

PERMIT TO CONSTRUCT/OPERATE

Permit No. TBD
A/N 506636

Equipment Description:

STORAGE TANK NO. 80084, 110'-0" DIA. X 50'-0" H., STEEL PAN TYPE INTERNAL FLOATING ROOF, 80,000 BARREL CAPACITY, WELDED SHELL, WELDED DECK, WITH CATEGORY A LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL AND CATEGORY A RIM-MOUNTED SINGLE WIPER SECONDARY SEAL, WITH SLOTTED GUIDEPOLE EQUIPPED WITH GASKETED SLIDING COVER AND FLOAT SLEEVE WIPER, DRAIN-DRY BREAKOUT TANK.

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. DURING ANY TIME WHEN THE TANK IS EMPTIED AFTER HAVING LAST CONTAINED A VOC WITH A REID VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149, 1303(a)(1)-BACT, 1401]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE PER YEAR AT A 4 TO 8 MONTHS INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN THE 400,000 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS (INCLUDING GASOLINE, DIESEL, JET FUEL, AND TRANSMIX), OXYGENATES (INCLUDING DENATURED ETHANOL), PETROLEUM INTERMEDIATES AND BLENDING STOCKS NOT TO EXCEED A REID VAPOR PRESSURE OF 13 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 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(a)(1)-BACT, 1303(b)(2)-OFFSET, 1401, 40 CFR 60 SUBPART Kb]

7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.
[RULE 1149]
8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 463, 1149, 1178, 1303(b)(2)-OFFSET, 1401, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R, 40 CFR 63 SUBPART EEEE]
9. THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAN 60 DAYS AFTER INITIAL STARTUP, A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND REMOVED FROM SERVICE. THE OPERATOR SHALL ALSO PROVIDE COMPLETE, AS BUILT, PIPING AND INSTRUMENTATION DIAGRAM(S) AND COPIES OF REQUISITION DATA SHEETS FOR ALL NON-LEAKLESS VALVES WITH A LISTING OF TAG NUMBERS.
[RULE 1303(b)(2)-OFFSET]

10. ALL COMPONENTS IN VOC SERVICE AS DEFINED IN RULE 1173, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL VALVES AND FLANGES IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
[RULE 1173]
11. IF 98.0 PERCENT OR GREATER OF THE (NON-LEAKLESS TYPE) VALVES AND THE FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 300 PPMV FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR MAY CHANGE TO A QUARTERLY INSPECTION PROGRAM WITH THE APPROVAL OF THE DISTRICT.
[RULE 1173, 1303(b)(2)-OFFSET]
12. ALL COMPONENTS IN VOC SERVICE WITH A LEAK GREATER THAN 300 PPMV BUT LESS THAN 500 PPMV, AS METHANE, MEASURED ABOVE BACKGROUND 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 DEVICE, DIAPHRAGM, HATCH, SIGHT-GLASS, AND METER, WHICH ARE NOT EXEMPTED BY RULE 1173.
[RULE 1173, 1303(b)(2)-OFFSET]
13. THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (QUARTERLY WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IN A MANNER APPROVED BY THE DISTRICT. RECORDS SHALL BE KEPT AND MAINTAINED FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 1173]
14. FINAL DRAWINGS AND/ OR SPECIFICATIONS OF THIS EQUIPMENT INSTALLED/ CONSTRUCTED SHALL BE SUBMITTED TO THE DISTRICT WITHIN 60 DAYS AFTER INITIAL START-UP. THIS SUBMISSION SHALL ALSO INCLUDE FINAL INSTALLED FUGITIVE COMPONENT COUNTS.
[RULE 1173, 1303(b)(2)-OFFSET]
15. THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178
VOC: 40 CFR 60 SUBPART Kb
HAP/TOC: 40 CFR 63 SUBPART R (MAJOR SOURCES)
HAP/TOC: 40 CFR 63 SUBPART EEEE (MAJOR SOURCES)

PERMIT TO CONSTRUCT/OPERATE

Permit No. TBD
A/N 506637

Equipment Description:

STORAGE TANK NO. 80085, 110'-0" DIA. X 50'-0" H., STEEL PAN TYPE INTERNAL FLOATING ROOF, 80,000 BARREL CAPACITY, WELDED SHELL, WELDED DECK, WITH CATEGORY A LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL AND CATEGORY A RIM-MOUNTED SINGLE WIPER SECONDARY SEAL, WITH SLOTTED GUIDEPOLE EQUIPPED WITH GASKETED SLIDING COVER AND FLOAT SLEEVE WIPER, DRAIN-DRY BREAKOUT TANK.

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. DURING ANY TIME WHEN THE TANK IS EMPTIED AFTER HAVING LAST CONTAINED A VOC WITH A REID VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149, 1303(a)(1)-BACT, 1401]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE PER YEAR AT A 4 TO 8 MONTHS INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN THE 400,000 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS (INCLUDING GASOLINE, DIESEL, JET FUEL, AND TRANSMIX), OXYGENATES (INCLUDING DENATURED ETHANOL), PETROLEUM INTERMEDIATES, AND BLENDING STOCKS NOT TO EXCEED A REID VAPOR PRESSURE OF 13 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 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(a)(1)-BACT, 1303(b)(2)-OFFSET, 1401, 40 CFR 60 SUBPART Kb]

7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.
[RULE 1149]
8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 463, 1149, 1178, 1303(b)(2)-OFFSET, 1401, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R, 40 CFR 63 SUBPART EEEE]
9. THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAN 60 DAYS AFTER INITIAL STARTUP, A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND REMOVED FROM SERVICE. THE OPERATOR SHALL ALSO PROVIDE COMPLETE, AS BUILT, PIPING AND INSTRUMENTATION DIAGRAM(S) AND COPIES OF REQUISITION DATA SHEETS FOR ALL NON-LEAKLESS VALVES WITH A LISTING OF TAG NUMBERS.
[RULE 1303(b)(2)-OFFSET]

10. ALL COMPONENTS IN VOC SERVICE AS DEFINED IN RULE 1173, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL VALVES AND FLANGES IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
[RULE 1173]
11. IF 98.0 PERCENT OR GREATER OF THE (NON-LEAKLESS TYPE) VALVES AND THE FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 300 PPMV FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR MAY CHANGE TO A QUARTERLY INSPECTION PROGRAM WITH THE APPROVAL OF THE DISTRICT.
[RULE 1173, 1303(b)(2)-OFFSET]
12. ALL COMPONENTS IN VOC SERVICE WITH A LEAK GREATER THAN 300 PPMV BUT LESS THAN 500 PPMV, AS METHANE, MEASURED ABOVE BACKGROUND 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 DEVICE, DIAPHRAGM, HATCH, SIGHT-GLASS, AND METER, WHICH ARE NOT EXEMPTED BY RULE 1173.
[RULE 1173, 1303(b)(2)-OFFSET]
13. THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (QUARTERLY WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IN A MANNER APPROVED BY THE DISTRICT. RECORDS SHALL BE KEPT AND MAINTAINED FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 1173]
14. FINAL DRAWINGS AND/ OR SPECIFICATIONS OF THIS EQUIPMENT INSTALLED/ CONSTRUCTED SHALL BE SUBMITTED TO THE DISTRICT WITHIN 60 DAYS AFTER INITIAL START-UP. THIS SUBMISSION SHALL ALSO INCLUDE FINAL INSTALLED FUGITIVE COMPONENT COUNTS.
[RULE 1173, 1303(b)(2)-OFFSET]
15. THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178
VOC: 40 CFR 60 SUBPART Kb
HAP/TOC: 40 CFR 63 SUBPART R (MAJOR SOURCES)
HAP/TOC: 40 CFR 63 SUBPART EEEE (MAJOR SOURCES)

PERMIT TO CONSTRUCT/OPERATE

Permit No. TBD
A/N 506638

Equipment Description:

STORAGE TANK NO. 80086, 110'-0" DIA. X 50'-0" H., STEEL PAN TYPE INTERNAL FLOATING ROOF, 80,000 BARREL CAPACITY, WELDED SHELL, WELDED DECK, WITH CATEGORY A LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL AND CATEGORY A RIM-MOUNTED SINGLE WIPER SECONDARY SEAL, WITH SLOTTED GUIDEPOLE EQUIPPED WITH GASKETED SLIDING COVER AND FLOAT SLEEVE WIPER, DRAIN-DRY BREAKOUT TANK.

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. DURING ANY TIME WHEN THE TANK IS EMPTIED AFTER HAVING LAST CONTAINED A VOC WITH A REID VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149, 1303(a)(1)-BACT, 1401]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE PER YEAR AT A 4 TO 8 MONTHS INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN THE 400,000 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS (INCLUDING GASOLINE, DIESEL, JET FUEL, AND TRANSMIX), OXYGENATES (INCLUDING DENATURED ETHANOL), PETROLEUM INTERMEDIATES, AND BLENDING STOCKS NOT TO EXCEED A REID VAPOR PRESSURE OF 13 PSIA.

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[RULE 463, 1303(a)(1)-BACT, 1303(b)(2)-OFFSET, 1401, 40 CFR 60 SUBPART Kb]

7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.
[RULE 1149]
8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
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[RULE 1303(b)(2)-OFFSET]

10. ALL COMPONENTS IN VOC SERVICE AS DEFINED IN RULE 1173, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL VALVES AND FLANGES IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
[RULE 1173]
11. IF 98.0 PERCENT OR GREATER OF THE (NON-LEAKLESS TYPE) VALVES AND THE FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 300 PPMV FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR MAY CHANGE TO A QUARTERLY INSPECTION PROGRAM WITH THE APPROVAL OF THE DISTRICT.
[RULE 1173, 1303(b)(2)-OFFSET]
12. ALL COMPONENTS IN VOC SERVICE WITH A LEAK GREATER THAN 300 PPMV BUT LESS THAN 500 PPMV, AS METHANE, MEASURED ABOVE BACKGROUND 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 DEVICE, DIAPHRAGM, HATCH, SIGHT-GLASS, AND METER, WHICH ARE NOT EXEMPTED BY RULE 1173.
[RULE 1173, 1303(b)(2)-OFFSET]
13. THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (QUARTERLY WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IN A MANNER APPROVED BY THE DISTRICT. RECORDS SHALL BE KEPT AND MAINTAINED FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 1173]
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[RULE 1173, 1303(b)(2)-OFFSET]
15. THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178
VOC: 40 CFR 60 SUBPART Kb
HAP/TOC: 40 CFR 63 SUBPART R (MAJOR SOURCES)
HAP/TOC: 40 CFR 63 SUBPART EEEE (MAJOR SOURCES)

PERMIT TO CONSTRUCT/OPERATE

Permit No. TBD
A/N 506639

Equipment Description:

STORAGE TANK NO. 80087, 110'-0" DIA. X 50'-0" H., STEEL PAN TYPE INTERNAL FLOATING ROOF, 80,000 BARREL CAPACITY, WELDED SHELL, WELDED DECK, WITH CATEGORY A LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL AND CATEGORY A RIM-MOUNTED SINGLE WIPER SECONDARY SEAL, WITH SLOTTED GUIDEPOLE EQUIPPED WITH GASKETED SLIDING COVER AND FLOAT SLEEVE WIPER, DRAIN-DRY BREAKOUT TANK.

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. DURING ANY TIME WHEN THE TANK IS EMPTIED AFTER HAVING LAST CONTAINED A VOC WITH A REID VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149, 1303(a)(1)-BACT, 1401]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE PER YEAR AT A 4 TO 8 MONTHS INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN THE 400,000 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS (INCLUDING GASOLINE, DIESEL, JET FUEL, AND TRANSMIX), OXYGENATES (INCLUDING DENATURED ETHANOL), PETROLEUM INTERMEDIATES, AND BLENDING STOCKS NOT TO EXCEED A REID VAPOR PRESSURE OF 13 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 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(a)(1)-BACT, 1303(b)(2)-OFFSET, 1401, 40 CFR 60 SUBPART Kb]

7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.
[RULE 1149]
8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 463, 1149, 1178, 1303(b)(2)-OFFSET, 1401, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R, 40 CFR 63 SUBPART EEEE]
9. THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAN 60 DAYS AFTER INITIAL STARTUP, A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND REMOVED FROM SERVICE. THE OPERATOR SHALL ALSO PROVIDE COMPLETE, AS BUILT, PIPING AND INSTRUMENTATION DIAGRAM(S) AND COPIES OF REQUISITION DATA SHEETS FOR ALL NON-LEAKLESS VALVES WITH A LISTING OF TAG NUMBERS.
[RULE 1303(b)(2)-OFFSET]

10. ALL COMPONENTS IN VOC SERVICE AS DEFINED IN RULE 1173, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL VALVES AND FLANGES IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
[RULE 1173]
11. IF 98.0 PERCENT OR GREATER OF THE (NON-LEAKLESS TYPE) VALVES AND THE FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 300 PPMV FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR MAY CHANGE TO A QUARTERLY INSPECTION PROGRAM WITH THE APPROVAL OF THE DISTRICT.
[RULE 1173, 1303(b)(2)-OFFSET]
12. ALL COMPONENTS IN VOC SERVICE WITH A LEAK GREATER THAN 300 PPMV BUT LESS THAN 500 PPMV, AS METHANE, MEASURED ABOVE BACKGROUND 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 DEVICE, DIAPHRAGM, HATCH, SIGHT-GLASS, AND METER, WHICH ARE NOT EXEMPTED BY RULE 1173.
[RULE 1173, 1303(b)(2)-OFFSET]
13. THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (QUARTERLY WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IN A MANNER APPROVED BY THE DISTRICT. RECORDS SHALL BE KEPT AND MAINTAINED FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 1173]
14. FINAL DRAWINGS AND/ OR SPECIFICATIONS OF THIS EQUIPMENT INSTALLED/ CONSTRUCTED SHALL BE SUBMITTED TO THE DISTRICT WITHIN 60 DAYS AFTER INITIAL START-UP. THIS SUBMISSION SHALL ALSO INCLUDE FINAL INSTALLED FUGITIVE COMPONENT COUNTS.
[RULE 1173, 1303(b)(2)-OFFSET]
15. THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178
VOC: 40 CFR 60 SUBPART Kb
HAP/TOC: 40 CFR 63 SUBPART R (MAJOR SOURCES)
HAP/TOC: 40 CFR 63 SUBPART EEEE (MAJOR SOURCES)

PERMIT TO CONSTRUCT/OPERATE

Permit No. TBD
A/N 506640

Equipment Description:

STORAGE TANK NO. 80088, 110'-0" DIA. X 50'-0" H., STEEL PAN TYPE INTERNAL FLOATING ROOF, 80,000 BARREL CAPACITY, WELDED SHELL, WELDED DECK, WITH CATEGORY A LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL AND CATEGORY A RIM-MOUNTED SINGLE WIPER SECONDARY SEAL, WITH SLOTTED GUIDEPOLE EQUIPPED WITH GASKETED SLIDING COVER AND FLOAT SLEEVE WIPER, DRAIN-DRY BREAKOUT TANK.

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. DURING ANY TIME WHEN THE TANK IS EMPTIED AFTER HAVING LAST CONTAINED A VOC WITH A REID VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149, 1303(a)(1)-BACT, 1401]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE PER YEAR AT A 4 TO 8 MONTHS INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN THE 400,000 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS (INCLUDING GASOLINE, DIESEL, JET FUEL, AND TRANSMIX), OXYGENATES (INCLUDING DENATURED ETHANOL), PETROLEUM INTERMEDIATES, AND BLENDING STOCKS NOT TO EXCEED A REID VAPOR PRESSURE OF 13 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 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(a)(1)-BACT, 1303(b)(2)-OFFSET, 1401, 40 CFR 60 SUBPART Kb]

7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.
[RULE 1149]
8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 463, 1149, 1178, 1303(b)(2)-OFFSET, 1401, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R, 40 CFR 63 SUBPART EEEE]
9. THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAN 60 DAYS AFTER INITIAL STARTUP, A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND REMOVED FROM SERVICE. THE OPERATOR SHALL ALSO PROVIDE COMPLETE, AS BUILT, PIPING AND INSTRUMENTATION DIAGRAM(S) AND COPIES OF REQUISITION DATA SHEETS FOR ALL NON-LEAKLESS VALVES WITH A LISTING OF TAG NUMBERS.
[RULE 1303(b)(2)-OFFSET]

10. ALL COMPONENTS IN VOC SERVICE AS DEFINED IN RULE 1173, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL VALVES AND FLANGES IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
[RULE 1173]
11. IF 98.0 PERCENT OR GREATER OF THE (NON-LEAKLESS TYPE) VALVES AND THE FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 300 PPMV FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR MAY CHANGE TO A QUARTERLY INSPECTION PROGRAM WITH THE APPROVAL OF THE DISTRICT.
[RULE 1173, 1303(b)(2)-OFFSET]
12. ALL COMPONENTS IN VOC SERVICE WITH A LEAK GREATER THAN 300 PPMV BUT LESS THAN 500 PPMV, AS METHANE, MEASURED ABOVE BACKGROUND 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 DEVICE, DIAPHRAGM, HATCH, SIGHT-GLASS, AND METER, WHICH ARE NOT EXEMPTED BY RULE 1173.
[RULE 1173, 1303(b)(2)-OFFSET]
13. THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (QUARTERLY WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IN A MANNER APPROVED BY THE DISTRICT. RECORDS SHALL BE KEPT AND MAINTAINED FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 1173]
14. FINAL DRAWINGS AND/ OR SPECIFICATIONS OF THIS EQUIPMENT INSTALLED/ CONSTRUCTED SHALL BE SUBMITTED TO THE DISTRICT WITHIN 60 DAYS AFTER INITIAL START-UP. THIS SUBMISSION SHALL ALSO INCLUDE FINAL INSTALLED FUGITIVE COMPONENT COUNTS.
[RULE 1173, 1303(b)(2)-OFFSET]
15. THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178
VOC: 40 CFR 60 SUBPART Kb
HAP/TOC: 40 CFR 63 SUBPART R (MAJOR SOURCES)
HAP/TOC: 40 CFR 63 SUBPART EEEE (MAJOR SOURCES)

PERMIT TO CONSTRUCT/OPERATE

Permit No. TBD
A/N 506641

Equipment Description:

STORAGE TANK NO. 80089, 110'-0" DIA. X 50'-0" H., STEEL PAN TYPE INTERNAL FLOATING ROOF, 80,000 BARREL CAPACITY, WELDED SHELL, WELDED DECK, WITH CATEGORY A LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL AND CATEGORY A RIM-MOUNTED SINGLE WIPER SECONDARY SEAL, WITH SLOTTED GUIDEPOLE EQUIPPED WITH GASKETED SLIDING COVER AND FLOAT SLEEVE WIPER, DRAIN-DRY BREAKOUT TANK.

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. DURING ANY TIME WHEN THE TANK IS EMPTIED AFTER HAVING LAST CONTAINED A VOC WITH A REID VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149, 1303(a)(1)-BACT, 1401]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE PER YEAR AT A 4 TO 8 MONTHS INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN THE 400,000 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS (INCLUDING GASOLINE, DIESEL, JET FUEL, AND TRANSMIX), OXYGENATES (INCLUDING DENATURED ETHANOL), PETROLEUM INTERMEDIATES, AND BLENDING STOCKS NOT TO EXCEED A REID VAPOR PRESSURE OF 13 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 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(a)(1)-BACT, 1303(b)(2)-OFFSET, 1401, 40 CFR 60 SUBPART Kb]

7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.
[RULE 1149]
8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 463, 1149, 1178, 1303(b)(2)-OFFSET, 1401, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R, 40 CFR 63 SUBPART EEEE]
9. THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAN 60 DAYS AFTER INITIAL STARTUP, A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND REMOVED FROM SERVICE. THE OPERATOR SHALL ALSO PROVIDE COMPLETE, AS BUILT, PIPING AND INSTRUMENTATION DIAGRAM(S) AND COPIES OF REQUISITION DATA SHEETS FOR ALL NON-LEAKLESS VALVES WITH A LISTING OF TAG NUMBERS.
[RULE 1303(b)(2)-OFFSET]

10. ALL COMPONENTS IN VOC SERVICE AS DEFINED IN RULE 1173, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL VALVES AND FLANGES IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
[RULE 1173]
11. IF 98.0 PERCENT OR GREATER OF THE (NON-LEAKLESS TYPE) VALVES AND THE FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 300 PPMV FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR MAY CHANGE TO A QUARTERLY INSPECTION PROGRAM WITH THE APPROVAL OF THE DISTRICT.
[RULE 1173, 1303(b)(2)-OFFSET]
12. ALL COMPONENTS IN VOC SERVICE WITH A LEAK GREATER THAN 300 PPMV BUT LESS THAN 500 PPMV, AS METHANE, MEASURED ABOVE BACKGROUND 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 DEVICE, DIAPHRAGM, HATCH, SIGHT-GLASS, AND METER, WHICH ARE NOT EXEMPTED BY RULE 1173.
[RULE 1173, 1303(b)(2)-OFFSET]
13. THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (QUARTERLY WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IN A MANNER APPROVED BY THE DISTRICT. RECORDS SHALL BE KEPT AND MAINTAINED FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 1173]
14. FINAL DRAWINGS AND/ OR SPECIFICATIONS OF THIS EQUIPMENT INSTALLED/ CONSTRUCTED SHALL BE SUBMITTED TO THE DISTRICT WITHIN 60 DAYS AFTER INITIAL START-UP. THIS SUBMISSION SHALL ALSO INCLUDE FINAL INSTALLED FUGITIVE COMPONENT COUNTS.
[RULE 1173, 1303(b)(2)-OFFSET]
15. THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178
VOC: 40 CFR 60 SUBPART Kb
HAP/TOC: 40 CFR 63 SUBPART R (MAJOR SOURCES)
HAP/TOC: 40 CFR 63 SUBPART EEEE (MAJOR SOURCES)

PERMIT TO CONSTRUCT/OPERATE

Permit No. TBD
A/N 506642

Equipment Description:

STORAGE TANK NO. 80090, 110'-0" DIA. X 50'-0" H., STEEL PAN TYPE INTERNAL FLOATING ROOF, 80,000 BARREL CAPACITY, WELDED SHELL, WELDED DECK, WITH CATEGORY A LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL AND CATEGORY A RIM-MOUNTED SINGLE WIPER SECONDARY SEAL, WITH SLOTTED GUIDEPOLE EQUIPPED WITH GASKETED SLIDING COVER AND FLOAT SLEEVE WIPER, DRAIN-DRY BREAKOUT TANK.

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. DURING ANY TIME WHEN THE TANK IS EMPTIED AFTER HAVING LAST CONTAINED A VOC WITH A REID VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149, 1303(a)(1)-BACT, 1401]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE PER YEAR AT A 4 TO 8 MONTHS INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN THE 400,000 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS (INCLUDING GASOLINE, DIESEL, JET FUEL, AND TRANSMIX), OXYGENATES (INCLUDING DENATURED ETHANOL), PETROLEUM INTERMEDIATES, AND BLENDING STOCKS NOT TO EXCEED A REID VAPOR PRESSURE OF 13 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 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(a)(1)-BACT, 1303(b)(2)-OFFSET, 1401, 40 CFR 60 SUBPART Kb]

7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.
[RULE 1149]
8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 463, 1149, 1178, 1303(b)(2)-OFFSET, 1401, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R, 40 CFR 63 SUBPART EEEE]
9. THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAN 60 DAYS AFTER INITIAL STARTUP, A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND REMOVED FROM SERVICE. THE OPERATOR SHALL ALSO PROVIDE COMPLETE, AS BUILT, PIPING AND INSTRUMENTATION DIAGRAM(S) AND COPIES OF REQUISITION DATA SHEETS FOR ALL NON-LEAKLESS VALVES WITH A LISTING OF TAG NUMBERS.
[RULE 1303(b)(2)-OFFSET]

10. ALL COMPONENTS IN VOC SERVICE AS DEFINED IN RULE 1173, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL VALVES AND FLANGES IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
[RULE 1173]
11. IF 98.0 PERCENT OR GREATER OF THE (NON-LEAKLESS TYPE) VALVES AND THE FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 300 PPMV FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR MAY CHANGE TO A QUARTERLY INSPECTION PROGRAM WITH THE APPROVAL OF THE DISTRICT.
[RULE 1173, 1303(b)(2)-OFFSET]
12. ALL COMPONENTS IN VOC SERVICE WITH A LEAK GREATER THAN 300 PPMV BUT LESS THAN 500 PPMV, AS METHANE, MEASURED ABOVE BACKGROUND 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 DEVICE, DIAPHRAGM, HATCH, SIGHT-GLASS, AND METER, WHICH ARE NOT EXEMPTED BY RULE 1173.
[RULE 1173, 1303(b)(2)-OFFSET]
13. THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (QUARTERLY WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IN A MANNER APPROVED BY THE DISTRICT. RECORDS SHALL BE KEPT AND MAINTAINED FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 1173]
14. FINAL DRAWINGS AND/ OR SPECIFICATIONS OF THIS EQUIPMENT INSTALLED/ CONSTRUCTED SHALL BE SUBMITTED TO THE DISTRICT WITHIN 60 DAYS AFTER INITIAL START-UP. THIS SUBMISSION SHALL ALSO INCLUDE FINAL INSTALLED FUGITIVE COMPONENT COUNTS.
[RULE 1173, 1303(b)(2)-OFFSET]
15. THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178
VOC: 40 CFR 60 SUBPART Kb
HAP/TOC: 40 CFR 63 SUBPART R (MAJOR SOURCES)
HAP/TOC: 40 CFR 63 SUBPART EEEE (MAJOR SOURCES)

PERMIT TO CONSTRUCT/OPERATE

A/N 469050

Granted 0

Equipment Description:

MODIFICATION OF BULK TERMINAL VAPOR COLLECTION AND DISPOSAL SYSTEM NO. 1 (PREVIOUSLY PERMITTED UNDER PERMIT TO CONSTRUCT R-449620) CONSISTING OF:

1. VAPOR COLLECTION UNIT WITH A LIQUID KNOCKOUT DRUM, 3' DIA. X 7'6" H., AN INFLUENT DETONATION ARRESTOR, AND TWO 1.4 TO 50 H.P. VARIABLE FREQUENCY DRIVE VAPOR BLOWERS EQUIPPED WITH TANDEM SEALS WITH AN EXIT DETONATION ARRESTOR, COMMON TO VAPOR DISPOSAL SYSTEMS NOS. 1 AND 2 SERVING TANKS NO. 30081, 80001 THROUGH 80006, 80012, 80017, 80022, 80065, 80073 THROUGH -80083, 150051, 150062, 100057 THROUGH 100061, 100063 AND 100064.
2. VAPOR RECOVERY HEADER SERVING TANKS 9548, 25050, 178013 THROUGH 178016, AND SERVING FIVE LOADING RACKS, COMMON TO VAPOR DISPOSAL SYSTEMS NOS. 1 AND 2
3. VAPOR BLADDER TANK, WITH A VAPOR COMPRESSION/ ABSORPTION UNIT, COMMON TO VAPOR DISPOSAL SYSTEMS NOS. 1 AND 2
4. TWO (2) VAPOR HOLDING TANKS (NOS. 1 AND 2), EACH 22,000 CUBIC FEET, EACH WITH BLADDER HEIGHT MONITORING AND RECORDING SYSTEM, COMMON TO VAPOR DISPOSAL SYSTEMS NOS. 1 AND 2
5. CROSS-CONNECTION LINE AND SWITCHING VALVE TO VAPOR DISPOSAL SYSTEM NO. 2
6. THERMAL OXIDIZER (NO. 1), ENVIROPRO, FIRED ONLY ON VENT GAS FROM VAPOR HOLDING TANKS, 12'-0" DIA. 40'-0"H., WITH FOUR TWO-STAGE BURNERS, 78.8 MMBTU/HR, A CONTROL AND INSTRUMENTATION SYSTEM, PROPANE FIRED PILOTS

BY THE ADDITION OF

1. NEW CONNECTIONS BETWEEN VAPOR COLLECTION UNIT AND TANKS NOS. 80084 THRU 80090.

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 EQUIPMENT SHALL VENT NO MORE THAN TWO TANKS IN DRAIN-DRY/REFILLING OR DEGASSING OPERATION AT ANY ONE TIME.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

4. THIS INCINERATOR SHALL BE IN OPERATION DURING DEGASSING OR DRAIN-DRY/REFILLING OPERATION OF A TANK IT SERVES.
[RULE 1149]
5. THE OPERATOR SHALL LIMIT THE FLOW RATE OF THE VENT GASES TO THIS EQUIPMENT TO NO MORE THAN 2100 STANDARD CUBIC FEET PER MINUTE. TO COMPLY WITH THIS CONDITION, THE OPERATOR SHALL INSTALL, MAINTAIN AND OPERATE A FLOW METER TO MONITOR AND RECORD THE FLOW RATE OF THE GASES SENT TO THE INCINERATOR AT LEAST ONCE EVERY MINUTE.
[RULE 1301(a)(1)-BACT, 1303(b)(2)-OFFSET]
6. KMLT SHALL MAINTAIN A SAMPLING AND TESTING FACILITY IN ACCORDANCE WITH RULE 217.
[RULE 217]
7. ANNUAL SOURCE TEST SHALL BE CONDUCTED TO DETERMINE DESTRUCTION EFFICIENCY OF THE UNIT, ACCORDING TO DISTRICT APPROVED TEST PROTOCOL. THE TEST DATA SHALL BE SUBMITTED TO THE DISTRICT WITHIN 60 DAYS FROM THE DATE THE TEST WAS CONDUCTED.
[RULE 462, 1149, 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]
8. THIS VAPOR RECOVERY SYSTEM SHALL BE CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD FOR A MAXIMUM GASOLINE THROUGHPUT FOR THE FIVE LOADING RACKS
[RULE 462]
9. BLADDER NOS. 1 AND 2 SHALL NOT EXCEED A HEIGHT OF 32'-11" FOR MORE THAN FIVE MINUTES OR OTHER MAXIMUM HEIGHT AS SPECIFIED BY THE EXECUTIVE OFFICER IN WRITING. BLADDER HEIGHTS SHALL BE MONITORED AND RECORDED AS APPROVED BY THE EXECUTIVE OFFICER.
[RULE 204]
10. THE OPERATOR SHALL ENSURE THAT ALL RECORDING DEVICES ARE SYNCHRONIZED WITH RESPECT TO THE TIME OF DAY.
[RULE 204]
11. THE OPERATOR SHALL NOTIFY THE EXECUTIVE OFFICER, WITHIN 24 HOURS, IN THE EVENT OF A CONTINUOUS MONITORING SYSTEM (CMS) OR RECORDER FAILURE OR SHUTDOWN WHICH EXCEEDS ONE HOUR. THE NOTIFICATION SHALL INCLUDE THE REASON AND LENGTH OF TIME FOR FAILURE OR SHUTDOWN, THE TIME THE SYSTEM WAS RETURNED TO OPERATION, TYPE OF MAINTENANCE OR CORRECTIVE WORK PERFORMED, AND ACTIONS TAKEN TO PREVENT FUTURE FAILURES. THE CMS AND RECORDER SHALL BE RESTORED TO NORMAL OPERATION WITHIN 96 HOURS OF FAILURE.
[RULE 462]
12. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE CONDITIONS IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 462, 1149, 1173, 1303(a)(1)-BACT, 1303(b)(2)-OFFSET, 40 CFR 63 SUBPART R, 40 CFR 63 SUBPART EEEE]
13. THIS INCINERATOR SHALL BE OPERATED AT A TEMPERATURE OF 1200 DEGREES FAHRENHEIT OR GREATER. THE TEMPERATURE OF THE THERMAL OXIDIZER SHALL BE MONITORED AND RECORDED AS APPROVED BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]

14. THE OPERATOR SHALL INSTALL AND MAINTAIN THE THERMOCOUPLE AT A POSITION NOT LESS THAN 35 FEET ABOVEGROUND AND WITHIN THE EXHAUST STACK OF THE THERMAL OXIDIZER TO ACCURATELY MEASURE THE TEMPERATURE OF THE EXHAUST GAS.
[RULE 1303(a)(1)-BACT]
15. THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.
[RULE 204]

Periodic Monitoring:

16. THE OPERATOR SHALL MONITOR LEAKS FROM THIS EQUIPMENT ACCORDING TO RULE 1173.
[RULE 463, 1173, 3004(a)(4)-PERIODIC MONITORING]
17. THE OPERATOR SHALL INSTALL AND MAINTAIN A CHART RECORDER TO RECORD THE TEMPERATURE OF THE EXHAUST GASES IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE MOST RECENT APPROVED RULE 462 PLAN, UNLESS OTHERWISE NOTED BELOW.
[RULE 1303(a)(1)-BACT, RULE 3004(a)(4)-PERIODIC MONITORING]
18. THE OPERATOR SHALL CONDUCT PERFORMANCE TESTING OF THE CONTROL EQUIPMENT AT LEAST ONCE EVERY THREE (3) YEARS TO DETERMINE THE VOLATILE ORGANIC COMPOUNDS (VOC) EMISSION RATE (IN POUNDS PER 1000 GALLONS LOADED) AND THE VOC CONTROL EFFICIENCY. COMPLIANCE WITH THE ANNUAL TEST REQUIREMENT WILL BE CONSIDERED COMPLIANCE WITH THIS CONDITION.
[RULE 463, 3004(a)(4)-PERIODIC MONITORING]
19. THE OPERATOR SHALL EITHER CONDUCT PERFORMANCE TESTING OF THE CONTROL EQUIPMENT AT LEAST ONCE EVERY THREE YEARS IN ACCORDANCE WITH AQMD-APPROVED TEST PROCEDURES OR MONITOR EXHAUST STACK ON AN ANNUAL BASIS WITH AN AQMD-APPROVED PORTABLE ANALYZER TO DETERMINE THE CO EMISSIONS (IN PPM)
[RULE 407, 3004(a)(4)-PERIODIC MONITORING]

Emissions and Requirements:

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

CO: 2000 PPM, RULE 407
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: 0.01 GRAINS/SCF, RULE 409
VOC: 0.08 LB/1000 GALLONS, RULE 462
VOC: 0.0565 LB/1000 GALLONS, RULE 1303(b)(1)-OFFSET
VOC: ≥95% CONTROL EFFICIENCY, RULE 463, 1178
VOC: RULE 1149
TOC/VOC: 35 MG/L, 40 CFR 60 SUBPART XX
HAP/TOC: 10 MG/L, 40 CFR 63 SUBPART R (MAJOR SOURCES)
HAP/TOC: 40 CFR 63 SUBPART EEEE (MAJOR SOURCES)

PERMIT TO CONSTRUCT/OPERATE

Permit No. TBD
A/N 469051

Equipment Description:

MODIFICATION OF BULK TERMINAL VAPOR COLLECTION AND DISPOSAL SYSTEM NO. 2 (PREVIOUSLY PERMITTED UNDER PERMIT TO CONSTRUCT R-449622) CONSISTING OF:

1. VAPOR COLLECTION UNIT WITH A LIQUID KNOCKOUT DRUM, 3' DIA. X 7'6" H., AN INFLUENT DETONATION ARRESTOR, AND TWO 1.4 TO 50 H.P. VARIABLE FREQUENCY DRIVE VAPOR BLOWERS EQUIPPED WITH TANDEM SEALS WITH AN EXIT DETONATION ARRESTOR, COMMON TO VAPOR DISPOSAL SYSTEMS NOS. 1 AND 2 SERVING TANKS NO. 30081, 80001 THROUGH 80006, 80012, 80017, 80022, 80065, 80073 THROUGH 80083, 150051, 150062, 100057 THROUGH 100061, 100063 AND 100064.
2. VAPOR RECOVERY HEADER SERVING TANKS 9548, 25050, 178013 THROUGH 178016, AND SERVING FIVE LOADING RACKS, COMMON VAPOR DISPOSAL SYSTEMS NOS. 1 AND 2
3. VAPOR BLADDER TANK, WITH A VAPOR COMPRESSION/ ABSORPTION UNIT, COMMON TO VAPOR DISPOSAL SYSTEMS NOS. 1 AND 2
4. TWO (2) VAPOR HOLDING TANKS (NOS. 1 AND 2), EACH 22,000 CUBIC FEET, EACH WITH BLADDER HEIGHT MONITORING AND RECORDING SYSTEM, COMMON TO VAPOR DISPOSAL SYSTEMS NOS. 1 AND 2
5. CROSS-CONNECTION LINE AND SWITCHING VALVE TO VAPOR DISPOSAL SYSTEM NO. 1
6. THERMAL OXIDIZER (NO. 2), ENVIROPRO, FIRED ONLY ON VENT GAS FROM VAPOR HOLDING TANKS, 12'-0" DIA. 40'-0"H., WITH FOUR TWO-STAGE BURNERS OPERATING IN PRIMARY STAGE ONLY, 22.5 MMBTU/HR, A CONTROL AND INSTRUMENTATION SYSTEM, PROPANE FIRED PILOTS

BY THE ADDITION OF

1. NEW CONNECTIONS BETWEEN VAPOR COLLECTION UNIT AND TANKS NOS. 80084 THRU 80090.

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 EQUIPMENT SHALL VENT NO MORE THAN TWO TANKS IN DRAIN-DRY/REFILLING OR DEGASSING OPERATION AT ANY ONE TIME.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

4. THIS INCINERATOR SHALL BE IN OPERATION DURING DEGASSING OR DRAIN-DRY/REFILLING OPERATION OF A TANK IT SERVES.
[RULE 1149]
5. THE OPERATOR SHALL LIMIT THE FLOW RATE OF THE VENT GASES TO THIS EQUIPMENT TO NO MORE THAN 600 STANDARD CUBIC FEET PER MINUTE. TO COMPLY WITH THIS CONDITION, THE OPERATOR SHALL INSTALL, MAINTAIN AND OPERATE A FLOW METER TO MONITOR AND RECORD THE FLOW RATE OF THE GASES SENT TO THE INCINERATOR AT LEAST ONCE EVERY MINUTE.
[RULE 1301(a)(1)-BACT, 1303(b)(2)-OFFSET]
6. KMLT SHALL MAINTAIN A SAMPLING AND TESTING FACILITY IN ACCORDANCE WITH RULE 217.
[RULE 217]
7. ANNUAL SOURCE TEST SHALL BE CONDUCTED TO DETERMINE DESTRUCTION EFFICIENCY OF THE UNIT, ACCORDING TO DISTRICT APPROVED TEST PROTOCOL. THE TEST DATA SHALL BE SUBMITTED TO THE DISTRICT WITHIN 60 DAYS FROM THE DATE THE TEST WAS CONDUCTED.
[RULE 462, 1149, 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]
8. THIS VAPOR RECOVERY SYSTEM SHALL BE CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD FOR A MAXIMUM GASOLINE THROUGHPUT FOR THE FIVE LOADING RACKS
[RULE 462]
9. BLADDER NOS. 1 AND 2 SHALL NOT EXCEED A HEIGHT OF 32'-11" FOR MORE THAN FIVE MINUTES OR OTHER MAXIMUM HEIGHT AS SPECIFIED BY THE EXECUTIVE OFFICER IN WRITING. BLADDER HEIGHTS SHALL BE MONITORED AND RECORDED AS APPROVED BY THE EXECUTIVE OFFICER.
[RULE 204]
10. THE OPERATOR SHALL ENSURE THAT ALL RECORDING DEVICES ARE SYNCHRONIZED WITH RESPECT TO THE TIME OF DAY.
[RULE 204]
11. THE OPERATOR SHALL NOTIFY THE EXECUTIVE OFFICER, WITHIN 24 HOURS, IN THE EVENT OF A CONTINUOUS MONITORING SYSTEM (CMS) OR RECORDER FAILURE OR SHUTDOWN WHICH EXCEEDS ONE HOUR. THE NOTIFICATION SHALL INCLUDE THE REASON AND LENGTH OF TIME FOR FAILURE OR SHUTDOWN, THE TIME THE SYSTEM WAS RETURNED TO OPERATION, TYPE OF MAINTENANCE OR CORRECTIVE WORK PERFORMED, AND ACTIONS TAKEN TO PREVENT FUTURE FAILURES. THE CMS AND RECORDER SHALL BE RESTORED TO NORMAL OPERATION WITHIN 96 HOURS OF FAILURE.
[RULE 462]
12. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE CONDITIONS IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 462, 1149, 1173, 1303(a)(1)-BACT, 1303(b)(2)-OFFSET, 40 CFR 63 SUBPART R, 40 CFR 63 SUBPART EEEE]
13. THIS INCINERATOR SHALL BE OPERATED AT A TEMPERATURE OF 1200 DEGREES FAHRENHEIT OR GREATER. THE TEMPERATURE OF THE THERMAL OXIDIZER SHALL BE MONITORED AND RECORDED AS APPROVED BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]

14. THE OPERATOR SHALL INSTALL AND MAINTAIN THE THERMOCOUPLE AT A POSITION NOT LESS THAN 35 FEET ABOVEGROUND AND WITHIN THE EXHAUST STACK OF THE THERMAL OXIDIZER TO ACCURATELY MEASURE THE TEMPERATURE OF THE EXHAUST GAS.
[RULE 1303(a)(1)-BACT]
15. THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.
[RULE 204]

Periodic Monitoring:

16. THE OPERATOR SHALL MONITOR LEAKS FROM THIS EQUIPMENT ACCORDING TO RULE 1173.
[RULE 463, 1173, 3004(a)(4)-PERIODIC MONITORING]
17. THE OPERATOR SHALL INSTALL AND MAINTAIN A CHART RECORDER TO RECORD THE TEMPERATURE OF THE EXHAUST GASES IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE MOST RECENT APPROVED RULE 462 PLAN, UNLESS OTHERWISE NOTED BELOW.
[RULE 1303(a)(1)-BACT, RULE 3004(a)(4)-PERIODIC MONITORING]
18. THE OPERATOR SHALL CONDUCT PERFORMANCE TESTING OF THE CONTROL EQUIPMENT AT LEAST ONCE EVERY THREE (3) YEARS TO DETERMINE THE VOLATILE ORGANIC COMPOUNDS (VOC) EMISSION RATE (IN POUNDS PER 1000 GALLONS LOADED) AND THE VOC CONTROL EFFICIENCY. COMPLIANCE WITH THE ANNUAL TEST REQUIREMENT WILL BE CONSIDERED COMPLIANCE WITH THIS CONDITION.
[RULE 463, 3004(a)(4)-PERIODIC MONITORING]
19. THE OPERATOR SHALL EITHER CONDUCT PERFORMANCE TESTING OF THE CONTROL EQUIPMENT AT LEAST ONCE EVERY THREE YEARS IN ACCORDANCE WITH AQMD-APPROVED TEST PROCEDURES OR MONITOR EXHAUST STACK ON AN ANNUAL BASIS WITH AN AQMD-APPROVED PORTABLE ANALYZER TO DETERMINE THE CO EMISSIONS (IN PPM)
[RULE 407, 3004(a)(4)-PERIODIC MONITORING]

Emissions and Requirements:

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

CO: 2000 PPM, RULE 407
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: 0.01 GRAINS/SCF, RULE 409
VOC: 0.08 LB/1000 GALLONS, RULE 462
VOC: 0.0565 LB/1000 GALLONS, RULE 1303(b)(1)-OFFSET
VOC: ≥95% CONTROL EFFICIENCY, RULE 463, 1178
VOC: RULE 1149
TOC/VOC: 35 MG/L, 40 CFR 60 SUBPART XX
HAP/TOC: 10 MG/L, 40 CFR 63 SUBPART R (MAJOR SOURCES)
HAP/TOC: 40 CFR 63 SUBPART EEEE (MAJOR SOURCES)