONENTS THROUGH THEIR TAG NUMBER (e.g. NUMBERS ENDING IN THE LETTER "N") AND SHALL BE NOTED IN THE RECORDS.

ALL NEW FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL NEW VALVES AND FLANGES IN VOC SERVICE SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.

FOR ALL NEW FUGITIVE COMPONENTS IN VOC SERVICE, ANY LEAK GREATER THAN 100 PPM, MEASURED AS METHANE, ABOVE BACKGROUND, AS MEASURED USING EPA METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. COMPONENTS SHALL BE DEFINED AS ANY VALVE, FITTING, PUMP, COMPRESSOR, PRESSURE RELIEF VALVE, DIAPHRAGM, HATCH, SIGHT-GLASS, AND METER.

IF 98.0 PERCENT OR GREATER OF THE NEW (NON-BELLOWS-SEALED) VALVES AND THE NEW FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 100 PPM FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR SHALL REVERT TO A QUARTERLY INSPECTION PROGRAM WITH THE APPROVAL OF THE DISTRICT.

THE OPERATOR SHALL REVERT FROM QUARTERLY TO MONTHLY INSPECTION PROGRAM IF LESS THAN 98.0 PERCENT OF THE NEW (NON-BELLOWS SEAL) VALVES AND THE NEW FLANGE POPULATION IS FOUND TO LEAK GASEOUS OR LIQUID VOLATLE ORGANIC COMPOUNDS AT A RATE OF LESS THAN 100 PPM.

THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (AND QUARTERLY, WHERE APPLICABLE), SUBSEQUENT REPAIR, AND REINSPECTION, IN A MANNER APPROVED BY THE DISTRICT.  
[RULE 1173, 1303(b)(2)-OFFSET, 1401]



## FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

### Periodic Monitoring

- 8) THE OPERATOR SHALL INSTALL AND MAINTAIN FLOW METER(S) TO MEASURE AND RECORD DIESEL AND/OR BIODIESEL LOADING RATE.  
[RULE 1303(a)(1)-BACT, 3004(a)(4)]

### Emissions and Requirements:

- 9) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS
- VOC: 98.5%, RULE 1303(b)(2)-OFFSETS  
VOC: 234 LBS/MONTH, RULE 1313(g)-EMISSION LIMITATION



## FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

### PERMIT TO OPERATE

Permit No. G4539  
A/N 497924

#### Equipment Description:

STORAGE TANK NO. 9, INTERNAL FLOATING ROOF, 22'-0" DIA. X 40'-0" H., 2500 BBL CAPACITY, WITH A VAPOR RECOVERY DEGASSING CONNECTION, WITH A FLOATING ROOF, PONTOON, WELDED SHELL, WITH A MECHANICAL SHOE PRIMARY SEAL, AND A RIM-MOUNTED SECONDARY SEAL.

#### Conditions

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THIS APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
  
[RULE 204]
- 3) THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUIDS HAVING A VAPOR PRESSURE OF 569 MM Hg (11 PSIA) OR GREATER UNDER ACTUAL OPERATING CONDITIONS.  
  
[RULE 1303(b)(2)-Offset, 40CFR60 SUBPART Ka]
- 4) THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL. THE HYDROCARBON CONCENTRATION SHALL NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT.  
  
[RULE 1178]
- 5) THIS TANK SHALL NOT BE VENTED THROUGH THE DEGASSING VAPOR LINE UNLESS THE VAPOR RECOVERY SYSTEM DESIGNED FOR THIS SERVICE HAS BEEN ISSUED A PERMIT TO CONSTRUCT OR PERMIT TO OPERATE BY THE EXECUTIVE OFFICER, AND IS IN FULL USE.  
  
[RULE 1149; RULE 1303(a)(1)-BACT]



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO OPERATE**

**Permit No. G4539  
A/N 497924  
(continued)**

- 6) THE OPERATOR SHALL ONLY VENT THIS EQUIPMENT TO THE VAPOR RECOVERY SYSTEM DURING DEGASSING OPERATIONS AND TANK REFILLING UNTIL THE ROOF IS FLOATING. THE VAPOR COLLECTION SYSTEM CONNECTION TO THIS TANK SHALL REMAIN CLOSED EXCEPT DURING TANK DEGASSING AND REFILLING UNTIL THE ROOF IS FLOATING. SIMULTANEOUS VENTING FROM MORE THAN ONE TANK AT A TIME SHALL NOT BE ALLOWED.

[RULE 1149; RULE 1303(a)(1)-BACT]

- 7) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TYPE OF PRODUCT STORED, ITS THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITIONS.

[RULE 463, 40 CFR60 SUBPART Ka]

**Periodic Monitoring**

NONE

**Emissions And Requirements:**

- 8) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463  
VOC: RULE 1178  
VOC: RULE 1149  
VOC: 40CFR60, SUBPART Ka



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO CONSTRUCT/OPERATE**

**Permit No. G19858  
A/N 528479  
Granted 8/16/2012**

**Equipment Description:**

ALTERATION OF AN EXISTING VAPOR RECOVERY SYSTEM, MCGILL INC., CARBON ADSORPTION/ABSORPTION TYPE, VACUUM REGENERATIVE TYPE (PRESSURE SWING REGENERATION), SERVING RACK NOS. 1, 3, 4, AND 5, AND SERVING TANK DEGASSING OPERATIONS (PREVIOUSLY PERMITTED UNDER A/N 499972, CONSISTING OF:

1. CARBON ADSORBER A, MCGILL INC., MODEL MR-1004, VACUUM REGENERATIVE TYPE, 6'-0" DIA. X 12'-0" H.
2. CARBON ADSORBER B, MCGILL INC., MODEL MR-1004, VACUUM REGENERATIVE TYPE, 6'-0" DIA. X 12'-0" H.
3. ABSORBER V-221, REGENERATIVE TYPE, 3'-0" DIA. X 17'-6"H.
4. SEPARATOR VESSEL V-220, 3'-6" DIA. X 8'-6"H.
5. UNDERGROUND KNOCKOUT POT, 4'-0" DIA. X 8'-0"H.
6. GASOLINE SUPPLY PUMP, CENTRIFUGAL, WITH A MECHANICAL SEAL, 10-H.P.
7. RETURN PUMP, CENTRIFUGAL, WITH A MECHANICAL SEAL, 10-H.P.
8. SUMP PUMP, 1.5-H.P.
9. VACUUM PUMP, 60-H.P.
10. ETHYLENE GLYCOL PUMP, 2-H.P.
11. COLLECTION BLOWER, 2-H.P., 225 CFM CAPACITY.
12. COLLECTION HEADER, 0'-8" DIA., WITH A 0'-6" DIA. BLINDED BRANCH CONNECTION FOR EACH TANK, CONNECTED TO THE EXISTING MCGILL VAPOR RECOVERY UNIT.
13. VACONOSEP VOC MEMBRANE SEPARATION UNIT VESSEL, BORSIG, WITH 8 MEMBRANE MODULES. AND WITH A TOTAL COMBINED SURFACE AREA OF 1547 SQ. FT.

BY THE ADDITION OF

CONTINUOUS MONITORING SYSTEM AS DESCRIBED UNDER A/N 528480 (RULE 462 PLAN)



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO CONSTRUCT/OPERATE**

**Permit No. G19858  
A/N 528479**

**(continued)**

**Conditions:**

- 1) CONSTRUCTION AND OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) THIS EQUIPMENT SHALL BE USED ONLY TO RECEIVE, RECOVER AND/OR DISPOSE OF VENT GASES ROUTED FROM LOADING AND UNLOADING RACK NOS. 1, 3, 4 AND 5, AND FROM TANK DEGASSING OPERATIONS.  
[RULE 1303(a)(1)-BACT, RULE 1149]
- 4) THE OPERATOR SHALL NOT USE THIS EQUIPMENT TO PROCESS VAPORS FROM TANK DEGASSING OR TANK REFILLING, AND VAPORS FROM LOADING RACK OPERATIONS, AT THE SAME TIME.  
[RULE 1303(a)(1)-BACT]
- 5) THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
  - A. THE OPERATOR SHALL OPERATE AND MAINTAIN A CONTINUOUS EMISSION MONITORING SYSTEM (CEMS) TO MEASURE THE TOTAL HYDROCARBON (THC) CONCENTRATION OF THE EXHAUST GAS OF THE VAPOR RECOVERY SYSTEM IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE RULE 462 PLAN APPLICATION (A/N 529480), UNLESS OTHERWISE NOTED BELOW.
  - B. THE THC CONCENTRATION OF THE EXHAUST GAS SHALL BE MEASURED IN PERCENT PROPANE OR EQUIVALENT PPMV.
  - C. PRIMARY SYSTEM  
THE OPERATOR SHALL SET THE RANGE OF THE STRIP CHART OR DIGITAL RECORDING DEVICE TO RECORD BETWEEN ZERO AND FIVE (5) PERCENT PROPANE BY VOLUME OR EQUIVALENT PPMV. THE CEMS SHALL BE CALIBRATED WITH PROPANE ON A DAILY BASIS. THE OPERATOR SHALL CALIBRATE THE CEMS IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS SUCH THAT THE OVERALL ACCURACY IS WITHIN  $\pm$  1 PERCENT.



## FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

### PERMIT TO CONSTRUCT/OPERATE

Permit No. G19858  
A/N 528479

(continued)

- D. **OPTIONAL SYSTEM**  
THE OPERATOR SHALL SET THE RANGE OF THE STRIP CHART TO RECORD BETWEEN ZERO AND TWO (2) PERCENT PROPANE BY VOLUME OR EQUIVALENT PPMV. THE CEMS SHALL BE CALIBRATED WITH PROPANE ON A DAILY BASIS. THE OPERATOR SHALL CALIBRATE THE CEMS IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS SUCH THAT THE OVERALL ACCURACY IS WITHIN  $\pm 1$  PERCENT.
- E. THE THC CONCENTRATION AT THE EXHAUST OF THE VAPOR RECOVERY SYSTEM, MEASURED BY THE CEMS, SHALL NOT EXCEED 1.90 PERCENT BY VOLUME, AS PROPANE ON AN INSTANTANEOUS BASIS. THE OPERATOR SHALL INSTALL AND MAINTAIN A VISIBLE AND AUDIBLE ALARM SERVING THE CEMS. THIS SYSTEM SHALL ALERT THE OPERATOR WHEN THE VOC CONCENTRATION REACHES 80 PERCENT OF THIS LIMIT (1.52 PERCENT BY VOLUME, AS PROPANE). THE OPERATOR SHALL SHUT DOWN THE LOADING RACKS WHEN THE 1.90 PERCENT LIMIT IS REACHED.
- F. THE THC CONCENTRATION AT THE EXHAUST OF THE VAPOR RECOVERY SYSTEM, MEASURED BY THE CEMS, SHALL NOT EXCEED 0.42 PERCENT BY VOLUME, AS PROPANE OR EQUIVALENT PPMV BASED ON A ROLLING 15 MINUTE AVERAGE.
- G. THE OPERATOR SHALL NOTIFY THE EXECUTIVE OFFICER, WITHIN 24 HOURS, IN THE EVENT OF A CONTINUOUS MONITORING SYSTEM (CEMS) OR RECORDER FAILURE, OR SHUTDOWN FOR REPAIR, WHICH EXCEEDS ONE HOUR. THE NOTIFICATION SHALL INCLUDE THE CAUSE AND TIME OF THE FAILURE, THE TIME THE CEMS AND RECORDER IS RETURNED TO OPERATION, MAINTENANCE OR CORRECTIVE WORK PERFORMED, AND ACTIONS TAKEN TO PREVENT SUCH FAILURES IN THE FUTURE. THE CEMS AND RECORDER SHALL BE RESTORED TO NORMAL OPERATION WITHIN 96 HOURS OF THE FAILURE.
- H. THE OPERATOR SHALL KEEP RECORDS TO SHOW COMPLIANCE WITH THE CONDITIONS ON THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED FOR A PERIOD OF AT LEAST FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
- I. ALL OF THE CONDITIONS SPECIFIED ABOVE ARE SUBJECT TO REVISION TO COMPLY WITH THE REQUIREMENTS OF ANY SUBSEQUENT RULE 462 PLAN TO BE ISSUED BY THE AQMD.



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO CONSTRUCT/OPERATE**

**Permit No. G19858  
A/N 528479**

**(continued)**

- J. EXCEPT FOR EMERGENCY CASES, THE SCAQMD SHALL BE NOTIFIED OF THE DATE AND TIME THAT THE DEGASSING WILL BE PERFORMED AT THIS LOCATION AT LEAST TWO WEEKS IN ADVANCE. NOTIFICATION SHALL BE MADE IN WRITING TO THE REFINERY TEAM IN THE OFFICE OF ENGINEERING AND COMPLIANCE.

[RULE 462, 1303(b)(1)-OFFSETS]

- 7) THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
- A. A SOURCE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSION RATE IN POUNDS PER 1,000 GALLONS LOADED.
  - B. THE TEST SHALL BE CONDUCTED AT LEAST ONCE VERY FIVE YEARS.
  - C. THE TEST SHALL BE CONDUCTED TO DEMONSTRATE THE OVERALL CONTROL EFFICIENCY FOR THE VAPOR RECOVERY SYSTEM.
  - D. THE TEST SHALL BE CONDUCTED TO DETERMINE THE BULK LOADING RATE IN GALLONS PER HOUR DURING THE SOURCE TEST.
  - E. THE DISTRICT SHALL BE NOTIFIED OF THE DATE AND TIME OF THE TEST AT LEAST 10 DAYS PRIOR TO THE TEST.
  - F. UPON COMPLETION OF THE SOURCE TEST, THE OPERATOR SHALL SUBMIT A COPY OF THE TEST REPORT NOT LATER THAN THIRTY DAYS FROM THE COMPLETION OF THE TEST.

[RULE 1303(b)(2)-OFFSETS]

- 8) THE OPERATOR SHALL INSTALL AND MAINTAIN A CONTINUOUS EMISSION MONITORING DEVICE TO ACCURATELY INDICATE THE VOC CONCENTRATION AT THE EXHAUST OF THIS SYSTEM. IN ADDITION:
- A. THE OPERATOR SHALL ALSO INSTALL AND MAINTAIN A DEVICE TO CONTINUOUSLY RECORD THE EMISSIONS BEING MONITORED.



**FACILITY PERMIT TO OPERATE  
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**(continued)**

- B. THE OPERATOR SHALL CALIBRATE THE EMISSION MONITORING DEVICE IN PERCENT BY VOLUME, AS PROPANE.
- C. THE EMISSION MONITORING DEVICE SHALL BE CALIBRATED ONCE EVERY SIX MONTH.
- D. WITHIN 180 DAYS OF COMPLETION OF CEMS INSTALLATION, TESTING OF THE CEMS FOR RELATIVE ACCURACY (RA) AND CALIBRATION DRIFT, AS DESCRIBED IN 40 CFR 60 APPENDIX B, SHALL BE CONDUCTED IN CONJUNCTION WITH A VAPOR SYSTEM PERFORMANCE TEST AS REQUIRED BY CONDITION 7. OF THIS PERMIT.

[RULE 462]

- 9) THE OPERATOR SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF RULE 462, RULE 1149, AND RULE 1173.  
[RULE 1149, RULE 1173, RULE 462]
- 10) THIS PERMIT TO CONSTRUCT SHALL EXPIRE AUGUST 15, 2013 UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER OR UNLESS THE EQUIPMENT HAS BEEN CONSTRUCTED AND THE OPERATOR HAS NOTIFIED THE EXECUTIVE OFFICER PRIOR TO THE OPERATION OF THE EQUIPMENT.  
[RULE 205]

**Periodic Monitoring:**

NONE

**Emissions And Requirements:**

- 11) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS
  - TOC: 35 MG/L, 40CFR 60 Subpart XX
  - VOC: 500 PPMv AS METHANE, RULE 1149
  - VOC: 0.08 LBS/1000 GAL GASOLINE, RULE 462
  - VOC: 0.065 LBS/1000 GAL GASOLINE, RULE 1303(b)(2) Offsets
  - VOC: 98.5% VOC EFFICIENCY, 1303(b)(2) Offsets



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO CONSTRUCT/OPERATE**

**Permit No. G24523  
A/N 546768**

**Equipment Description:**

**MODIFICATION OF:**

STORAGE TANK NO. 3, INTERNAL FLOATING ROOF, 140'-0" DIA. X 40'-0" H., 100,000 BBL CAPACITY, WITH A WELDED SHELL, A PONTOON INTERNAL FLOATING ROOF, AND A SINGLE PRIMARY SEAL, , CONNECTED TO A VAPOR RECOVERY DEGASSING SYSTEM, PREVIOUSLY PERMITTED UNDER A/N 246849:D63107

BY THE REPLACEMENT OF A LIQUID MOUNTED PRIMARY SEAL WITH A MECHANICAL SHOE TYPE PRIMARY SEAL AND

BY THE ADDITION OF SLOTS ON AN EXISTING UNSLOTTED GUIDEPOLE, A GAUGE FLOAT, AND A CATEGORY A, RIM MOUNTED SECONDARY SEAL

**Conditions:**

- 1) CONSTRUCTION AND OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

[RULE 204]

- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

[RULE 204]

- 3) THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 1,916,667 BARRELS PER MONTH OF PETROLEUM LIQUIDS AND/OR DISTILLATES, GASOLINE, GASOLINE BLENDING COMPONENTS (INCLUDING OXYGENATES SUCH AS ETHANOL), DIESEL, JET FUEL, AVIATION GASOLINE, TRANSMIX, BIODIESEL BLEND STOCK, BIODIESEL, AND JET KEROSENE NOT TO EXCEED THE FOLLOWING MONTHLY REID VAPOR PRESSURE LIMITS:

JANUARY AND FEBRUARY	13 PSIA
MARCH AND APRIL	11 PSIA
MAY THRU SEPTEMBER	7 PSIA
OCTOBER AND NOVEMBER	11 PSIA
DECEMBER	13 PSIA

[RULE 1303(b)(2)-Offset, RULE 1313(g)-Emission Limitations, RULE 1401, RULE 40CFR60 SUBPART Ka]



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO CONSTRUCT/OPERATE**

**Permit No. G24523  
A/N 546768  
(continued)**

- 4) THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL. THE HYDROCARBON CONCENTRATION SHALL NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT.  
  
[RULE 1178]
- 5) THIS TANK SHALL NOT BE VENTED THROUGH THE DEGASSING VAPOR LINE UNLESS THE VAPOR RECOVERY SYSTEM DESIGNED FOR THIS SERVICE HAS BEEN ISSUED A PERMIT TO CONSTRUCT OR A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER, AND IS IN FULL USE.  
  
[RULE 1149; RULE 1303(a)(1)-BACT]
- 6) THE OPERATOR SHALL ONLY VENT THIS EQUIPMENT TO THE VAPOR RECOVERY SYSTEM DURING DEGASSING OPERATIONS AND TANK REFILLING UNTIL THE ROOF IS FLOATING. THE VAPOR COLLECTION SYSTEM CONNECTION TO THIS TANK SHALL REMAIN CLOSED EXCEPT DURING TANK DEGASSING AND REFILLING UNTIL THE ROOF IS FLOATING. SIMULTANEOUS VENTING FROM MORE THAN ONE TANK AT A TIME SHALL NOT BE ALLOWED.  
  
[RULE 1149; RULE 1303(a)(1)-BACT]
- 7) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):  
  
TYPE OF PRODUCT STORED, ITS THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITIONS.  
  
[RULE 463, RULE 40 CFR 60 SUBPART Ka]
- 8) THIS PERMIT TO CONSTRUCT SHALL EXPIRE **MAY 22, 2014** UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.  
[RULE 204]

**Periodic Monitoring**

NONE



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**PERMIT TO CONSTRUCT/OPERATE**

**Permit No. G24523  
A/N 546768  
(continued)**

**Emissions and Requirements:**

- 9) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463  
VOC: RULE 1178  
VOC: RULE 1149  
VOC: 40 CFR 60 SUBPART Ka



## FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

### RULE 219 EQUIPMENT

#### Equipment Description:

RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS

#### Conditions

- 1) THE EMISSION LIMITS IDENTIFIED IN SECTION D AND H OF THE PERMIT SHALL BE DEFINED AS EMISSIONS DISCHARGED TO THE ATMOSPHERE ORIGINATED FROM THE EQUIPMENT.

[RULE 204]

- 2) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

FOR ARCHITECTURAL APPLICATIONS WHERE NO THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN SEMI-ANNUAL RECORDS FOR ALL COATING CONSISTING OF (A) COATING TYPE, (B) VOC CONTENT AS SUPPLIED IN GRAMS PER LITER (G/L) OF MATERIALS FOR LOW-SOLIDS COATINGS, (C) VOC CONTENT AS SUPPLIED IN G/L OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATINGS.

FOR ARCHITECTURAL APPLICATIONS WHERE THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN DAILY RECORDS FOR EACH COATING CONSISTING OF (A) COATING TYPE, (B) VOC CONTENT AS APPLIED IN GRAMS PER LITER (G/L) OF MATERIALS USED FOR LOW-SOLIDS COATINGS, (C) VOC CONTENT AS APPLIED IN G/L OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATINGS.

[RULE 1113, RULE 1171]

#### Periodic Monitoring

NONE

#### Emission Limits

- 3) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 1113      SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171      SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

**RULE 219 EQUIPMENT**

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS

**Conditions**

NONE

**Periodic Monitoring**

NONE

**Emission Limits and Requirements**

- 1) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

REFRIGERANTS: 40CFR 82 SUBPART F



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**FACILITY PERMIT TO OPERATE  
PETRO DIAMOND TERMINAL CO**

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**RULE 219 EQUIPMENT**

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED;  
HANDWIPING OPERATIONS.

**Conditions**

NONE

**Periodic Monitoring**

NONE

**Emission Limits and Requirements**

- 1) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 1122

VOC: RULE 1171 SEE APPENDIX B FOR EMISSION LIMITS.



## FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

### RULE 219 EQUIPMENT

#### Equipment Description:

RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX,  $\leq 53 \text{ FT}^3$ , WITH DUST A FILTER.

#### Conditions

- 1) THE EMISSION LIMITS IDENTIFIED IN SECTION D AND H OF THE PERMIT SHALL BE DEFINED AS EMISSIONS DISCHARGED TO THE ATMOSPHERE ORIGINATED FROM THE EQUIPMENT.

[RULE 204]

- 2) EXCEPT FOR OPEN ABRASIVE BLASTING OPERATIONS, THE OPERATOR SHALL NOT DISCHARGE INTO THE ATMOSPHERE FROM ANY SINGLE SOURCE OF EMISSIONS WHATSOEVER ANY AIR CONTAMINANT FOR A PERIOD OR PERIODS AGGREGATING MORE THAN THREE MINUTES IN ANY ONE HOUR WHICH IS:

A. AS DARK OR DARKER IN SHADE AS THAT DESIGNATED NO. 1 ON THE RINGELMANN CHART, AS PUBLISHED BY THE UNITED STATES BUREAU OF MINES; OR

B. OF SUCH OPACITY AS TO OBSCURE AN OBSERVER'S VIEW TO A DEGREE EQUAL TO OR GREATER THAN DOES SMOKE DESCRIBED IN SUBPARAGRAPH (A) OF THIS CONDITION.

[RULE 401]

#### Periodic Monitoring

- 1) THE OPERATOR SHALL PERFORM ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA, AND IMPROPERLY INSTALLED FILTER MEDIA.

[RULE 1140, RULE 3004(a)(4)-Periodic Monitoring]

- 2) THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED, THE OPERATOR SHALL TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT.



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### RULE 219 EQUIPMENT

#### ABRASIVE BLASTING EQUIPMENT (continued)

2) (continued)

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;  
AND
- C. DATE AND TIME VISIBLE EMISSIONS WERE ABATED.

[RULE 1140, RULE 3004(a)(4)-Periodic Monitoring]

3) THE OPERATOR SHALL DISCHARGE DUST COLLECTED IN THIS EQUIPMENT ONLY INTO CLOSED CONTAINERS.

[RULE 1140, RULE 3004(a)(4)-Periodic Monitoring]

#### Emission Limits

4) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 1140	SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 404	SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 405	SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE  
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**Permit to Construct and Temporary Permit to Operate  
(Section H)**

This section consists of a table listing all individual Permits to Construct issued to various equipment at the facility. Each permit will list operating conditions, including periodic monitoring requirements and applicable emission limits and requirements. Also included are the rule origin and authority of each emission limit and permit condition.



**FACILITY PERMIT TO OPERATE  
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**PERMITTED EQUIPMENT LIST**

THE FOLLOWING IS A LIST OF ALL PERMITS TO CONSTRUCT AT THIS FACILITY:

NONE

**NOTE:** EQUIPMENT LISTED ABOVE ARE ISSUED PERMITS TO CONSTRUCT. THE ISSUANCE OR DENIAL OF THEIR PERMITS TO OPERATE IS SUBJECT TO ENGINEERING FINAL REVIEW. ANY OTHER APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT WILL NOT BE FOUND IN THIS TITLE V PERMIT.