

FACILITY PERMIT TO OPERATE SFPP, LP

PERMIT TO CONSTRUCT

Granted as of TBA
A/N 472642

Equipment Description:

ALTER EXISTING VAPOR COLLECTION AND DISPOSAL SYSTEM CONSISTING OF:

1. ONE VAPOR COMBUSTION UNIT, 168 MM BTU/HR, JOHN ZINK, FOUR PILOTS FIRED WITH LPG ONLY, AND AN 11'-6" DIA. x 60'-0" H., STACK.
2. SATURATOR, ABOVEGROUND, CAPACITY 1,600 BBL, 15'-0" DIA. x 50'-0" L., VENTED TO THE VAPOR HOLDER.
3. VAPOR HOLDER, CAPACITY 24,000 BBL, 60'-0" DIA. x 48'-0" H., WITH AN EXPANDABLE BLADDER.
4. THREE SATURATOR GASOLINE PUMPS, CENTRIFUGAL, EACH WITH DOUBLE MECHANICAL SEALS, AND A 25 H.P. MOTOR.
5. BLOWER, MAXIMUM CAPACITY 2000 CFM, WITH A 15 H.P. MOTOR.
6. TWO BLOWERS (PARALLEL), EACH WITH A MAXIMUM CAPACITY OF 2000 CFM, AND A 50 H.P. MOTOR.
7. TWO SURGE TUBES, 2'-6" DIA. X 140'-0" L., VENTED TO THE SATURATOR TANK.

AND SERVING TANK NUMBERS W-1, W-2, W-3, W-4, W-5, W-6, W-7, W-8, W-9, W-10, W-11, W-12, W-13, W-14, AND W-15 (FOR DRAIN-DRY AND DEGASSING PURPOSES).

BY THE ADDITION OF:

1. TWO SURGE TUBES, EACH 2'-6" DIA. X 140'-0" L.
2. TWO SURGE TANKS, EACH WITH A 60 BBL CAPACITY.
3. ONE SURGE TANK WITH A 90 BBL CAPACITY.

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]

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2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE TEMPERATURE BEING MONITORED, AS INDICATED BELOW, IS NOT LESS THAN 1400 DEG. F.
[RULE 1303 (a)(1), BACT 3004 (a)(4)]
4. THE OPERATOR SHALL SUBMIT A TEST PROTOCOL TO THE DISTRICT FOR APPROVAL FOR A LOWER TEMPERATURE TO ACHIEVE AT LEAST 95% EFFICIENCY.
[RULE 1178]
5. THE OPERATOR SHALL CONDUCT A SOURCE TEST(S) FOR VOC EMISSIONS BY AN APPROVED DISTRICT METHOD FROM THE INLET AND THE OUTLET OF THE STACK. THE TEST(S) SHALL BE CONDUCTED ONCE EVERY THREE YEARS.
[RULE 463]
6. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT TO PROCESS MORE THAN 2000 SCFM OF HYDROCARBON CONTAINING VAPORS.
[RULE 1303 (b)(2), OFFSETS]

Periodic Monitoring:

7. THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE GAUGE TO ACCURATELY INDICATE THE TEMPERATURE IN THE COMBUSTION CHAMBER.
[RULE 1303 (a)(1), RULE 3004 (a)(4)]
8. THE OPERATOR SHALL ALSO INSTALL AND MAINTAIN A DEVICE TO CONTINUOUSLY RECORD THE OPERATING TEMPERATURE OF THE COMBUSTION CHAMBER IN DEGREES FAHRENHEIT.
[RULE 1303 (a)(1), RULE 3004 (a)(4)]

Emissions and Requirements:

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

CO: 2000 PPMV, RULE 407
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: 0.1 GRAINS/SCF, RULE 409
VOC: RULE 1149
VOC: 95%, RULE 1303 (a)(1)-BACT