

July 19, 2013

PERMIT TO OPERATE

Permit No. TBD
A/N 496876

Equipment Description:

~~ALTERATION OF AN EXISTING BULK LOADING/UNLOADING RACK NO. 1 (PERMITTED UNDER A/N 431990:P/O F71069)~~ 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

~~BY THE ADDITION OF:~~

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) ~~CONSTRUCTION AND~~ OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
- 3) 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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(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 ~~250~~ 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 ~~250~~ 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 ~~250~~ 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]

- ~~8) THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAN 60 DAYS AFTER COMPLETION OF CONSTRUCTION, A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND/OR REMOVED FROM SERVICE. THE OPERATOR SHALL ALSO PROVIDE COMPLETE, AS BUILT, PIPING AND INSTRUMENTATION DIAGRAM(S) WITH A LISTING OF ALL NON-LEAKLESS TYPE VALVES CATEGORIZED BY TAG NO. SIZE, TYPE SERVICE, OPERATING CONDITIONS (i.e. TEMPERATURE AND PRESSURE), BODY MATERIAL, APPLICATION.~~
~~[RULE 1303(b)(2)-OFFSET, 1401]~~

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- 9) ~~THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.~~
~~[RULE 205]~~

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: NONE

- 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