

PERMIT TO CONSTRUCT/OPERATE

Permit No. TBD
A/N 504556

Equipment Description:

INTERNAL COMBUSTION ENGINE, CLARKE, MODEL JU6H-UFAD58, DIESEL-FUELED, 4-CYCLE, 183 BHP, WITH MINIMUM 10 FT. EXHAUST STACK, POWERING AN EMERGENCY FIRE PUMP.

Conditions:

1. 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 SULFUR CONTENT OF THE FUEL OIL SUPPLIED TO THE ENGINE SHALL NOT EXCEED 15 PPM BY WEIGHT.
[RULE 431.2, 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 204, 1304(a)(4)-MODELING/OFFSET EXEMPTION, 40 CFR PART 60 SUBPART III]
5. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING.
[RULE 1303(a)(1)-BACT, 1304(a)(4)-MODELING/OFFSET EXEMPTION, 1470]
6. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG:
 - A. THE TOTAL HOURS OF ENGINE OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
 - B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.ENGINE OPERATION LOG(S) SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST.
[RULE 204]
7. THE OPERATOR SHALL KEEP A LOG OF ENGINE OPERATIONS DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND THE SPECIFIC REASON FOR OPERATION AS:
 - A. EMERGENCY USE
 - B. MAINTENANCE AND TESTING
 - C. OTHER (BE SPECIFIC)

IN ADDITION, FOR EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF ENGINE OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND THE END OF OPERATION.

[RULE 204]

8. THIS PERMIT TO CONSTRUCT SHALL EXPIRE (ONE YEAR FROM DATE OF ISSUANCE).
[RULE 205]
9. OPERATOR SHALL MAINTAIN PURCHASE RECORDS TO DEMONSTRATE THE FUEL USED IN THIS EQUIPMENT MEETS CARB DIESEL SPECIFICATIONS.
[RULE 431.2, 1470]

Periodic Monitoring: NONE

Emissions and Requirements:

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

NOX + ROG	3.0 GM/BHP-HR	40 CFR 60 SUBPART III, RULE 1303(a)(1)-BACT
CO	2.6 GM/BHP-HR	40 CFR 60 SUBPART III, RULE 1303(a)(1)-BACT
PM	0.15 GM/BHP-HR	40 CFR 60 SUBPART III, RULE 1303(a)(1)-BACT
HAP:	40 CFR 63 SUBPART ZZZZ	
PM:	RULE 1470	
PM:	RULE 404, SEE APPENDIX B	