

PERMIT TO CONSTRUCT/OPERATE

Permit No.
~~A/N 366667~~
A/N 531070
Granted / /

Equipment Description:

ALTERATION OF AN EXISTING DENATURED ETHANOL TANK TRUCK UNLOADING RACK SYSTEM (PREVIOUSLY PERMITTED UNDER A/N 366667:P/O F73531) CONSISTING OF THE FOLLOWING:

1. TWO (2) 4" TRUCK CONNECTIONS
2. TWO (2) SUBMERSIBLE PUMPS, DOUBLE MECHANICAL SEAL, 5 H.P. EACH.
3. TWO PUMP SLEEVE TUBES
4. ONE FILL TUBE

BY THE ADDITION OF:

1. VAPOR BALANCE SYSTEM CONNECTING UNLOADING SYSTEM TO TANKER TRUCK(S).

Conditions:

1. CONSTRUCTION AND OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. ~~THIS EQUIPMENT SHALL ONLY BE USED FOR UNLOADING.~~
[RULE 204]
4. ~~THE OPERATOR SHALL ONLY USE THIS EQUIPMENT TO UNLOAD DENATURED ETHANOL.~~
[RULE 1303(b)(2) - OFFSET]
3. DURING UNLOADING OPERATIONS, THE VAPOR BALANCE SYSTEM SHALL BE CONNECTED AND IN FULL USE SO THAT DISPLACED VAPORS FROM THE UNLOADING OPERATION SHALL BE VENTED TO THE TRUCK(S) BEING UNLOADED.
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSETS, 1401]
5. 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 500 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 500 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 500 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.

[1303(b)2)-OFFSET]

5. **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]
6. **THIS PERMIT TO CONSTRUCT SHALL (*EXPIRE ONE YEAR FROM DATE OF ISSUANCE*) UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.**
[RULE 205]
7. **RECORDS OF THROUGHPUT, TYPES OF PRODUCT STORED, AND VAPOR PRESSURE OF PRODUCT SHALL BE MAINTAINED FOR AT LEAST 5 YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.**
[RULE 462, 1401]

Periodic Monitoring: NONE

Emissions and Requirements: NONE