



South Coast Air Quality Management District

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

March 21, 2014

Mr. Eric Conard
Manager – Env. & Bus. Dev.
Petro Diamond Terminal Co.
P.O. Box 19617
Irvine, CA 92623

Subject: Transmittal of Final Title V Permit (Renewal)

Facility ID	Facility Name	Address
800079	Petro Diamond Terminal Co.	1920 Lugger Way Long Beach, CA 90813

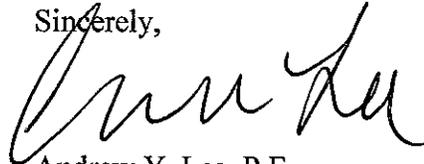
Dear Mr. Conard,

Enclosed is the final Title V permit renewal, for the facility listed above, that has been issued by the South Coast Air Quality Management District (AQMD). Effective March 23, 2014, this Title V permit supercedes the previous Title V Permit issued by the AQMD to Petro Diamond Terminal Co. (Facility ID 800079) most recently revised October 4, 2013.

The draft copy of this permit was submitted to EPA Region IX for a 45-day review period (January 31, 2014 to March 17, 2014) and made available for a 30-day public comment period (February 6, 2014 to March 10, 2014). The AQMD did not receive any comments on the draft permit.

Please review this facility permit carefully. If you determine that there are administrative errors in the permit, have any questions, or need additional information concerning this permit, please contact Linda Dejbakhsh at (909) 396-2614 within 30 days of the receipt of your permit.

Sincerely,



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

AYL:CDT:LLD
Enclosure

cc: (w/ enclosure)
Geraldo Rios, EPA Region IX
Compliance
Title V Central File
Title V Application File A/N 559582

(w/o enclosure)
Andrew Y. Lee
Mohan Balagopalan



FACILITY PERMIT TO OPERATE

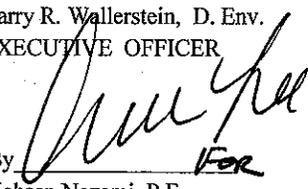
**PETRO DIAMOND TERMINAL CO
1920 LUGGER BERTH 83 WAY
LONG BEACH, CA 90813**

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

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: PETRO DIAMOND TERMINAL CO

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 1920 LUGGER BERTH 83 WAY
LONG BEACH, CA 90813-2634

MAILING ADDRESS: 1100 MAIN ST 2ND FLOOR
IRVINE, CA 92614

RESPONSIBLE OFFICIAL: MICHAEL DOUGHERTY

TITLE: VICE PRESIDENT

TELEPHONE NUMBER: (949) 553-0112

CONTACT PERSON: ERIC CONARD

TITLE: MANAGER - ENV & BUS DEV

TELEPHONE NUMBER: (949) 553-0112

TITLE V PERMIT ISSUED: March 23, 2014

TITLE V PERMIT EXPIRATION DATE: March 22, 2019

TITLE V	RECLAIM
YES	NOx: NO
	SOx: NO
	CYCLE: 0
	ZONE: COASTAL



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

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

NOT APPLICABLE



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

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)



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

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
246846	D63110	STORAGE TANK FX RF W/INT FLT GASOLINE (TK-6)	8
246847	D63109	STORAGE TANK FX RF W/INT FLT GASOLINE (TK-5)	10
246848	D63108	STORAGE TANK FX RF W/INT FLT GASOLINE (TK-4)	12
287859	F12519	WASTE OIL/WATER SEPARATOR (>=10,000 GPD)	14
340929	F23553	HYDROCARBONS MISC TREATING	16
392872	F54144	I C E (50-500 HP) EM FIRE FGHT-DIESEL	17
392874	F54487	Miscellaneous Bulk Unloading	19
434290	F98297	Bulk Load/Unload Rack (>200,000 gpd) (RACK NO. 5)	21
434292	F98296	Bulk Load/Unload Rack (>200,000 gpd) (RACK NO. 4)	25
434293	F98295	Bulk Load/Unload Rack (>200,000 gpd) (RACK NO. 3)	29
436991	G1486	STORAGE TANK W/ EXT FLOAT ROOF GASOLINE (NO. 100001)	33
436994	G1487	STORAGE TANK W/ EXT FLOAT ROOF GASOLINE (NO. 100002)	36
468127	F98294	MARINE BULK LDNG/UNLDN,PET MID DISTILL	39
496153	G4538	STORAGE TANK FX RF W/INT FLT GASOLINE (TK-10)	41
496876	G25888	BULK LOAD/UNLOAD RACK (>200,000 GPD)(RACK NO. 1)	43
497924	G4539	STORAGE TANK FX RF W/INT FLT GASOLINE (TK- 9)	46
528479	G19858	VAPOR RECOVERY UNIT - ACTIVATED CARBON ADSORBER W/ REGEN	48
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 MINOR SOURCE REQUIREMENTS OF 40CFR 63 SUBPART BBBBBB.

[40 CFR 63 SUBPART BBBBBB]

- 6) THE OPERATOR SHALL COMPLY WITH THE MINOR SOURCE 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**

PERMIT TO OPERATE

**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
PETRO DIAMOND TERMINAL CO**

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 and Requirements:

- 11) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
 - NOX + ROG: 7.8 GM/BHP-HR 40 CFR 60 SUBPART IIII
 - CO: 3.7 GM/BHP-HR 40 CFR 60 SUBPART IIII
 - PM: 0.6 GM/BHP-HR 40 CFR 60 SUBPART IIII
 - HAP: 40 CFR 63 SUBPART ZZZZ
 - 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



**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_v, BUT LESS THAN 1,000 PPM_v, MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM_v, 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_v 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 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_v, BUT LESS THAN 1,000 PPM_v, MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM_v, 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_v 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 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_v, BUT LESS THAN 1,000 PPM_v, MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM_v, 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_v 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: 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. 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



**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]



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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 OPERATE

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

Equipment Description:

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



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

PERMIT TO OPERATE

Permit No. G19858
A/N 528479

(continued)

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 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.



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(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 ± 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.



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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 EVERY SIXTY CALENDAR MONTHS.
 - 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 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 MAINTAIN A DEVICE TO CONTINUOUSLY RECORD THE EMISSIONS BEING MONITORED.



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- 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]

Periodic Monitoring:

NONE

Emissions and Requirements:

- 10) 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 OPERATE

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

Equipment Description:

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, A MECHANICAL SHOE TYPE PRIMARY SEAL, AND A RIM MOUNTED SECONDARY 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) 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]

- 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]



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PETRO DIAMOND TERMINAL CO**

PERMIT TO OPERATE

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

- 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]

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: 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



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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



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

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.



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

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 PETRO DIAMOND TERMINAL CO

SECTION E: ADMINISTRATIVE CONDITIONS

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
 - a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
 - b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been 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, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
 - c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions 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 and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

SECTION E: ADMINISTRATIVE CONDITIONS

5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation. [204]
6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least five years. [204]
7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]
 - a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134]
 - b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]
 - c. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]
 - d. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compounds which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO₂) and be averaged over 15 consecutive minutes; [407]
 - e. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO₂) at standard conditions and averaged over a minimum of 15 consecutive minutes. [409]



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

SECTION E: ADMINISTRATIVE CONDITIONS

- f. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O₂) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]
8. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]
 - a. Brief description of the equipment tested.
 - b. Brief process description, including maximum and normal operating temperatures, pressures, throughput, etc.
 - c. Operating conditions under which the test will be performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts and stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.
 - f. Description of calibration and quality assurance procedures.
 - g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (conflict of interest).
9. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD rules or equipment-specific conditions. The report shall contain the following information: [204]
 - a. The results of the source test.



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

SECTION E: ADMINISTRATIVE CONDITIONS

- b. Brief description of the equipment tested.
 - c. Operating conditions under which the test was performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts and stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Field and laboratory data forms, strip charts and analyses.
 - f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.
10. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]
 11. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182. [204]



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

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

NOT APPLICABLE



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

**SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR
RECLAIM SOURCES**

NOT APPLICABLE



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

**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
PETRO DIAMOND TERMINAL CO**

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.



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules specified below. The operator shall comply with all conditions specified in the approval of these plans.

Documents pertaining to the plan applications listed below are available for public review at AQMD Headquarters. Any changes to plan applications will require permit modification in accordance with Title V permit revision procedures.

List of approved plans:

Application	Rule
303108	463
528480	462

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.



**South Coast
AIR QUALITY MANAGEMENT DISTRICT**

21865 E. Copley Drive, Diamond Bar, CA 91765-4182 (909) 396-2000

July 7, 1995

ATTENTION: Pat Kennedy

COMPANY: Petro-Diamond Terminal Company
1920 Lugger Way
Long Beach, CA 90813

ID #: 001760

SUBJECT: Compliance Plan for Rule 463(e)(1)(A)

The Rule 463 Compliance Plan you submitted has been reviewed with the following results:

- [X] The information you submitted is complete and your COMPLIANCE AND MAINTENANCE PLAN is approved as submitted.
- [] The Plan you submitted is for more than one facility, please resubmit one Plan per facility.
- [] The tank inventory listed does not correspond with our records and needs correction.
- [] The tank inventory you listed does not include:
 - [] Tank Identification Number
 - [] Maximum Design Capacity
 - [] Product that will be stored
 - [] Shell Type
 - [] Dimensions
 - [] Seal Type and Manufacturer
 - [] Floating Roof Type
 - [] Date of Construction and Location
- [] You do not show any of your personnel as being a certified auditor, please indicate which company you have contracted to do your COMPLIANCE INSPECTION and indicate the names of the CERTIFIED AUDITOR(S).
- [] You did not include a self-inspection schedule.
- [] You did not include a copy of your company's SAFETY PROCEDURES USED FOR FLOATING ROOF TANKS.
- [] You did not submit the \$75.90 application fee required by Rule 306(c).
- [] Please resubmit this Plan with the above requested change(s) by _____.

Should you need additional information please contact Sonny Aurelio at (909) 396-3060 or Mira Schwab at (909) 396 3116.

Sincerely,

Mohsen Nazemi, P.E.
Senior Manager
Refinery, Energy and OCS
Stationary Source Compliance

Petro-Diamond Terminal Company

Floating Roof Tanks

Inspection & Maintenance Plan

Per SCAQMD Rule 463

Para (e)(1)(A)

Purpose:

The purpose of self-inspection of floating roof tanks is to insure that the floating roof seals are in compliance with SCAQMD rule 463, para (c) "Tank Roof Requirements", that tanks are not leaking fluid anywhere and tanks are in compliance with their respective permits.

Method of Inspection:

- SCAQMD rule 463 required tank inspections for PDTC will be done by a SCAQMD certified auditor. PDTC has contracted Matrix Service, Inc, 1441 South Anaheim, CA 92805, Phone No. (714) 533-7393 to provide SCAQMD required services.
- API 653 inspections will be on the following schedule:
 - External - Monthly by PDTC personnel
 - External - Triennial by Don Beattie Co.
 - Internal - Every 15 years or sooner if corrosion factors dictate.
By Don Beattie Co.

Schedule of Inspection:

All PDTC tank floating roof seals will be certified twice per year and after any floating roof is refloated after internal tank maintenance or cleaning. PDTC's tank seals will be inspected in June and December and internally while any tank floating roof tank is down for internal maintenance or cleaning. SCAQMD's form "Inspection Procedures and Compliance Form" will be utilized.

- Any PDTC floating roof tank which is emptied and degassed will have the primary and secondary seals inspected by a certified auditor of Matrix Service, Inc while the tank is empty, if tank floating roof is on maintenance legs. Any recommended seal maintenance will be accomplished

before the tank is returned to service. Gap measurements will be taken within 24 hours after external tank floating roof is refloated.

Notices:

SCAQMD and MATRIX Services, Inc shall be notified in writing at least 2 weeks prior to the start of any tank-emptying or roof-refloating operation for cleaning or maintenance of a tank.

Tank out of compliance:

- A tank out-of-compliance will be brought into compliance within 72 hours of determination of non-compliance.

Reporting and Recordkeeping Requirements:

- All inspections will be recorded on compliance inspection report forms as found in SCAQMD rule 463, Appendix B.
- All compliance inspection reports and documents will be submitted to the SCAQMD within 5 working days of completion of the self inspection.
- If a tank is determined to be in violation of the requirements of SCAQMD rule 463, a written report will be submitted to SCAQMD within 120 hours (5 days) of determination of non-compliance, indicating corrective actions taken to achieve compliance.
- All records of inspection and repair will be maintained at the facility for a period of three years and available to SCAQMD upon request.
- PDTC shall provide emissions information in a format consistent with SCAQMD rule 463, Attachment C to SCAQMD upon their request. This requirement applies to all organic liquid tanks
- PDTC will provide all upset emissions information associated with product change, repair, and turnover or any excess emission incidents.
- PDTC will maintain records of emissions data for all organic liquid storage tanks for the most recent two (2) year period.

Tank Locations: Tank locations at PDTC are noted in Attachment 2.

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Petro-Diamond Terminal Company

1920 Lugger Way

Long Beach, CA 90813

(310) 435-8364

PDTT FLOATING ROOF TANKS UNDER SCAQMD RULE 463(e)

INSPECTION AND MAINTENANCE PLAN

<u>TANK NUMBER</u>	<u>PERMIT NUMBER</u>	<u>Design Capacity</u>	<u>Shell Type</u>	<u>Dimensions</u>	<u>Seals</u>		<u>Roof Type</u>	<u>Date CONST</u>	<u>SEAL/TANK MANUFACTURE</u>
					<u>Primary</u>	<u>Secondary</u>			
1	M20534	109,000	Welded	140'dia x 40'h	LMFL/B*	SW*	PE*	1966	GATX
2	M20535	109,000	Welded	140'dia x 40'h	LMFL/B	SW	PE	1966	GATX
3	M25611	100,000	Welded	140'dia x 40'h	LMFL/B	-	PI*	1982	GATX
4	M25612	50,000	Welded	100'dia x 40'h	LMFL/B	-	PI	1982	GATX
5	M25613	20,000	Welded	63'dia x 40'h	LMFL/B	-	PI	1982	GATX
6	M25614	20,000	Welded	63'dia x 40'h	LMFL/B	-	PI	1982	GATX
7	M25615	20,000	Welded	63'dia x 40'h	LMFL/B	-	PI	1982	GATX
8	D63105	50,000	Welded	78'dia x 40'h	LMFL/B	-	PI	1991	BMT
9	M44992	2,500	Welded	22'dia x 64'h	LMFL/B	-	PI	1985	BMT

* LMFL/B = Liquid Mounted Foam Log/Bag * SW = Single Wiper

* PE = Pontoon Exterior * PI = Pontoon Interior

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ATTACHMENT 1

ATTACHMENT 1

RULE 462 COMPLIANCE PLAN
PETRO DIAMOND TERMINAL CO

Continuous Monitoring System (CMS) Equipment:

1. CONTINUOUS MONITORING SYSTEM (CMS) CONSISTING OF A DRAEGER HYDROCARBON ANALYZER, AN ALLEN BRADLEY PLC CONTROLLER, AND A TOUCH SCREEN/DATA RECORDER SERVING A MCGILL, INC. CARBON ADSORPTION SYSTEM (PRIMARY SYSTEM)
2. CONTINUOUS MONITORING SYSTEM CONSISTING OF A ZELLWEGER ANALYTICS OPTIMA PLUS GAS ANALYZER AND A FOXBORO, MODEL PR-RSE-1FK, STRIP CHART RECORDER SERVING A MCGILL, INC. CARBON ADSORPTION SYSTEM (OPTIONAL SYSTEM)

Conditions:

1. THE OPERATOR SHALL CONDUCT THE OPERATION OF THIS CMS IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE PLAN APPLICATION UNDER WHICH THIS APPROVAL IS GRANTED, UNLESS OTHERWISE NOTED BELOW.
2. THE CMS SHALL SAMPLE AND ANALYZE GAS FROM THE OUTLET OF THE CARBON CANISTERS TO ACCURATELY MEASURE THE TOTAL HYDROCARBON (THC) CONCENTRATION AT THE EXHAUST OF VAPOR RECOVERY UNIT.
3. THE CMS SHALL PROVIDE AND THE DATA RECORDER SHALL RETAIN THE INSTANTANEOUS THC CONCENTRATION AND A CONTINUOUS 15-MINUTE AVERAGE THC CONCENTRATION, MEASURED AT THE EXHAUST OF THE VAPOR RECOVERY UNIT.
4. THE OPERATOR SHALL MAINTAIN A DISPLAY OF THE THC CONCENTRATIONS IN A LOCATION ACCESSIBLE TO DISTRICT PERSONNEL.
5. DAILY CALIBRATION ERROR TESTS SHALL BE PERFORMED ON THE CMS AT THE LOW (0-20 PERCENT) AND HIGH (80-100 PERCENT) RANGES OF CONCENTRATION. THE CALIBRATION ERROR SHALL NOT EXCEED 2.5 PERCENT OF THE FULL SCALE RANGE.

RULE 462 COMPLIANCE PLAN
PETRO DIAMOND TERMINAL CO

6. TESTING OF THE CMS FOR RELATIVE ACCURACY (RA) AND CALIBRATION DRIFT, AS DESCRIBED IN 40 CFR 60 APPENDIX B, SHALL BE CONDUCTED IN CONJUNCTION WITH THE VAPOR RECOVERY SYSTEM PERFORMANCE TESTING REQUIRED BY THE PERMIT FOR THE VAPOR RECOVERY SYSTEM.
7. THE OPERATOR SHALL ENSURE THAT THE CMS IS PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES AND THAT IT MEETS APPLICABLE REQUIREMENTS OF 40 CFR 63.427 AND 40 CFR 60 APPENDIX B, SPECIFICATION 8. THE APPLICABILITY OF 40 CFR 63.427 IS PURSUANT TO AQMD RULE 462(F)(2) AND DOES NOT NECESSARILY IMPLY THAT THE FACILITY IS A MAJOR SOURCE OF HAZARDOUS AIR POLLUTANTS (HAP)S.
8. THE OPERATOR SHALL MAINTAIN THE RECORDING DEVICE IN PROPER OPERATION AT ALL TIMES SUCH THAT IT IS ACCURATELY SYNCHRONIZED WITH THE CORRECT TIME OF DAY.
9. THE RECORDING DEVICE SHALL ARCHIVE DATA IN A SECURE ENCRYPTED FORMAT TO NONVOLATILE DATA STORAGE. DATA SHALL BE RECORDED AT A FREQUENCY OF NOT LESS THAN ONCE PER MINUTE. THE RECORDER/SOFTWARE SHALL BE CAPABLE OF DISPLAYING AND PRINTING OUT PLOTS OF THE THC CONCENTRATION WITHIN 3 HOURS OF A REQUEST. WHERE EXTERNAL STORAGE MEDIA IS USED, IT SHALL BE REPLACED AT A SUFFICIENT FREQUENCY TO ENSURE THAT THE AMOUNT OF STORED DATA IS AT NO MORE THAN 90% OF THE STORAGE CAPACITY OF THE MEDIA.
10. THE RANGE OF THE STRIP CHART RECORDER IN THE BACKUP CEM SHALL BE SET SUCH THAT THE MAXIMUM HYDROCARBON CONCENTRATION, STATED IN THE PERMIT TO OPERATE OR PERMIT TO CONSTRUCT FOR THE VAPOR RECOVERY UNIT, IS BETWEEN 30% AND 90% OF FULL SCALE.
11. THE OPERATOR SHALL NOTIFY THE EXECUTIVE OFFICER, WITHIN 24 HOURS, IN THE EVENT OF A CMS OR RECORDER FAILURE OR SHUTDOWN FOR REPAIR, WHICH EXCEEDS ONE HOUR. THE NOTIFICATION SHALL INCLUDE THE CAUSE AND TIME OF THE FAILURE,

**RULE 462 COMPLIANCE PLAN
PETRO DIAMOND TERMINAL CO**

THE TIME THE RECORDER RETURNED TO OPERATION, MAINTENANCE OR CORRECTIVE WORK PERFORMED AND ACTIONS TAKEN TO PREVENT SUCH FAILURES IN THE FUTURE. THE CMS OR RECORDER SHALL BE RESTORED TO NORMAL OPERATION WITHIN 96 HOURS OF THE FAILURE.

12. THE OPERATOR SHALL KEEP RECORDS ON SITE TO SHOW COMPLIANCE WITH CONDITIONS OF THIS PLAN APPROVAL. SUCH RECORDS SHALL BE KEPT FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.



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

SECTION J: AIR TOXICS

[40CFR 63 Subpart R, #2 (Minor Sources) 12-19-2003]

GASOLINE DISTRIBUTION FACILITIES (BULK GASOLINE TERMINALS AND
PIPELINE BREAKOUT STATIONS), MINOR SOURCES

1. The operator shall comply with the applicable recordkeeping, reporting and other requirements required to demonstrate that this facility is not subject to Subpart R, as required by 40 CFR, Subpart A, Section 63.10(b)(3), and Section 63.420 of Subpart R.
2. The operator shall submit all required reports, notifications, plans, submittals and other communications required by Subpart R or Subpart A to the AQMD and, unless notified to the contrary by AQMD or US EPA, to US EPA Region IX (see addresses in Sections E and K of this permit.)



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

**SECTION J: AIR TOXICS
[40CFR 63 Subpart Y, #1 09-19-1995]**

**MARINE TANK VESSEL OPERATIONS (IN REFINERIES, BULK TERMINALS,
CHEMICAL PLANTS, AND PIPELINE TERMINALS), MINOR SOURCES**

1. The operator shall comply with all applicable requirements of 40 CFR 63, Subpart Y and of Subpart A - General Provisions by the date(s) specified in these subparts.
2. The operator shall submit all reports, notifications, plans, submittals and other communications required by Subpart Y or Subpart A to the AQMD and, unless notified to the contrary by AQMD or US EPA, to US EPA Region IX (See Sections E and K of this permit for addresses).
3. The operator shall comply with the applicable recordkeeping requirements in accordance with 40 CFR 63, Subpart Y, Section 63.567 (j)(4).
4. The operator shall comply with the emission estimation requirements in accordance with 40 CFR 63, Subpart Y, Section 63.565 (I).
5. The operator shall submit to AQMD applications for permits to construct and permits to operate for new equipment or equipment modifications, which are regulated by this subpart, as a Title V permit revision for the approval by the Executive Officer.



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

SECTION J: AIR TOXICS

[40CFR 63SubpartBBBBBB 01-24-2011]

National Emission Standards for Hazardous Air Pollutants: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities

The owner/operator of a bulk gasoline terminal, pipeline breakout station, pipeline pumping station, and bulk gasoline plant, shall comply with all applicable requirements of 40CFR 63 Subpart BBBB, including but not limited to the following:

1. Gasoline storage tanks and gasoline loading racks shall comply with the applicable testing and monitoring requirements specified in 63.11092, submit applicable notifications as required under 63.11093, and shall keep records and submit reports as specified in 63.11094 and 63.11095.
2. The owner/operator shall, for all equipment in gasoline service as defined in 63.11100, perform monthly leak inspections as specified in 63.11086.



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

**SECTION J: AIR TOXICS
 [40CFR 63SubpartZZZZ 03-09-2011]**

**NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS:
 STATIONARY RECIPROCATING INTERNAL COMBUSTION ENGINES**

The owner/operator of existing emergency stationary Reciprocating Internal Combustion Engines (RICE) located at an area source of hazardous air pollutant (HAP) emissions shall comply with the applicable requirements of 40 CFR 63 Subpart ZZZZ including but not limited to the following:

1. The owner/operator shall comply with the applicable requirements as specified in 63.6603 including but not limited to the following:

Table 2d to Subpart ZZZZ of Part 63—Requirements for Existing Stationary RICE Located at Area Sources of HAP Emissions

As stated in §§63.6603 and 63.6640, you must comply with the following requirements for existing stationary RICE located at area sources of HAP emissions:

For each . . .	You must meet the following requirement, except during periods of startup . . .	During periods of startup you must . . .
4. Emergency stationary CI RICE and black start stationary CI RICE. ²	a. Change oil and filter every 500 hours of operation or annually, whichever comes first; ¹	
	b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; and	
	c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.	
5. Emergency stationary SI RICE; black start stationary SI RICE. ²	a. Change oil and filter every 500 hours of operation or annually, whichever comes first; ¹	
	b. Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first; and	
	c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.	

¹Sources have the option to utilize an oil analysis program as described in §63.6625(f) in order to extend the specified oil change requirement in Table 2d of this subpart.

²If an emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice requirements on the schedule required in Table 2d of this subpart, or if performing the management practice on the required schedule would otherwise pose an unacceptable risk under Federal, State, or local law, the management practice can be delayed until the emergency is over or the unacceptable risk under Federal, State, or local law



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

SECTION J: AIR TOXICS

[40CFR 63SubpartZZZZ 03-09-2011]

has abated. The management practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under Federal, State, or local law has abated. Sources must report any failure to perform the management practice on the schedule required and the Federal, State or local law under which the risk was deemed unacceptable.

2. The owner/operator shall comply with the applicable general requirements as specified in 63.6605.
3. The owner/operator shall comply with the applicable monitoring, installation, collection, operation, and maintenance requirements specified in 63.6625.
4. The owner/operator shall demonstrate continuous compliance with the applicable emission limitations and operating limitations specified in 63.6640 including but not limited to the following:

(a) You must demonstrate continuous compliance with each emission limitation and operating limitation according to methods specified in Table 6 to this subpart.

Table 6 to Subpart ZZZZ of Part 63—Continuous Compliance With Emission Limitations, Operating Limitations, Work Practices, and Management Practices

As stated in §63.6640, you must continuously comply with the emissions and operating limitations and work or management practices as required by the following:

For each . . .	Complying with the requirement to . . .	You must demonstrate continuous compliance by . . .
existing emergency and black start stationary RICE located at an area source of HAP	a. Work or Management practices	i. Operating and maintaining the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions; or ii. Develop and follow your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

(b) You must report each instance in which you did not meet each emission limitation or operating limitation in Table 2d to this subpart that apply to you. These instances are deviations from the emission and operating limitations in this subpart. These deviations must be reported according to the requirements in §63.6650.

(c) you must operate the emergency stationary RICE according to the requirements in paragraphs (i) through (iii) of this section. Any operation other than emergency operation, maintenance and



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

SECTION J: AIR TOXICS [40CFR 63SubpartZZZZ 03-09-2011]

testing, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (i) through (iii) of this section, is prohibited. If you do not operate the engine according to the requirements in paragraphs (i) through (iii) of this section, the engine will not be considered an emergency engine under this subpart and will need to meet all requirements for non-emergency engines.

(i) There is no time limit on the use of emergency stationary RICE in emergency situations.

(ii) You may operate your emergency stationary RICE for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency RICE beyond 100 hours per year.

(iii) You may operate your emergency stationary RICE up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing. The 50 hours per year for non-emergency situations cannot be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity; except that owners and operators may operate the emergency engine for a maximum of 15 hours per year as part of a demand response program if the regional transmission organization or equivalent balancing authority and transmission operator has determined there are emergency conditions that could lead to a potential electrical blackout, such as unusually low frequency, equipment overload, capacity or energy deficiency, or unacceptable voltage level. The engine may not be operated for more than 30 minutes prior to the time when the emergency condition is expected to occur, and the engine operation must be terminated immediately after the facility is notified that the emergency condition is no longer imminent. The 15 hours per year of demand response operation are counted as part of the 50 hours of operation per year provided for non-emergency situations. The supply of emergency power to another entity or entities pursuant to financial arrangement is not limited by this paragraph (iii), as long as the power provided by the financial arrangement is limited to emergency power.

5. The owner/operator shall comply with the applicable record keeping requirements specified in 63.6655 and 63.6660.



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

SECTION K: TITLE V Administration

GENERAL PROVISIONS

1. This permit may be revised, revoked, reopened and reissued, or terminated for cause, or for failure to comply with regulatory requirements, permit terms, or conditions. [3004(a)(7)(C)]
2. This permit does not convey any property rights of any sort or any exclusive privilege. [3004(a)(7)(E)]

Permit Renewal and Expiration

3. (A) Except for solid waste incineration facilities subject to standards under section 129(e) of the Clean Air Act, this permit shall expire five years from the date that this Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2), 3004(f)]

(B) A Title V permit for a solid waste incineration facility combusting municipal waste subject to standards under Section 129(e) of the Clean Air Act shall expire 12 years from the date of issuance unless such permit has been renewed pursuant to this regulation. These permits shall be reviewed by the Executive Officer at least every five years from the date of issuance. [3004(f)(2)]
4. To renew this permit, the operator shall submit to the Executive Officer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

Duty to Provide Information

5. The applicant for, or holder of, a Title V permit shall furnish, pursuant to Rule 3002(d) and (e), timely information and records to the Executive Officer or designee within a reasonable time as specified in writing by the Executive Officer or designee. [3004(a)(7)(F)]

Payment of Fees

6. The operator shall pay all required fees specified in Regulation III - Fees. [3004(a)(7)(G)]



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

SECTION K: TITLE V Administration

Reopening for Cause

7. The Executive Officer will reopen and revise this permit if any of the following circumstances occur:
- (A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the effective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) of Rule 3004.
 - (B) The Executive Officer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
 - (C) The Executive Officer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [3005(g)(1)]

COMPLIANCE PROVISIONS

8. The operator shall comply with all regulatory requirements, and all permit terms and conditions, except:
- (A) As provided for by the emergency provisions of condition no. 17 or condition no. 18, or
 - (B) As provided by an alternative operating condition granted pursuant to a federally approved (SIP-approved) Rule 518.2.

Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

SECTION K: TITLE V Administration

9. The operator shall allow the Executive Officer or authorized representative, upon presentation of appropriate credentials to:
 - (A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;
 - (B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
 - (C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
 - (D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]
10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate offense. [3004(g)]
11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise affect the remaining portions of this permit. [3007(b)]
12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay any permit condition. [3004(a)(7)(D)]
13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

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14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]
15. Nothing in this permit or in any permit shield can alter or affect:
- (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;
 - (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;
 - (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;
 - (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;
 - (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and
 - (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]
16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

SECTION K: TITLE V Administration EMERGENCY PROVISIONS

17. An emergency¹ constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limit only if:
- (A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:
 - (1) An emergency occurred and the operator can identify the cause(s) of the emergency;
 - (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;
 - (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,
 - (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and
 - (B) The operator complies with the breakdown provisions of Rule 430 – Breakdown Provisions, or subdivision (i) of Rule 2004 – Requirements, whichever is applicable. [3002(g), 430, 2004(i)]
18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

¹ "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

SECTION K: TITLE V Administration RECORDKEEPING PROVISIONS

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:
- (A) The date, place as defined in the Title V permit, and time of sampling or measurements;
 - (B) The date(s) analyses were performed;
 - (C) The company or entity that performed the analyses;
 - (D) The analytical techniques or methods used;
 - (E) The results of such analyses; and
 - (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]
20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]
21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

REPORTING PROVISIONS

22. The operator shall comply with the following requirements for prompt reporting of deviations:
- (A) Breakdowns shall be reported as required by Rule 430 – Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

SECTION K: TITLE V Administration

- (B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.
 - (C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.
 - (D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]
23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]
24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:
- (A) Identification of each permit term or condition that is the basis of the certification;



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

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- (B) The compliance status during the reporting period;
- (C) Whether compliance was continuous or intermittent;
- (D) The method(s) used to determine compliance over the reporting period and currently, and
- (E) Any other facts specifically required by the Executive Officer to determine compliance.

The EPA copy of the certification shall be sent to: Director of the Air Division Attn:
Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]

25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]

PERIODIC MONITORING

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the TitleV application file. [3004(a)(4)]



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

SECTION K: TITLE V Administration

FACILITY RULES

This facility is subject to the following rules and regulations

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 1110.2	2-1-2008	Federally enforceable
RULE 1110.2	9-7-2012	Non federally enforceable
RULE 1113	7-13-2007	Federally enforceable
RULE 1113	9-6-2013	Non federally enforceable
RULE 1122	10-1-2004	Federally enforceable
RULE 1122	5-1-2009	Non federally enforceable
RULE 1140	2-1-1980	Federally enforceable
RULE 1140	8-2-1985	Non federally enforceable
RULE 1149	5-2-2008	Federally enforceable
RULE 1171	2-1-2008	Federally enforceable
RULE 1171	5-1-2009	Non federally enforceable
RULE 1173	2-6-2009	Federally enforceable
RULE 1178	4-7-2006	Federally enforceable
RULE 118	12-7-1995	Non federally enforceable
RULE 1303(a)(1)-BACT	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(1)-Modeling	5-10-1996	Federally enforceable
RULE 1303(b)(2)-Offset	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1304(a)-Modeling and Offset Exemption	6-14-1996	Federally enforceable
RULE 1313(g)	12-7-1995	Federally enforceable



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RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 1401	9-10-2010	Non federally enforceable
RULE 1402	3-4-2005	Non federally enforceable
RULE 1470	5-4-2012	Non federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 217	1-5-1990	Federally enforceable
RULE 219	5-3-2013	Non federally enforceable
RULE 219	9-4-1981	Federally enforceable
RULE 3002	11-14-1997	Federally enforceable
RULE 3002	11-5-2010	Non federally enforceable
RULE 3003	11-14-1997	Federally enforceable
RULE 3003	11-5-2010	Non federally enforceable
RULE 3004	12-12-1997	Federally enforceable
RULE 3005	11-14-1997	Federally enforceable
RULE 3005	11-5-2010	Non federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 301	6-1-2012	Non federally enforceable
RULE 304	6-1-2012	Non federally enforceable
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 402	5-7-1976	Non federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 405	2-7-1986	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 431.2	5-4-1990	Federally enforceable
RULE 431.2	9-15-2000	Non federally enforceable
RULE 462	5-14-1999	Federally enforceable
RULE 463	11-4-2011	Federally enforceable
RULE 701	6-13-1997	Federally enforceable
40CFR 60 Subpart IIII	1-30-2013	Federally enforceable
40CFR 60 Subpart Ka	12-14-2000	Federally enforceable
40CFR 60 Subpart Kb	10-15-2003	Federally enforceable
40CFR 60 Subpart XX	12-19-2003	Federally enforceable



**FACILITY PERMIT TO OPERATE
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RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
40CFR 63 Subpart R, #2 (Minor Sources)	12-19-2003	Federally enforceable
40CFR 63 Subpart Y, #1	9-19-1995	Federally enforceable
40CFR 63SubpartBBBBBB	1-24-2011	Federally enforceable
40CFR 63SubpartZZZZ	3-9-2011	Federally enforceable



**FACILITY PERMIT TO OPERATE
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APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN
PERMIT PURSUANT TO RULE 219

NONE



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 07-13-2007]

- (1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.
- (2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings, except anti-graffiti coatings, for residential use or for use in areas such as office space and meeting rooms of industrial, commercial or institutional facilities not exposed to such extreme environmental conditions described in the definition of industrial maintenance coatings; or of any rust-preventative coating for industrial use, unless such a rust preventative coating complies with the Industrial Maintenance Coating VOC limit specified in the Table of Standards.



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

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 07-13-2007]
TABLE OF STANDARDS
VOC LIMITS**

**Grams of VOC Per Liter of Coating,
Less Water and Less Exempt Compounds**

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Bond Breakers	350							
Clear Wood Finishes	350					275		
Varnish	350					275		
Sanding Sealers	350					275		
Lacquer	680	550			275			
Clear Brushing Lacquer	680				275			
Concrete-Curing Compounds	350						100	
Concrete-Curing Compounds For Roadways and Bridges**	350							
Dry-Fog Coatings	400						150	
Fire-Proofing Exterior Coatings	450	350						
Fire-Retardant Coatings***								
Clear	650							
Pigmented	350							
Flats	250	100						50
Floor Coatings	420		100			50		
Graphic Arts (Sign) Coatings	500							
Industrial Maintenance (IM) Coatings	420			250		100		
High Temperature IM Coatings			420					
Zinc-Rich IM Primers	420		340			100		
Japans/Faux Finishing Coatings	700	350						
Magnesite Cement Coatings	600	450						
Mastic Coatings	300							
Metallic Pigmented Coatings	500							
Multi-Color Coatings	420	250						
Nonflat Coatings	250		150			50		



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 07-13-2007]

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Nonflat High Gloss	250		150				50	
Pigmented Lacquer	680	550			275			
Pre-Treatment Wash Primers	780		420					
Primers, Sealers, and Undercoaters	350		200			100		
Quick-Dry Enamels	400		250			150	50	
Quick-Dry Primers, Sealers, and Undercoaters	350		200			100		
Recycled Coatings			250					
Roof Coatings	300		250		50			
Roof Coatings, Aluminum	500				100			
Roof Primers, Bituminous	350		350					
Rust Preventative Coatings	420		400			100		
Shellac								
Clear	730							
Pigmented	550							
Specialty Primers	350					250	100	
Stains	350		250				100	
Stains, Interior	250							
Swimming Pool Coatings								
Repair	650		340					
Other	340							
Traffic Coatings	250	150					100	
Waterproofing Sealers	400		250			100		
Waterproofing Concrete/Masonry Sealers	400					100		
Wood Preservatives								
Below-Ground	350							
Other	350							

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.

** Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

*** The Fire-Retardant Coating category will be eliminated on January 1, 2007 and subsumed by the coating category for which they are formulated.



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

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 07-13-2007]**

**TABLE OF STANDARDS (cont.)
VOC LIMITS**

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 09-06-2013]

- (1) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, market, manufacture, blend, repackage, apply, store at a worksite, or solid the application of any architectural coating within in the District:
 - (A) That is listed in the Table of Standards 1 and contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified; or
 - (B) That is not listed in the Table of Standards 1, and contains VOC (excluding any colorant added to tint bases) in excess of 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, until January 1, 2014, at which time the limit drops to 50 grams of VOC per liter of coating, less water, less exempt compounds (0.42 pounds per gallon).
- (2) No person within the District shall add colorant at the point of sale that is listed in the Table of Standards 2 and contains VOC in excess of the corresponding VOC limit specified in the Table of Standards 2, after the effective date specified.



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 09-06-2013]

TABLE OF STANDARDS 1 VOC LIMITS

**Grams of VOC Per Liter of Coating,
Less Water and Less Exempt Compounds**

COATING CATEGORY	Ceiling Limit ¹	Current Limit ²	Effective Date		
			7/1/08	1/1/12	1/1/14
Bond Breakers		350			
Clear Wood Finishes		275			
Varnish	350	275			
Sanding Sealers	350	275			
Lacquer		275			
Concrete-Curing Compounds		100			
Concrete-Curing Compounds For Roadways and Bridges ³		350			
Concrete Surface Retarder		250			50
Driveway Sealer		100		50	
Dry-Fog Coatings		150			50
Faux Finishing Coatings					
Clear Topcoat		350		200	100
Decorative Coatings		350			
Glazes		350			
Japan		350			
Trowel Applied Coatings		350		150	50
Fire-Proofing Coatings		350			150
Flats	250	50	50		
Floor Coatings	100	50			
Form Release Compound		250			100
Graphic Arts (Sign) Coatings		500			150
Industrial Maintenance (IM) Coatings	420	100			
High Temperature IM Coatings		420			
Non-Sacrificial/Anti-Graffiti Coatings		100			
Zinc-Rich IM Primers		100			
Magnesite Cement Coatings		450			
Mastic Coatings		300			100
Metallic Pigmented Coatings	500	500			150
Multi-Color Coatings		250			
Nonflat Coatings	150	50			
Pre-Treatment Wash Primers		420			
Primers, Sealers, and Undercoaters		100			
Reactive Penetrating Sealers		350			



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 09-06-2013]

Recycled Coatings		250			
Roof Coatings		50			
Roof Coatings, Aluminum		100			
Roof Primers, Bituminous		350			
Rust Preventative Coatings	400	100			
Sacrificial Anti-Graffiti Coatings		100		50	
Shellac					
Clear		730			



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 09-06-2013]

COATING CATEGORY	Ceiling Limit ¹	Current Limit ²	Effective Date		
			7/1/08	1/1/12	1/1/14
Pigmented		550			
Specialty Primers		100			
Stains	350	100			
Stains, Interior	250	250			
Stone Consolidant		450			
Swimming Pool Coatings					
Repair		340			
Other		340			
Traffic Coatings		100			
Waterproofing Sealers		100			
Waterproofing Concrete/Masonry Sealers		100			
Wood Preservatives		350			

- 1 The specified ceiling limits are applicable to products sold under the Averaging Compliance Option.
- 2 The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.
- 3 Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

TABLE OF STANDARDS 1 (cont.) VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

TABLE OF STANDARDS 2 VOC LIMITS FOR COLORANTS

Grams of VOC Per Liter of Colorant Less Water and Less Exempt Compounds

COLORANT ADDED TO	Limit ⁴
Architectural Coatings, excluding IM Coatings	50
Solvent-Based IM	600
Waterborne IM	50

4. Effective January 1, 2014.



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

APPENDIX B: RULE EMISSION LIMITS [RULE 1140 02-01-1980]

- (1) The operator shall not, if he complies with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting 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 as No. 2 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 (1)(A).

- (2) The operator shall not, if he is not complying with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting 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 as 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 (2)(A).



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

APPENDIX B: RULE EMISSION LIMITS [RULE 1140 08-02-1985]

- (1) The operator shall not, if he complies with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting 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 as No. 2 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 (1)(A).

- (2) The operator shall not, if he is not complying with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting 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 as 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 (2)(A).



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

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 1171 02-01-2008]**

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application			
(i) General	25 (0.21)		
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)		
(iii) Medical Devices & Pharmaceuticals	800 (6.7)		
(B) Repair and Maintenance Cleaning			
(i) General	25 (0.21)		
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)		



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 02-01-2008]

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(iii) Medical Devices & Pharmaceuticals			
(A) Tools, Equipment, & Machinery	800 (6.7)		
(B) General Work Surfaces	600 (5.0)		
(C) Cleaning of Coatings or Adhesives Application Equipment	25 (0.21)		
(D) Cleaning of Ink Application Equipment			
(i) General	25 (0.21)		
(ii) Flexographic Printing	25 (0.21)		
(iii) Gravure Printing			
(A) Publication	100 (0.83)		
(B) Packaging	25 (0.21)		
(iv) Lithographic (Offset) or Letter Press Printing			
(A) Roller Wash, Blanket Wash, & On-Press Components			
(I) Newsprint	100 (0.83)		



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

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 1171 02-01-2008]**

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(II) Other Substrates	500 (4.2)	100 (0.83)	
(B) Removable Press Components	25 (0.21)		
(v) Screen Printing	500 (4.2)	100 (0.83)	
(vi) Ultraviolet Ink/Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	650 (5.4)	100 (0.83)
(vii) Specialty Flexographic Printing	100 (0.83)		
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)		

* The specified limits remain in effect unless revised limits are listed in subsequent columns.



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 05-01-2009]

(I) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	
(iii) Medical Devices & Pharmaceuticals	800 (6.7)	
(B) Repair and Maintenance Cleaning		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	



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

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 1171 05-01-2009]**

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(iii) Medical Devices & Pharmaceuticals		
(A) Tools, Equipment, & Machinery	800 (6.7)	
(B) General Work Surfaces	600 (5.0)	
(C) Cleaning of Coatings or Adhesives Application Equipment	25 (0.21)	
(D) Cleaning of Ink Application Equipment		
(i) General	25 (0.21)	
(ii) Flexographic Printing	25 (0.21)	
(iii) Gravure Printing		
(A) Publication	100 (0.83)	
(B) Packaging	25 (0.21)	
(iv) Lithographic (Offset) or Letter Press Printing		
(A) Roller Wash, Blanket Wash, & On-Press Components	100 (0.83)	



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 05-01-2009]

SOLVENT CLEANING ACTIVITY (cont.)	CURRENT LIMITS*	EFFECTIVE 1/1/2010
(B) Removable Press Components	VOC g/l (lb/gal) 25 (0.21)	VOC g/l (lb/gal)
(v) Screen Printing	100 (0.83)	
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	100 (0.83)
(vii) Specialty Flexographic Printing	100 (0.83)	
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)	

* The specified limits remain in effect unless revised limits are listed in subsequent columns.



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

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 404 02-07-1986]**

The operator shall not discharge into the atmosphere from this equipment, particulate matter in excess of the concentration at standard conditions, shown in Table 404(a). Where the volume discharged is between figures listed in the Table, the exact concentration permitted to be discharged shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

TABLE 404(a)

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter ² Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
25 or less	883 or less	450	0.196	900	31780	118	0.0515
30	1059	420	.183	1000	35310	113	.0493
35	1236	397	.173	1100	38850	109	.0476
40	1413	377	.165	1200	42380	106	.0463
45	1589	361	.158	1300	45910	102	.0445



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

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 404 02-07-1986]**

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
		Milligrams per Cubic Meter	Grains per Cubic Foot			Milligrams per Cubic Meter	Grains per Cubic Foot
Cubic meters Per Minute	Cubic feet Per Minute			Cubic meters Per Minute	Cubic feet Per Minute		
50	1766	347	.152	1400	49440	100	.0437
60	2119	324	.141	1500	52970	97	.0424
70	2472	306	.134	1750	61800	92	.0402
80	2825	291	.127	2000	70630	87	.0380
90	3178	279	.122	2250	79460	83	.0362
100	3531	267	.117	2500	88290	80	.0349
125	4414	246	.107	3000	105900	75	.0327
150	5297	230	.100	4000	141300	67	.0293
175	6180	217	.0947	5000	176600	62	.0271
200	7063	206	.0900	6000	211900	58	.0253
250	8829	190	.0830	8000	282500	52	.0227
300	10590	177	.0773	10000	353100	48	.0210
350	12360	167	.0730	15000	529700	41	.0179
400	14130	159	.0694	20000	706300	37	.0162
450	15890	152	.0664	25000	882900	34	.0148



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

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 404 02-07-1986]**

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
500	17660	146	.0637	30000	1059000	32	.0140
600	21190	137	.0598	40000	1413000	28	.0122
700	24720	129	.0563	50000	1766000	26	.0114
800	28250	123	.0537	70000 or more	2472000 or more	23	.0100



FACILITY PERMIT TO OPERATE PETRO DIAMOND TERMINAL CO

APPENDIX B: RULE EMISSION LIMITS [RULE 405 02-07-1986]

The operator shall not discharge into the atmosphere from this equipment, solid particulate matter including lead and lead compounds in excess of the rate shown in Table 405(a).

Where the process weight per hour is between figures listed in the table, the exact weight of permitted discharge shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

TABLE 405(a)

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process	
		Kilograms Per Hour	Pounds Per Hour			Kilograms Per Hour	Pounds Per Hour
100 or less	220 or less	0.450	0.99	9000	19840	5.308	11.7
150	331	0.585	1.29	10000	22050	5.440	12.0
200	441	0.703	1.55	12500	27560	5.732	12.6
250	551	0.804	1.77	15000	33070	5.982	13.2
300	661	0.897	1.98	17500	38580	6.202	13.7
350	772	0.983	2.17	20000	44090	6.399	14.1
400	882	1.063	2.34	25000	55120	6.743	14.9
450	992	1.138	2.51	30000	66140	7.037	15.5
500	1102	1.209	2.67	35000	77160	7.296	16.1
600	1323	1.340	2.95	40000	88180	7.527	16.6



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

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 405 02-07-1986]**

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process)		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process)	
Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour
700	1543	1.461	3.22	45000	99210	7.738	17.1
800	1764	1.573	3.47	50000	110200	7.931	17.5
900	1984	1.678	3.70	60000	132300	8.277	18.2
1000	2205	1.777	3.92	70000	154300	8.582	18.9
1250	2756	2.003	4.42	80000	176400	8.854	19.5
1500	3307	2.206	4.86	90000	198400	9.102	20.1
1750	3858	2.392	5.27	100000	220500	9.329	20.6
2000	4409	2.563	5.65	125000	275600	9.830	21.7
2250	4960	2.723	6.00	150000	330700	10.26	22.6
2500	5512	2.874	6.34	175000	385800	10.64	23.5
2750	6063	3.016	6.65	200000	440900	10.97	24.2
3000	6614	3.151	6.95	225000	496000	11.28	24.9
3250	7165	3.280	7.23	250000	551200	11.56	25.5
3600	7716	3.404	7.50	275000	606300	11.82	26.1
4000	8818	3.637	8.02	300000	661400	12.07	26.6
4500	9921	3.855	8.50	325000	716500	12.30	27.1
5000	11020	4.059	8.95	350000	771600	12.51	27.6
6000	13230	4.434	9.78	400000	881800	12.91	28.5
7000	15430	4.775	10.5	450000	992100	13.27	29.3
8000	17640	5.089	11.2	500000 or more	1102000 or more	13.60	30.0