

July 18, 2012

PERMIT TO CONSTRUCT/OPERATE

Permit No.TBD
A/N 529367
Granted / /

Equipment Description:

MODIFICATION OF AN EXISTING:

STORAGE TANK (NO. 132), 10,000 BARREL CAPACITY, **40'-0" HIGH BY 42'-7" DIAM.**, DOMED EXTERNAL DOUBLE-DECK FLOATING ROOF, WELDED SHELL, WITH A CATEGORY A METALLIC SHOE PRIMARY SEAL AND A CATEGORY A WIPER-TYPE SECONDARY SEAL, ~~SLOTTED GUIDEPOLE WITH GASKETED SLIDING COVER, VAPOR SLEEVE AND WIPER, STORING GASOLINE AND DIESEL FUEL.~~ **PREVIOUSLY PERMITTED UNDER A/N 407884:F75585**

BY THE REMOVAL OF A SAMPLE HATCH AND THE ADDITION OF A SLOTTED GUIDEPOLE WITH SAMPLE WELL

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. **THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 245,833 BARRELS PER MONTH OF PETROLEUM 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 A REID VAPOR PRESSURE OF 13.5 PSIA.**

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

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

July 18, 2012

ONCE EVERY 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED 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 1.0 INCH OR 0.8%, 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 HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

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 HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 463, 1303(B)(2)-OFFSETS, 1401]

4. THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF SHALL NOT EXCEED 30% OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL.
[RULE 1178]
5. ALL GASES SHALL BE VENTED TO A VAPOR CONTROL SYSTEM (THERMAL OXIDIZER) WHENEVER THE TANK IS BEING DEGASSED OR REFILLED. DURING TANK DEGASSING OR REFILLING, THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE THERMAL OXIDIZER IS IN FULL USE AND HAS A VALID PERMIT TO RECEIVE VENT GASES FROM THIS EQUIPMENT.
[RULE 463, 1149, 1303(a)(1)BACT]
6. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. HYDROCARBON CONCENTRATION MEASUREMENTS DONE IN THE VAPOR SPACE ABOVE THE FLOATING ROOF OF THE TANK
 - B. OTHER RECORDS THAT MAY BE REQUIRED TO COMPLY WITH THE APPLICABLE REQUIREMENTS OF DISTRICT RULES 463 AND 1178.
 - C. **TYPE OF PRODUCT STORED, THROUGHPUT AND TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITIONS**

RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER UPON REQUEST.
[RULE 463, 1178]

July 18, 2012

7. **THIS PERMIT TO CONSTRUCT SHALL EXPIRE (one year from date of issuance) UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER OR UNLESS THE EQUIPMENT HAS BEEN CONSTRUCTED AND THE OPERATOR HAS NOTIFIED THE EXECUTIVE OFFICER PRIOR TO THE OPERATION OF THE EQUIPMENT.**
[RULE 205]

PERIODIC MONITORING: NONE

EMISSIONS AND REQUIREMENTS:

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

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178