

## **FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC**

### **Facility Equipment and Requirements (Section D)**

This section consists of a table listing all permitted equipment at the facility, facility wide requirements, all individual Permits to Construct and Permits to Operate issued to various equipment at the facility, and Rule 219-exempt equipment subject to source-specific requirements. Each permit and Rule 219-exempt equipment will list operating conditions including periodic monitoring requirements, and applicable emission limits and requirements that the equipment is subject to. Also included is the rule origin and authority of each emission limit and permit condition.

## FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC

### PERMITTED EQUIPMENT LIST

THE FOLLOWING IS A LIST OF ALL PERMITS TO CONSTRUCT AND PERMITS TO OPERATE AT THIS FACILITY:

Application number	Permit to Operate number	Equipment description
203235	D18812	ICE (50-500 BHP), EM ELECTRICAL GEN, DIESEL
203236	D18813	ICE (50-500 BHP), EM ELECTRICAL GEN, DIESEL
503563	G9658	BOILER, NAT GAS & OIL, > 20=50 MMBTU/HR
503564	G9657	BOILER, NAT GAS & OIL, > 20=50 MMBTU/HR
503565	G9659	BOILER, NAT GAS & OIL, > 20=50 MMBTU/HR
322747	F5227	ICE (>500 BHP), EM ELECTRICAL, GEN, DIESEL
322761	F5228	ICE (>500 BHP), EM ELECTRICAL, GEN, DIESEL
322762	F5229	ICE (>500 BHP), EM ELECTRICAL, GEN, DIESEL
322763	F5231	ICE (>500 BHP), EM ELECTRICAL, GEN, DIESEL
322764	F5232	ICE (>500 BHP), EM ELECTRICAL, GEN, DIESEL
409585	F57604	ICE (50-500 BHP), EM ELECTRICAL GEN, DIESEL
G02457	P67591	SPRAY BOOTH PAINT & SOLVENT
524583	TBD	ICE (>500 BHP), EM ELECTRICAL, GEN, DIESEL
524585	TBD	ICE (>500 BHP), EM ELECTRICAL, GEN, DIESEL
524586	TBD	ICE (>500 BHP), EM ELECTRICAL, GEN, DIESEL

**NOTE:** EQUIPMENT LISTED ABOVE THAT HAVE NO CORRESPONDING PERMITS TO OPERATE NUMBER ARE ISSUED PERMITS TO CONSTRUCT. THE ISSUANCE OR DENIAL OF THEIR PERMITS TO OPERATE IS SUBJECT TO ENGINEERING FINAL REVIEW. ANY OTHER APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT OR PERMITS TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT.

## **FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC**

### **FACILITY WIDE CONDITION(S)**

**Condition(s):**

1. EXCEPT FOR OPEN ABRASIVE BLASTING OPERATIONS, THE OPERATOR SHALL NOT DISCHARGE INTO THE ATMOSPHERE FROM ANY SINGLE SOURCE OF EMISSIONS WHATSOEVER ANY AIR CONTAMINANT FOR A PERIOD OR PERIODS AGGREGATING MORE THAN THREE MINUTES IN ANY ONE HOUR WHICH IS:
  - A. AS DARK OR DARKER IN SHADE AS THAT DESIGNATED NO. 1 ON THE RINGLEMANN CHART, AS PUBLISHED BY THE UNITED STATES BUREAU OF MINES; OR
  - B. OF SUCH OPACITY AS TO OBSCURE AN OBSERVER'S VIEW TO A DEGREE EQUAL TO OR GREATER THAN DOES SMOKE DESCRIBED IN SUBPARAGRAPH (A) OF THIS CONDITION.  
[RULE 401]
2. THE OPERATOR SHALL ONLY USE DIESEL FUEL WITH A SULFUR CONTENT THAT DOES NOT EXCEED 15 PPM BY WEIGHT, UNLESS THE OPERATOR DEMONSTRATES IN WRITING TO THE EXECUTIVE OFFICER THAT SPECIFIC ADDITIONAL TIME IS NECESSARY.  
[RULE 431.2]

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### PERMIT TO OPERATE

Permit No.D18812  
A/N 203235

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 7083-7305, SERIAL NO. 8VA319075, DIESEL-FUELED 8 CYLINDERS, TURBOCHARGED, 370 BHP.

#### 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. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1304 (a)]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING.  
[RULE 1304 (a), 1470(C)(3)]
5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED, DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:
  - A. EMERGENCY USE;
  - B. MAINTENANCE AND TESTING;
  - C. OTHER (DESCRIBE THE REASON FOR OPERATING).

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

[RULE 1304 (a)]

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6. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:
- 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.

THE ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.

[RULE 1304 (a)]

7. THE OPERATION OF THIS ENGINE BEYOND 30 HOURS PER YEAR FOR MAINTENANCE AND PERFORMANCE TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE.

ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.

[RULE 1304 (a)]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.  
[RULE 1470]

### **Emissions And Requirements:**

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

PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC**

### **PERMIT TO OPERATE**

**Permit No.D18813  
A/N 203236**

#### **Equipment Description:**

INTERNAL COMBUSTION ENGINE, DETROIT, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 1063-7000, SERIAL NO. 64024475, DIESEL-FUELED, 6 CYLINDERS, NATURALLY ASPIRATED, 215 BHP.

#### **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. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1304 (a)]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING.  
[RULE 1304 (a), 1470(C)(3)]
5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED, DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:
  - A. EMERGENCY USE;
  - B. MAINTENANCE AND TESTING;
  - C. OTHER (DESCRIBE THE REASON FOR OPERATING).

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

[RULE 1304 (a)]

## **FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC**

6. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:
- 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.

THE ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.

[RULE 1304 (a)]

7. THE OPERATION OF THIS ENGINE BEYOND 30 HOURS PER YEAR FOR MAINTENANCE AND PERFORMANCE TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE.

ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.

[RULE 1304 (a)]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.  
[RULE 1470]

### **Emissions And Requirements:**

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

PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS

## FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC

### PERMIT TO OPERATE

**Permit No. G9658  
A/N 503563**

#### **Equipment Description:**

BOILER NO. 1, CLEAVER BROOKS, FIRE-TUBE TYPE, MODEL NO. CBI-200-800, SERIAL NO. 0L090682, WITH A LOW NOX BURNER, CLEAVER BROOKS, MODEL NO. NTS336LGA-09S-1P, 33,600,000 BTU/HR, NATURAL GAS AND FUEL OIL FIRED BURNER, A 50 H.P. COMBUSTION AIR BLOWER, A FORCED FLUE GAS RECIRCULATION SYSTEM, AND A CLEAVER BROOKS OXYGEN TRIM SYSTEM.

#### **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. FLUE GAS RECIRCULATION SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.  
[RULE 1146]
4. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTING TOTALIZING FUEL METER FOR EACH FUEL USED IN THIS EQUIPMENT.  
[RULE 1146]
5. THE EXHAUST STACK HEIGHT OF THIS BOILER SHALL BE 50 FEET OR GREATER.  
[RULE 1401]
6. THIS BOILER SHALL BE OPERATED IN FULL COMPLIANCE WITH THE APPLICABLE PROVISIONS OF RULE 1146.  
[RULE 1146]
7. THIS BOILER SHALL BE FIRED WITH NATURAL GAS ONLY, EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT, DURING MAINTENANCE TESTING NOT TO EXCEED ½ HOUR.  
[RULE 1303(a)(1)-BACT]
8. THE BURNER SHALL BE EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE THE COMBUSTION AIR AND FUEL AS THE BOILER LOAD VARIES. THIS AUTOMATIC CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED AT LEAST TWICE A YEAR, ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO ASSURE ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME BURNER FIRING RATE.  
[RULE 1146]

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9. BY JANUARY 1, 2012, THIS BOILER SHALL EMIT NO MORE THAN 9 PPM FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO<sub>2</sub>, AND 50 PPM OF CARBON MONOXIDE (CO) WHEN FIRING ON NATURAL GAS, AND 40 PPM FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO<sub>2</sub>, AND 50 PPM OF CARBON MONOXIDE (CO) WHEN FIRING ON FUEL OIL, ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN.  
[RULE 1303 (a)(1) - BACT, RULE 1146]
10. THE OPERATOR SHALL ALSO INSTALL AND MAINTAIN TWO FLOW CHART RECORDERS. ONE RECORDER SHALL CONTINUOUSLY RECORD THE NATURAL GAS BEING MEASURED (IN CUBIC FEET/MIN), AND ANOTHER RECORDER SHALL CONTINUOUSLY RECORD THE FUEL OIL BEING MEASURED (IN CUBIC FEET/MIN), TO ENSURE COMPLIANCE WITH THE FUEL USAGE LIMITS IN CONDITION NO. 15. RECORDS SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.  
[RULE 1146]
11. THE EQUIPMENT SHALL COMPLY WITH THE TUNE-UP REQUIREMENTS OF RULE 1146. RECORDS SHALL BE MAINTAINED OF THE DATE OF EACH TUNE-UP, THE COMPANY PERFORMING THE TUNE-UP, AND THE TUNE-UP CO AND O<sub>2</sub> RESULTS. RECORDS SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.  
[RULE 1146]

### **Periodic Monitoring:**

12. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX EMISSION LIMIT(S) EITHER BY: (a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY THREE YEARS USING AQMD METHOD 100.1 OR 7.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.  
[RULE 3004 (a)(4)]
13. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE CO EMISSION LIMIT(S) EITHER BY: (a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 100.1 OR 10.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD.. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.  
[RULE 3004 (a)(4)]
14. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSION FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THIS EQUIPMENT HAS COMBUSTED ONE MILLION GALLONS OF DIESEL FUEL, TO BE COUNTED CUMULATIVELY OVER A FIVE YEAR PERIOD. THE INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT

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IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE HOUR, THE OPERATOR SHALL EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN THE SAME FASHION AS DEVIATIONS ARE REQUIRED TO BE REPORTED IN SECTION K OF THIS PERMIT;

OR

- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

IN ADDITION, THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.  
[RULE 3004 (a)(4)]

### **Emissions And Requirements:**

15. IF THIS BOILER BURNS MORE THAN 200,000,000,000 (200 BILLION) BTUS OF FUEL OIL IN ANY ONE CALENDAR YEAR, THE BOILER OPERATOR SHALL INSTALL AND OPERATE BY MARCH 1 OF THE FOLLOWING YEAR, AN OXIDES OF NITROGEN CONTINUOUS EMISSION MONITORING SYSTEM THAT IS APPROVED BY THE EXECUTIVE OFFICER IN ACCORDANCE WITH RULE 218(b) AND SHALL CONTINUE TO OPERATE IT FOR THE LIFE OF THE BOILER.  
[RULE 1146, 218(b)]
16. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- NOx: 9 PPMV, RULE 1146 - (1/1/2012)
  - NOx: 30 PPMV, RULE 1146
  - NOx: 20 PPMV, RULE 1303 (a)(1) - BACT
  - CO: 400 PPMV, RULE 1146
  - CO: 50 PPMV, RULE 1303 (a)(1) - BACT
  - CO: 2000 PPMV, RULE 407
  - PM: 0.1 GR/SCF, RULE 409

## **FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC**

### **PERMIT TO OPERATE**

**Permit No. G9657  
A/N 503564**

#### **Equipment Description:**

BOILER NO.2, CLEAVER BROOKS, FIRE-TUBE TYPE, MODEL NO. CB-700-800, SERIAL NO. L90683, WITH A LOW NOX BURNER, CLEAVER BROOKS, MODEL NO. NTS336LGA-09S-1P, 33,600,000 BTU/HR, NATURAL GAS AND FUEL OIL FIRED BURNER, A 50 H.P. COMBUSTION AIR BLOWER, A FORCED FLUE GAS RECIRCULATION SYSTEM, AND A CLEAVER BROOKS OXYGEN TRIM SYSTEM.

#### **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. FLUE GAS RECIRCULATION SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.  
[RULE 1146]
4. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE TOTALIZING FUEL METER FOR EACH FUEL USED IN THIS EQUIPMENT.  
[RULE 1146]
5. THE EXHAUST STACK HEIGHT OF THIS BOILER SHALL BE 50 FEET OR GREATER.  
[RULE 1401]
6. THIS BOILER SHALL BE OPERATED IN FULL COMPLIANCE WITH THE APPLICABLE PROVISIONS OF RULE 1146.  
[RULE 1146]
7. THIS BOILER SHALL BE FIRED WITH NATURAL GAS ONLY, EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT, DURING MAINTENANCE TESTING NOT TO EXCEED ½ HOUR.  
[RULE 1303(a)(1)-BACT]
8. THE BURNER SHALL BE EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE THE COMBUSTION AIR AND FUEL AS THE BOILER LOAD VARIES. THIS AUTOMATIC CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED AT LEAST TWICE A YEAR, ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO ASSURE ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME BURNER FIRING RATE.  
[RULE 1146]

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9. BY JANUARY 1, 2012, THIS BOILER SHALL EMIT NO MORE THAN 9 PPM FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO<sub>2</sub>, AND 50 PPM OF CARBON MONOXIDE (CO) WHEN FIRING ON NATURAL GAS, AND 40 PPM FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO<sub>2</sub>, AND 50 PPM OF CARBON MONOXIDE (CO) WHEN FIRING ON FUEL OIL, ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN.  
[RULE 1303 (a)(1) - BACT, RULE 1146]
10. THE OPERATOR SHALL ALSO INSTALL AND MAINTAIN TWO FLOW CHART RECORDERS. ONE RECORDER SHALL CONTINUOUSLY RECORD THE NATURAL GAS BEING MEASURED (IN CUBIC FEET/MIN), AND ANOTHER RECORDER SHALL CONTINUOUSLY RECORD THE FUEL OIL BEING MEASURED (IN CUBIC FEET/MIN), TO ENSURE COMPLIANCE WITH THE FUEL USAGE LIMITS IN CONDITION NO. 15. RECORDS SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.  
[RULE 1146]
11. THE EQUIPMENT SHALL COMPLY WITH THE TUNE-UP REQUIREMENTS OF RULE 1146. RECORDS SHALL BE MAINTAINED OF THE DATE OF EACH TUNE-UP, THE COMPANY PERFORMING THE TUNE-UP, AND THE TUNE-UP CO AND O<sub>2</sub> RESULTS. RECORDS SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.  
[RULE 1146]

### **Periodic Monitoring:**

12. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX EMISSION LIMIT(S) EITHER BY: (a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY THREE YEARS USING AQMD METHOD 100.1 OR 7.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.  
[RULE 3004 (a)(4)]
13. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE CO EMISSION LIMIT(S) EITHER BY: (a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 100.1 OR 10.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD.. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.  
[RULE 3004 (a)(4)]
14. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSION FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THIS EQUIPMENT HAS COMBUSTED ONE MILLION GALLONS OF DIESEL FUEL, TO BE COUNTED CUMULATIVELY OVER A FIVE YEAR PERIOD. THE INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT

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IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE HOUR, THE OPERATOR SHALL EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN THE SAME FASHION AS DEVIATIONS ARE REQUIRED TO BE REPORTED IN SECTION K OF THIS PERMIT;

OR

- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

IN ADDITION, THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.  
[RULE 3004 (a)(4)]

### **Emissions And Requirements:**

15. IF THIS BOILER BURNS MORE THAN 200,000,000,000 (200 BILLION) BTUS OF FUEL OIL IN ANY ONE CALENDAR YEAR, THE BOILER OPERATOR SHALL INSTALL AND OPERATE BY MARCH 1 OF THE FOLLOWING YEAR, AN OXIDES OF NITROGEN CONTINUOUS EMISSION MONITORING SYSTEM THAT IS APPROVED BY THE EXECUTIVE OFFICER IN ACCORDANCE WITH RULE 218(b) AND SHALL CONTINUE TO OPERATE IT FOR THE LIFE OF THE BOILER.  
[RULE 1146, 218(b)]
16. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- NOx: 9 PPMV, RULE 1146 - (1/1/2012)
  - NOx: 30 PPMV, RULE 1146
  - NOx: 20 PPMV, RULE 1303 (a)(1) - BACT
  - CO: 400 PPMV, RULE 1146
  - CO: 50 PPMV, RULE 1303 (a)(1) - BACT
  - CO: 2000 PPMV, RULE 407
  - PM: 0.1 GR/SCF, RULE 409

## **FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC**

### **PERMIT TO OPERATE**

**Permit No. G9659  
A/N 503565**

#### **Equipment Description:**

BOILER NO.3, CLEAVER BROOKS, FIRE-TUBE TYPE, MODEL NO. CB-700-800, SERIAL NO. L90684, WITH A LOW NOX BURNER, CLEAVER BROOKS, MODEL NO. NTS336LGA-09S-1P, 33,600,000 BTU/HR, NATURAL GAS AND FUEL OIL FIRED BURNER, A 50 H.P. COMBUSTION AIR BLOWER, A FORCED FLUE GAS RECIRCULATION SYSTEM, AND A CLEAVER BROOKS OXYGEN TRIM SYSTEM.

#### **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. FLUE GAS RECIRCULATION SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.  
[RULE 1146]
4. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE TOTALIZING FUEL METER FOR EACH FUEL USED IN THIS EQUIPMENT.  
[RULE 1146]
5. THE EXHAUST STACK HEIGHT OF THIS BOILER SHALL BE 50 FEET OR GREATER.  
[RULE 1401]
6. THIS BOILER SHALL BE OPERATED IN FULL COMPLIANCE WITH THE APPLICABLE PROVISIONS OF RULE 1146.  
[RULE 1146]
7. THIS BOILER SHALL BE FIRED WITH NATURAL GAS ONLY, EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT, DURING MAINTENANCE TESTING NOT TO EXCEED ½ HOUR.  
[RULE 1303(a)(1)-BACT]
8. THE BURNER SHALL BE EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE THE COMBUSTION AIR AND FUEL AS THE BOILER LOAD VARIES. THIS AUTOMATIC CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED AT LEAST TWICE A YEAR, ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO ASSURE ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME BURNER FIRING RATE.  
[RULE 1146]

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9. BY JANUARY 1, 2012, THIS BOILER SHALL EMIT NO MORE THAN 9 PPM FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO<sub>2</sub>, AND 50 PPM OF CARBON MONOXIDE (CO) WHEN FIRING ON NATURAL GAS, AND 40 PPM FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO<sub>2</sub>, AND 50 PPM OF CARBON MONOXIDE (CO) WHEN FIRING ON FUEL OIL, ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN.  
[RULE 1303 (a)(1) - BACT, RULE 1146]
10. THE OPERATOR SHALL ALSO INSTALL AND MAINTAIN TWO FLOW CHART RECORDERS. ONE RECORDER SHALL CONTINUOUSLY RECORD THE NATURAL GAS BEING MEASURED (IN CUBIC FEET/MIN), AND ANOTHER RECORDER SHALL CONTINUOUSLY RECORD THE FUEL OIL BEING MEASURED (IN CUBIC FEET/MIN), TO ENSURE COMPLIANCE WITH THE FUEL USAGE LIMITS IN CONDITION NO. 15. RECORDS SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.  
[RULE 1146]
11. THE EQUIPMENT SHALL COMPLY WITH THE TUNE-UP REQUIREMENTS OF RULE 1146. RECORDS SHALL BE MAINTAINED OF THE DATE OF EACH TUNE-UP, THE COMPANY PERFORMING THE TUNE-UP, AND THE TUNE-UP CO AND O<sub>2</sub> RESULTS. RECORDS SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.  
[RULE 1146]

### **Periodic Monitoring:**

12. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX EMISSION LIMIT(S) EITHER BY: (a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY THREE YEARS USING AQMD METHOD 100.1 OR 7.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.  
[RULE 3004 (a)(4)]
13. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE CO EMISSION LIMIT(S) EITHER BY: (a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 100.1 OR 10.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD.. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.  
[RULE 3004 (a)(4)]
14. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSION FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THIS EQUIPMENT HAS COMBUSTED ONE MILLION GALLONS OF DIESEL FUEL, TO BE COUNTED CUMULATIVELY OVER A FIVE YEAR PERIOD. THE INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT

## FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC

IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE HOUR, THE OPERATOR SHALL EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN THE SAME FASHION AS DEVIATIONS ARE REQUIRED TO BE REPORTED IN SECTION K OF THIS PERMIT;

OR

- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

IN ADDITION, THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.  
[RULE 3004 (a)(4)]

### Emissions And Requirements:

15. IF THIS BOILER BURNS MORE THAN 200,000,000,000 (200 BILLION) BTUS OF FUEL OIL IN ANY ONE CALENDAR YEAR, THE BOILER OPERATOR SHALL INSTALL AND OPERATE BY MARCH 1 OF THE FOLLOWING YEAR, AN OXIDES OF NITROGEN CONTINUOUS EMISSION MONITORING SYSTEM THAT IS APPROVED BY THE EXECUTIVE OFFICER IN ACCORDANCE WITH RULE 218(b) AND SHALL CONTINUE TO OPERATE IT FOR THE LIFE OF THE BOILER.  
[RULE 1146, 218(b)]
16. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- NOx: 9 PPMV, RULE 1146 – (1/1/2012)  
NOx: 30 PPMV, RULE 1146  
NOx: 20 PPMV, RULE 1303 (a)(1) - BACT  
CO: 400 PPMV, RULE 1146  
CO: 50 PPMV, RULE 1303 (a)(1) - BACT  
CO: 2000 PPMV, RULE 407  
PM: 0.1 GR/SCF, RULE 409

## FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC

### PERMIT TO OPERATE

Permit No.F5227  
A/N 322747

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3516 DITA, DIESEL-FUELED, 16 CYLINDERS, TURBOCHARGED, AFTERCOOLED, 2,847 BHP.

#### 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. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1304 (a)]
4. 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 1304 (a), 1470(C)(3)]
5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED, DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:
  - A. EMERGENCY USE;
  - B. MAINTENANCE AND TESTING;
  - C. OTHER (DESCRIBE THE REASON FOR OPERATING).

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

[RULE 1304 (a)]

## **FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC**

6. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:
- 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.

THE ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.  
[RULE 1304 (a)]

7. THE OPERATION OF THIS ENGINE BEYOND 50 HOURS PER YEAR FOR MAINTENANCE AND PERFORMANCE TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE.

ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.  
[RULE 1304 (a)]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.  
[RULE 1470]

### **Emissions And Requirements:**

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

PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS

## FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC

### PERMIT TO OPERATE

Permit No.F5228  
A/N 322761

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3516 DITA, DIESEL-FUELED, 16 CYLINDERS, TURBOCHARGED, AFTERCOOLED, 2,847 BHP.

#### 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. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1304 (a)]
4. 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 1304 (a), 1470(C)(3)]
5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED, DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:
  - A. EMERGENCY USE;
  - B. MAINTENANCE AND TESTING;
  - C. OTHER (DESCRIBE THE REASON FOR OPERATING).

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

[RULE 1304 (a)]

## **FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC**

6. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:
- 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.

THE ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.

[RULE 1304 (a)]

7. THE OPERATION OF THIS ENGINE BEYOND 50 HOURS PER YEAR FOR MAINTENANCE AND PERFORMANCE TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE.

ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.

[RULE 1304 (a)]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.  
[RULE 1470]

### **Emissions And Requirements:**

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

PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS

## FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC

### PERMIT TO OPERATE

**Permit No.F5229**  
**A/N 322762**

#### **Equipment Description:**

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 12V-149TIB, SERIAL NO. 12E10256, DIESEL-FUELED, 12 CYLINDERS, TURBOCHARGED, AFTERCOOLED, 1,750 BHP.

#### **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. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1304 (a)]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 40 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING.  
[RULE 1304 (a), 1470(C)(3)]
5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED, DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:
  - A. EMERGENCY USE;
  - B. MAINTENANCE AND TESTING;
  - C. OTHER (DESCRIBE THE REASON FOR OPERATING).

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

[RULE 1304 (a)]

## **FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC**

6. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:
- 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.

THE ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.  
[RULE 1304 (a)]

7. THE OPERATION OF THIS ENGINE BEYOND 40 HOURS PER YEAR FOR MAINTENANCE AND PERFORMANCE TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE.

ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.  
[RULE 1304 (a)]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.  
[RULE 1470]

### **Emissions And Requirements:**

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

PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS

## FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC

### PERMIT TO OPERATE

**Permit No.F5231**  
**A/N 322763**

#### **Equipment Description:**

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 12V-149TIB, SERIAL NO. 12E10289, DIESEL-FUELED, 12 CYLINDERS, TURBOCHARGED, AFTERCOOLED, 1,750 BHP.

#### **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. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1304 (a)]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 40 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING.  
[RULE 1304 (a), 1470(C)(3)]
5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED, DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:
  - A. EMERGENCY USE;
  - B. MAINTENANCE AND TESTING;
  - C. OTHER (DESCRIBE THE REASON FOR OPERATING).

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

[RULE 1304 (a)]

## **FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC**

6. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:
- 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.

THE ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.

[RULE 1304 (a)]

7. THE OPERATION OF THIS ENGINE BEYOND 40 HOURS PER YEAR FOR MAINTENANCE AND PERFORMANCE TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE.

ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.

[RULE 1304 (a)]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.  
[RULE 1470]

### **Emissions And Requirements:**

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

PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS

## FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC

### PERMIT TO OPERATE

**Permit No.F5232**  
**A/N 322764**

#### **Equipment Description:**

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 16V-149TI, SERIAL NO. 16E0004733, DIESEL-FUELED, 16 CYLINDERS, TURBOCHARGED, AFTERCOOLED, 1,540 BHP.

#### **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. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1304 (a)]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 40 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING.  
[RULE 1304 (a), 1470(C)(3)]
5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED, DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:
  - A. EMERGENCY USE;
  - B. MAINTENANCE AND TESTING;
  - C. OTHER (DESCRIBE THE REASON FOR OPERATING).

IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.  
[RULE 1304 (a)]

## **FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC**

6. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:
- 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.

THE ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.

[RULE 1304 (a)]

7. THE OPERATION OF THIS ENGINE BEYOND 40 HOURS PER YEAR FOR MAINTENANCE AND PERFORMANCE TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE.

ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.

[RULE 1304 (a)]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.  
[RULE 1470]

### **Emissions And Requirements:**

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

PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS

## FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC

### PERMIT TO OPERATE

**Permit No. P67591  
A/N G02457**

#### **Equipment Description:**

SPRAY BOOTH, BINKS, FLOOR TYPE, 11'-8" W X 7'-0" L X 7'-6" H, WITH 20" X 20" X 2" EXHAUST FILTERS AND ONE 3-HP EXHAUST FAN.

#### **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. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA AT LEAST 2 INCHES THICK.  
[RULE 1303(a)(1)-BACT]
4. A GAUGE SHALL BE INSTALLED TO INDICATE IN INCHES OF WATER THE STATIC PRESSURE DIFFERENTIAL ACROSS THE FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL MUST NOT EXCEED 0.25 INCHES OF WATER.  
[RULE 1303(a)(1)-BACT]
5. THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULES 1107, 1136, AND 1171.  
[RULE 1107, 1136, 1171]
6. THE TOTAL QUANTITY OF COATINGS, THINNERS, REDUCERS AND CLEAN-UP SOLVENTS USED IN THIS EQUIPMENT SHALL NOT EXCEED 6 GALLONS IN ANY ONE DAY.  
[RULE 1303(b)(2)-OFFSET]
7. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC AND HAP EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT COVERED BY THE MONTHLY LIMIT. THE RECORD SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL. IT SHALL BE SIGNED AND CERTIFIED BY THE HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR THE COMPLIANCE OF THE DISTRICT RULES.  
[RULE 109]
8. THE OPERATOR SHALL MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC AND HAP-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING PRECEDING FIVE (5) YEARS.  
[RULE 109]

## FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC

9. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC AND HAPS-CONTAINING MATERIAL USED OR STORED AT THE FACILITY AND ALL WASTE MANIFEST FOR VOC AND HAP- CONTAINING MATERIAL REMOVED FROM THE FACILITY, FOR FIVE (5) YEARS.  
[RULE 109]
10. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR FIVE (5) YEARS, AND SHALL BE MADE AVAILABLE TO THE DISTRICT PERSONNEL UPON REQUEST.  
[RULE 109]
11. MATERIAL SAFETY DATA SHEETS FOR ALL COATINGS AND SOLVENTS USED AT THIS FACILITY SHALL BE KEPT CURRENT AND MADE AVAILABLE TO THE DISTRICT PERSONNEL UPON REQUEST.  
[RULE 109]

### **Periodic Monitoring:**

12. IN ADDITION TO THE REQUIREMENT OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY (AND CALENDER MONTHLY) VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE UPON REQUEST OF THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE.  
[RULE 1303(b)(2)-OFFSET, 1401]

### **Emissions And Requirements:**

13. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
VOC: RULE 109  
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1136, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 481  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC

### PERMIT TO OPERATE

**Permit No.F57604**  
**A/N 409585**

#### **Equipment Description:**

INTERNAL COMBUSTION ENGINE, JOHN DEERE, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 4039D, DIESEL-FUELED, 4 CYLINDERS, NATURALLY ASPIRATED, 66 BHP.

#### **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. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1304 (a)]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 40 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING.  
[RULE 1304 (a), 1470(C)(3)]
5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED, DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:
  - A. EMERGENCY USE;
  - B. MAINTENANCE AND TESTING;
  - C. OTHER (DESCRIBE THE REASON FOR OPERATING).

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

[RULE 1304 (a)]

## **FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC**

6. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:
- 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.

THE ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.  
[RULE 1304 (a)]

7. THE OPERATION OF THIS ENGINE BEYOND 40 HOURS PER YEAR FOR MAINTENANCE AND PERFORMANCE TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE.

ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.  
[RULE 1304 (a)]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.  
[RULE 1470]

### **Emissions And Requirements:**

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

PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS

PM: 0.4 GM/BHP-HR- RULE 1303 (a) (1) - BACT

NOX: 10.0 GM/BHP-HR OR TURBOCHARGED AND 4<sup>0</sup> TIMING RETARD- RULE 1303 (a) (1) - BACT

## FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC

### PERMIT TO OPERATE

Permit No.TBD  
A/N 524583

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, NO.1, CATERPILLAR, MODEL NO. 3516C DITA, DIESEL-FUELED, 16 CYLINDERS, TURBOCHARGED, AFTERCOOLED, RATED AT 3604 BHP, DRIVING A 2500 KW EMERGENCY ELECTRICAL GENERATOR, WITH A DIESEL PARTICULATE FILTER, ACTIVE REGENERATION TYPE, RYPOS, MODEL HDPF/C ADPF-6, AND A BACKPRESSURE MONITOR.

#### 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 ENGINE EMISSIONS SHALL NOT EXCEED THE FOLLOWING INTERIM TIER 4 EMISSION LIMITS:

NOX	0.67	G/KW-HR
PM	0.10	G/KW-HR
CO	3.5	G/KW-HR
NMHC	0.40	G/KW-HR

  
[RULE 1470]
4. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.  
[RULE 1304(a)-MODELING, RULE 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]
5. THE OPERATION OF ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.  
[RULE 1304(a)-MODELING, RULE 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]

## FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC

6. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ITS EXHAUST IS VENTED TO A DIESEL PARTICULATE FILTER SYSTEM WHICH IS IN FULL OPERATION AND IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 1303(a)(1)-BACT]
7. THE OPERATOR SHALL OPERATE THE DIESEL PARTICULATE FILTER SYSTEM WITH AN OPERATIONAL BACKPRESSURE MONITOR.  
[RULE 1303(a)(1)-BACT]
8. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1303(a)(1)-BACT, RULE 1110.2]
9. AN ENGINE OPERATING LOG SHALL BE KEPT AND SHALL DOCUMENT THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:
  - A. EMERGENCY USE.
  - B. MAINTENANCE AND TESTING.
  - C. OTHER (DESCRIBE THE REASON FOR OPERATING).

IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TIME METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.  
[RULE 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]

10. ON OR BEFORE JANUARY 15 TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:
  - A. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
  - B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

ENGINE OPERATING LOG 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 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]

11. THIS OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 431.2.  
[RULE 431.2]
12. THIS OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.  
[RULE 1470]

### **Emissions And Requirements:**

13. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
NO<sub>x</sub>+NMHC: 4.8 GRAMS/BHP-HR, RULE 1303(a)(1)-BACT  
CO: 2.6 GRAMS/BHP-HR, RULE 1303(a)(1)-BACT

**FACILITY PERMIT TO OPERATE  
MARTIN LUTHER KING JR./MACC**

PM: 0.01 GRAM/BHP-HR, RULE 1303(a)(1)-BACT  
PM: 0.15 GRAM/BHP-HR, RULE 1470  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC

### PERMIT TO OPERATE

Permit No.TBD  
A/N 524585

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, NO.2, CATERPILLAR, MODEL NO. 3516C DITA, DIESEL-FUELED, 16 CYLINDERS, TURBOCHARGED, AFTERCOOLED, RATED AT 3604 BHP, DRIVING A 2500 KW EMERGENCY ELECTRICAL GENERATOR, WITH A DIESEL PARTICULATE FILTER, ACTIVE REGENERATION TYPE, RYPOS, MODEL HDPF/C ADPF-6, AND A BACKPRESSURE MONITOR.

#### 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 ENGINE EMISSIONS SHALL NOT EXCEED THE FOLLOWING INTERIM TIER 4 EMISSION LIMITS:

NOX	0.67	G/KW-HR
PM	0.10	G/KW-HR
CO	3.5	G/KW-HR
NMHC	0.40	G/KW-HR

  
[RULE 1470]
4. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.  
[RULE 1304(a)-MODELING, RULE 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]
5. THE OPERATION OF ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.  
[RULE 1304(a)-MODELING, RULE 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]

## FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC

6. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ITS EXHAUST IS VENTED TO A DIESEL PARTICULATE FILTER SYSTEM WHICH IS IN FULL OPERATION AND IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 1303(a)(1)-BACT]
7. THE OPERATOR SHALL OPERATE THE DIESEL PARTICULATE FILTER SYSTEM WITH AN OPERATIONAL BACKPRESSURE MONITOR.  
[RULE 1303(a)(1)-BACT]
8. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1303(a)(1)-BACT, RULE 1110.2]
9. AN ENGINE OPERATING LOG SHALL BE KEPT AND SHALL DOCUMENT THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:
  - A. EMERGENCY USE.
  - B. MAINTENANCE AND TESTING.
  - C. OTHER (DESCRIBE THE REASON FOR OPERATING).

IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TIME METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.  
[RULE 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]

10. ON OR BEFORE JANUARY 15 TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:
  - A. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
  - B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

ENGINE OPERATING LOG 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 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]

11. THIS OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 431.2.  
[RULE 431.2]
12. THIS OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.  
[RULE 1470]

### **Emissions And Requirements:**

13. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
NO<sub>x</sub>+NMHC: 4.8 GRAMS/BHP-HR, RULE 1303(a)(1)-BACT  
CO: 2.6 GRAMS/BHP-HR, RULE 1303(a)(1)-BACT

**FACILITY PERMIT TO OPERATE  
MARTIN LUTHER KING JR./MACC**

PM: 0.01 GRAM/BHP-HR, RULE 1303(a)(1)-BACT  
PM: 0.15 GRAM/BHP-HR, RULE 1470  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC

### PERMIT TO OPERATE

Permit No.TBD  
A/N 524586

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, NO.3, CATERPILLAR, MODEL NO. 3516C DITA, DIESEL-FUELED, 16 CYLINDERS, TURBOCHARGED, AFTERCOOLED, RATED AT 3604 BHP, DRIVING A 2500 KW EMERGENCY ELECTRICAL GENERATOR, WITH A DIESEL PARTICULATE FILTER, ACTIVE REGENERATION TYPE, RYPOS, MODEL HDPF/C ADPF-6, AND A BACKPRESSURE MONITOR.

#### 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 ENGINE EMISSIONS SHALL NOT EXCEED THE FOLLOWING INTERIM TIER 4 EMISSION LIMITS:

NOX	0.67	G/KW-HR
PM	0.10	G/KW-HR
CO	3.5	G/KW-HR
NMHC	0.40	G/KW-HR

  
[RULE 1470]
4. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.  
[RULE 1304(a)-MODELING, RULE 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]
5. THE OPERATION OF ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.  
[RULE 1304(a)-MODELING, RULE 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]

## FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC

6. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ITS EXHAUST IS VENTED TO A DIESEL PARTICULATE FILTER SYSTEM WHICH IS IN FULL OPERATION AND IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 1303(a)(1)-BACT]
7. THE OPERATOR SHALL OPERATE THE DIESEL PARTICULATE FILTER SYSTEM WITH AN OPERATIONAL BACKPRESSURE MONITOR.  
[RULE 1303(a)(1)-BACT]
8. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1303(a)(1)-BACT, RULE 1110.2]
9. AN ENGINE OPERATING LOG SHALL BE KEPT AND SHALL DOCUMENT THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:
  - A. EMERGENCY USE.
  - B. MAINTENANCE AND TESTING.
  - C. OTHER (DESCRIBE THE REASON FOR OPERATING).

IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TIME METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.  
[RULE 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]

10. ON OR BEFORE JANUARY 15 TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:
  - A. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
  - B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

ENGINE OPERATING LOG 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 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]

11. THIS OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 431.2.  
[RULE 431.2]
12. THIS OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.  
[RULE 1470]

### **Emissions And Requirements:**

13. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
NO<sub>x</sub>+NMHC: 4.8 GRAMS/BHP-HR, RULE 1303(a)(1)-BACT  
CO: 2.6 GRAMS/BHP-HR, RULE 1303(a)(1)-BACT

## **FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC**

PM: 0.01 GRAM/BHP-HR, RULE 1303(a)(1)-BACT  
PM: 0.15 GRAM/BHP-HR, RULE 1470  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC**

### **RULE 219 EQUIPMENT**

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, REFRIGERATION AND AIR CONDITIONING UNITS

**Emissions And Requirements:**

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

REFRIGERANT:           RULE 1415  
REFRIGERANT:           40CFR 82 SUBART F

## **FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC**

### **RULE 219 EQUIPMENT**

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, FIRE EXTINGUISHING EQUIPMENT

**Emissions And Requirements:**

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

HALON:           RULE 1418

## **FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC**

### **RULE 219 EQUIPMENT**

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, LOW USE SPRAY EQUIPMENT.

**Emissions And Requirements:**

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

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE MARTIN LUTHER KING JR./MACC**

### **RULE 219 EQUIPMENT**

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, HEATERS, < 2 MMBTU/HR.

**Emissions And Requirements:**

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

PM: 0.1 gr/scf, RULE 409  
CO: 2000 PPMV, RULE 407  
NOx: 30 PPMV, RULE 1146.2