



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178

(909) 396-2000 • www.aqmd.gov

February 27, 2013

Mr. Jeffrey Deeter
Vice President, Clinical Support Services
Cedars-Sinai Medical Center
8700 Beverly Blvd. TSB 190
Los Angeles, CA 90048

SUBJECT: Title V Facility Permit Revision (Facility ID: 16389)

Dear Mr. Deeter:

Please find attached the revised Title Page, Table of Contents, and Section D of your Title V Facility Permit. The revised sections reflect the approval of the administrative permit revision requested in your Application No. 495731 for converting the Permits to Construct to Permits to Operate for the following equipment. The prior Permits to Operate Nos. D61488, D61570, and D61485 for the boilers have been removed from the facility permit.

Equipment	Application No.	Permit No.	Permit Type
Boiler	503717	G23260	PO
Boiler	503718	G23261	PO
Boiler	503719	G23262	PO
Selective Catalytic Reduction System	497314	G23263	PO
Selective Catalytic Reduction System	501990	G23264	PO
Selective Catalytic Reduction System	501991	G23265	PO

Please review the attached sections carefully. Insert the enclosed sections into your Title V Facility Permit and discard the earlier versions. Questions concerning changes to your permit should be directed to Ms. Vicky Lee at (909) 396-2284.

Sincerely,

Brian L. Yeh
Senior Engineering Manager
Mechanical, Chemical & Public Services

BLY:AYL:JTY:VL

Attachment

cc: Gerardo Rios, EPA Region IX



FACILITY PERMIT TO OPERATE

**CEDARS-SINAI MEDICAL CTR
8700 BEVERLY BLVD.
LOS ANGELES, CA 90048**

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering & Compliance



**FACILITY PERMIT TO OPERATE
CEDARS-SINAI MEDICAL CTR**

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**FACILITY PERMIT TO OPERATE
CEDARS-SINAI MEDICAL CTR**

**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 CEDARS-SINAI MEDICAL CTR

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
249844	D45165	I C E (>500 HP) EM ELEC GEN DIESEL
249845	D45166	I C E (>500 HP) EM ELEC GEN DIESEL
290663	D81544	I C E (50-500 HP) EM ELEC GEN-DIESEL
329953	F9154	STORAGE TANK DIESEL
329954	F9157	STORAGE TANK DIESEL
329955	F9156	STORAGE TANK DIESEL
329956	F9155	STORAGE TANK DIESEL
343820	F16016	ICE (50-500 HP) EM ELEC GEN DIESEL
353727	F35019	ICE (50-500 HP) EM ELEC GEN DIESEL
378130	F36173	I C E (>500 HP) EM ELEC GEN DIESEL
410733	F62172	I C E (>500 HP) EM ELEC GEN DIESEL
410735	F62173	I C E (>500 HP) EM ELEC GEN DIESEL
410736	F62174	I C E (>500 HP) EM ELEC GEN DIESEL
410737	F62176	I C E (>500 HP) EM ELEC GEN DIESEL
410738	F62175	I C E (>500 HP) EM ELEC GEN DIESEL
497314	G23263	SELECTIVE CATALYTIC REDUCTION
501990	G23264	SELECTIVE CATALYTIC REDUCTION
501991	G23265	SELECTIVE CATALYTIC REDUCTION
503717	G23260	BOILER (>50 MMBTU/HR) NAT GAS-DISTL PP
503718	G23261	BOILER (>50 MMBTU/HR) NAT GAS-DISTL PP
503719	G23262	BOILER (>50 MMBTU/HR) NAT GAS-DISTL PP

NOTE: EQUIPMENT LISTED ABOVE THAT HAS 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
CEDARS-SINAI MEDICAL CTR**

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 RINGELMANN 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 NOT USE FUEL OIL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 0.05 PERCENT BY WEIGHT.
[RULE 431.2]
3. AFTER JUNE 1, 2004, THE OPERATOR SHALL NOT PURCHASE ANY DIESEL FUEL UNLESS THE FUEL IS LOW SULFUR DIESEL FOR WHICH THE SULFUR CONTENT SHALL NOT EXCEED 15 PPM BY WEIGHT AS SUPPLIED BY THE SUPPLIER.
[RULE 431.2]
4. THE OPERATOR SHALL NOT USE NATURAL GAS CONTAINING SULFUR COMPOUNDS, CALCULATED AS H₂S, IN EXCESS OF 16 PARTS PER MILLION BY VOLUME (PPMV). THE OPERATOR SHALL NOT USE OTHER GASEOUS FUELS CONTAINING SULFUR COMPOUNDS, CALCULATED AS H₂S, IN EXCESS OF 40 PPMV AS MEASURED OVER 4 HOURS AVERAGING PERIOD.
[RULE 431.1]



FACILITY PERMIT TO OPERATE CEDARS-SINAI MEDICAL CTR

PERMIT TO OPERATE

Permit No. D45165
A/N 249844

Equipment Description:

INTERNAL COMBUSTION ENGINE, NO. 1, DETROIT DIESEL, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 9163-7316, DIESEL-FUELED, TURBOCHARGED, AFTERCOOLED, 16 CYLINDERS, 1745 BHP.

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 ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
5. 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 THE OPERATION.
[RULE 1110.2, RULE 1304 (a), RULE 1470]



**FACILITY PERMIT TO OPERATE
CEDARS-SINAI MEDICAL CTR**

6. OPERATION BEYOND THE 30 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 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 1110.2, RULE 1304 (a), RULE 1470]

7. 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 1110.2, RULE 1304 (a), RULE 1470]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
9. THIS ENGINE SHALL NOT BE USED AS PART OF A DEMAND RESPONSE PROGRAM USING INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ITS ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO SO BY THE UTILITY OR THE GRID OPERATOR.
[RULE 1110.2, RULE 1304 (a)]

Emissions And Requirements:

10. 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 CEDARS-SINAI MEDICAL CTR

PERMIT TO OPERATE

Permit No. D45166
A/N 249845

Equipment Description:

INTERNAL COMBUSTION ENGINE, NO. 2, DETROIT DIESEL, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 9163-7316, DIESEL-FUELED, TURBOCHARGED, AFTERCOOLED, 16 CYLINDERS, 1745 BHP.

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 ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
5. 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 THE OPERATION.
[RULE 1110.2, RULE 1304 (a), RULE 1470]



**FACILITY PERMIT TO OPERATE
CEDARS-SINAI MEDICAL CTR**

6. OPERATION BEYOND THE 30 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 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 1110.2, RULE 1304 (a), RULE 1470]

7. 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 1110.2, RULE 1304 (a), RULE 1470]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
9. THIS ENGINE SHALL NOT BE USED AS PART OF A DEMAND RESPONSE PROGRAM USING INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ITS ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO SO BY THE UTILITY OR THE GRID OPERATOR.
[RULE 1110.2, RULE 1304 (a)]

Emissions And Requirements:

10. 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 CEDARS-SINAI MEDICAL CTR

PERMIT TO OPERATE

Permit No. D81544
A/N 290663

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3054, DIESEL FUELED, 4 CYLINDERS, TURBOCHARGED, 96 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. 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 PURPOSES.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
5. 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 THE OPERATION.

[RULE 1110.2, RULE 1304 (a), RULE 1470]



**FACILITY PERMIT TO OPERATE
CEDARS-SINAI MEDICAL CTR**

6. OPERATION 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 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 1110.2, RULE 1304 (a), RULE 1470]

7. 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 1110.2, RULE 1304 (a), RULE 1470]

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

9. THIS ENGINE SHALL NOT BE USED AS PART OF A DEMAND RESPONSE PROGRAM USING INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ITS ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO SO BY THE UTILITY OR THE GRID OPERATOR.
[RULE 1110.2, RULE 1304 (a)]

Emissions And Requirements:

10. 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 CEDARS-SINAI MEDICAL CTR

PERMIT TO OPERATE

Permit No. F9154
A/N 329953

Equipment Description:

AMBER 363 FUEL STORAGE TANK (TANK NO. 2), UNDERGROUND, CYLINDRICAL, 12'-0" DIA. X 60'-0" L., 50,000-GALLON CAPACITY.

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 MAXIMUM QUANTITY OF AMBER 363 FUEL UNLOADED INTO THE UNDERGROUND STORAGE TANKS ISSUED A PERMIT TO CONSTRUCT AND OPERATE UNDER A/N'S 329953, 329954, 329955, AND 329956 SHALL NOT EXCEED 2.08MM GALLONS TOTAL IN ANY ONE CALENDAR MONTH.
[RULE 1303 (b)(2)-OFFSETS]
4. AN OPERATING LOG LISTING THE DATE AND THE AMOUNT IN GALLONS OF AMBER 363 FUEL UNLOADED SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1303 (b)(2)-OFFSETS].



**FACILITY PERMIT TO OPERATE
CEDARS-SINAI MEDICAL CTR**

PERMIT TO OPERATE

**Permit No. F9157
A/N 329954**

Equipment Description:

AMBER 363 FUEL STORAGE TANK (TANK NO. 3), UNDERGROUND, CYLINDRICAL, 12'-0" DIA. X 60'-0" L., 50,000-GALLON CAPACITY.

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 MAXIMUM QUANTITY OF AMBER 363 FUEL UNLOADED INTO THE UNDERGROUND STORAGE TANKS ISSUED A PERMIT TO CONSTRUCT AND OPERATE UNDER A/N'S 329953, 329954, 329955, AND 329956 SHALL NOT EXCEED 2.08MM GALLONS TOTAL IN ANY ONE CALENDAR MONTH.
[RULE 1303 (b)(2) OFFSETS]
4. AN OPERATING LOG LISTING THE DATE AND THE AMOUNT IN GALLONS OF AMBER 363 FUEL UNLOADED SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303 (b)(2) -OFFSETS]



FACILITY PERMIT TO OPERATE CEDARS-SINAI MEDICAL CTR

PERMIT TO OPERATE

Permit No. F9156
A/N 329955

Equipment Description:

AMBER 363 FUEL STORAGE TANK (TANK NO. 4), UNDERGROUND, CYLINDRICAL, 12'-0" DIA. X 60'-0" L., 50,000-GALLON CAPACITY.

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 MAXIMUM QUANTITY OF AMBER 363 FUEL UNLOADED INTO THE UNDERGROUND STORAGE TANKS ISSUED A PERMIT TO CONSTRUCT AND OPERATE UNDER A/N'S 329953, 329954, 329955, AND 329956 SHALL NOT EXCEED 2.08MM GALLONS TOTAL IN ANY ONE CALENDAR MONTH.
[RULE 1303 (b)(2) OFFSETS]
4. AN OPERATING LOG LISTING THE DATE AND THE AMOUNT IN GALLONS OF AMBER 363 FUEL UNLOADED SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303 (b)(2) OFFSETS]



**FACILITY PERMIT TO OPERATE
CEDARS-SINAI MEDICAL CTR**

PERMIT TO OPERATE

**Permit No. F9155
A/N 329956**

Equipment Description:

AMBER 363 FUEL STORAGE TANK (TANK NO. 1), UNDERGROUND, CYLINDRICAL, 12'-0" DIA. X 60'-0" L., 50,000-GALLON CAPACITY.

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 MAXIMUM QUANTITY OF AMBER 363 FUEL UNLOADED INTO THE UNDERGROUND STORAGE TANKS ISSUED A PERMIT TO CONSTRUCT AND OPERATE UNDER A/N'S 329953, 329954, 329955, AND 329956 SHALL NOT EXCEED 2.08MM GALLONS TOTAL IN ANY ONE CALENDAR MONTH.
[RULE 1303 (b)(2) OFFSETS]
4. AN OPERATING LOG LISTING THE DATE AND THE AMOUNT IN GALLONS OF AMBER 363 FUEL UNLOADED SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303 (b)(2) OFFSETS]



FACILITY PERMIT TO OPERATE CEDARS-SINAI MEDICAL CTR

PERMIT TO OPERATE

Permit No. F16016
A/N 342840

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 8063-7405, DIESEL FUELED, 8 CYLINDERS, TURBOCHARGED, AFTERCOOLED, 423 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. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
5. 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 THE OPERATION.
[RULE 1110.2, RULE 1304 (a), RULE 1470]



**FACILITY PERMIT TO OPERATE
CEDARS-SINAI MEDICAL CTR**

6. OPERATION BEYOND THE 30 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 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 1110.2, RULE 1304 (a), RULE 1470]

7. 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 1110.2, RULE 1304 (a), RULE 1470]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
9. THIS ENGINE SHALL NOT BE USED AS PART OF A DEMAND RESPONSE PROGRAM USING INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ITS ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO SO BY THE UTILITY OR THE GRID OPERATOR.
[RULE 1110.2, RULE 1304 (a)]

Emissions And Requirements:

10. 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
CEDARS-SINAI MEDICAL CTR**

PERMIT TO OPERATE

**Permit No. F35019
A/N 353727**

Equipment Description:

INTERNAL COMBUSTION ENGINE, JOHN DEERE, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 6059, DIESEL FUELED, TURBOCHARGED, 166 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. 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 PURPOSES.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
5. 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 THE OPERATION.
[RULE 1110.2, RULE 1304 (a), RULE 1470]



**FACILITY PERMIT TO OPERATE
CEDARS-SINAI MEDICAL CTR**

6. OPERATION 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 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 1110.2, RULE 1304 (a), RULE 1470]

7. 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 1110.2, RULE 1304 (a), RULE 1470]

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

9. THIS ENGINE SHALL NOT BE USED AS PART OF A DEMAND RESPONSE PROGRAM USING INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ITS ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO SO BY THE UTILITY OR THE GRID OPERATOR.
[RULE 1110.2, RULE 1304 (a)]

Emissions And Requirements:

10. 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 CEDARS-SINAI MEDICAL CTR

PERMIT TO OPERATE

Permit No. F36173
A/N 378130

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3508, DIESEL FUELED, 8 CYLINDERS, TURBOCHARGED, AFTERCOOLED, 1486 B.H.P.

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 ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
5. 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 THE OPERATION.

[RULE 1110.2, RULE 1304 (a), RULE 1470]



**FACILITY PERMIT TO OPERATE
CEDARS-SINAI MEDICAL CTR**

6. OPERATION BEYOND THE 30 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 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 1110.2, RULE 1304 (a), RULE 1470]
7. 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 1110.2, RULE 1304 (a), RULE 1470]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
9. THIS ENGINE SHALL NOT BE USED AS PART OF A DEMAND RESPONSE PROGRAM USING INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ITS ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO SO BY THE UTILITY OR THE GRID OPERATOR.
[RULE 1110.2, RULE 1304 (a)]

Emissions And Requirements:

10. 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
CEDARS-SINAI MEDICAL CTR**

PERMIT TO OPERATE

**Permit No. F62172
A/N 410733**

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, EMERGENCY ELECTRICAL GENERATION, MODEL NO. T163-7K36 (16V-4000), SERIAL NO. 5272001580, DIESEL FUELED, SIXTEEN CYLINDERS, TURBOCHARGED AND AFTERCOOLED, 2935 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. 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 PURPOSES.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
5. 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 THE OPERATION.
[RULE 1110.2, RULE 1304 (a), RULE 1470]



**FACILITY PERMIT TO OPERATE
CEDARS-SINAI MEDICAL CTR**

6. OPERATION 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 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 1110.2, RULE 1304 (a), RULE 1470]

7. 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 1110.2, RULE 1304 (a), RULE 1470]

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

9. THIS ENGINE SHALL NOT BE USED AS PART OF A DEMAND RESPONSE PROGRAM USING INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ITS ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO SO BY THE UTILITY OR THE GRID OPERATOR.
[RULE 1110.2, RULE 1304 (a)]

Emissions And Requirements:

10. 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 CEDARS-SINAI MEDICAL CTR

PERMIT TO OPERATE

Permit No. F62173
A/N 410735

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, EMERGENCY ELECTRICAL GENERATION, MODEL NO. T163-7K36 (16V-4000), SERIAL NO. 5272001581, DIESEL FUELED, SIXTEEN CYLINDERS, TURBOCHARGED AND AFTERCOOLED, 2935 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. 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 PURPOSES.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
5. 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 THE OPERATION.
[RULE 1110.2, RULE 1304 (a), RULE 1470]



**FACILITY PERMIT TO OPERATE
CEDARS-SINAI MEDICAL CTR**

6. OPERATION 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 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 1110.2, RULE 1304 (a), RULE 1470]

7. 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 1110.2, RULE 1304 (a), RULE 1470]

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

9. THIS ENGINE SHALL NOT BE USED AS PART OF A DEMAND RESPONSE PROGRAM USING INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ITS ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO SO BY THE UTILITY OR THE GRID OPERATOR.
[RULE 1110.2, RULE 1304 (a)]

Emissions And Requirements:

10. 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 CEDARS-SINAI MEDICAL CTR

PERMIT TO OPERATE

Permit No. F62174
A/N 410736

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, EMERGENCY ELECTRICAL GENERATION, MODEL NO. T163-7K36 (16V-4000), SERIAL NO. 5272001582, DIESEL FUELED, SIXTEEN CYLINDERS, TURBOCHARGED AND AFTERCOOLED, 2935 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. 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 PURPOSES.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
5. 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 THE OPERATION.
[RULE 1110.2, RULE 1304 (a), RULE 1470]



**FACILITY PERMIT TO OPERATE
CEDARS-SINAI MEDICAL CTR**

6. OPERATION 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 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 1110.2, RULE 1304 (a), RULE 1470]

7. 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 1110.2, RULE 1304 (a), RULE 1470]

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

9. THIS ENGINE SHALL NOT BE USED AS PART OF A DEMAND RESPONSE PROGRAM USING INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ITS ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO SO BY THE UTILITY OR THE GRID OPERATOR.
[RULE 1110.2, RULE 1304 (a)]

Emissions And Requirements:

10. 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 CEDARS-SINAI MEDICAL CTR

PERMIT TO OPERATE

Permit No. F62176
A/N 410737

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, EMERGENCY ELECTRICAL GENERATION, MODEL NO. T163-7K36 (16V-4000), SERIAL NO. 5272001601, DIESEL FUELED, SIXTEEN CYLINDERS, TURBOCHARGED AND AFTERCOOLED, 2935 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. 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 PURPOSES.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
5. 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 THE OPERATION.
[RULE 1110.2, RULE 1304 (a), RULE 1470]



**FACILITY PERMIT TO OPERATE
CEDARS-SINAI MEDICAL CTR**

6. OPERATION 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 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 1110.2, RULE 1304 (a), RULE 1470]
7. 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 1110.2, RULE 1304 (a), RULE 1470]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
9. THIS ENGINE SHALL NOT BE USED AS PART OF A DEMAND RESPONSE PROGRAM USING INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ITS ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO SO BY THE UTILITY OR THE GRID OPERATOR.
[RULE 1110.2, RULE 1304 (a)]

Emissions And Requirements:

10. 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
CEDARS-SINAI MEDICAL CTR**

PERMIT TO OPERATE

**Permit No. F62175
A/N 410738**

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, EMERGENCY ELECTRICAL GENERATION, MODEL NO. T163-7K36 (16V-4000), SERIAL NO. 5272001602, DIESEL FUELED, SIXTEEN CYLINDERS, TURBOCHARGED AND AFTERCOOLED, 2935 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. 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 PURPOSES.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1110.2, RULE 1304 (a), RULE 1470]
5. 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 THE OPERATION.
[RULE 1110.2, RULE 1304 (a), RULE 1470]



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6. OPERATION 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 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 1110.2, RULE 1304 (a), RULE 1470]
7. 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 1110.2, RULE 1304 (a), RULE 1470]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
9. THIS ENGINE SHALL NOT BE USED AS PART OF A DEMAND RESPONSE PROGRAM USING INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ITS ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR THE GRID OPERATOR.
[RULE 1110.2, RULE 1304 (a)]

Emissions And Requirements:

10. 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 CEDARS-SINAI MEDICAL CTR

PERMIT TO OPERATE

Permit No. G23263
A/N 497314

Equipment Description:

AIR POLLUTION CONTROL SYSTEM, CONSISTING OF:

1. SELECTIVE CATALYTIC REDUCTION SYSTEM NO. 1, HALDOR TOPSOE, MODEL NO. DNX-929, TITANIUM DIOXIDE, VANADIUM PENTOXIDE AND TUNGSTEN OXIDE CATALYST MATERIAL, 6'-6" W. x 8'-3/4" L. x 6'-6" H., 4.5 CUBIC FEET OF CATALYST.
2. AMMONIA INJECTION GRID;
3. ANHYDROUS AMMONIA STORAGE, TWO 150- POUND CYLINDERS (SHARED WITH SELECTIVE CATALYTIC REDUCTION SYSTEMS NOS. 2 AND 3); AND
4. VENTING BOILER NO. B-1 (SERIAL NO. 10440).

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 SYSTEM SHALL BE IN OPERATION WHENEVER THE BOILER IT IS VENTING IS IN OPERATION, EXCEPT AS OTHERWISE NOTED IN THIS PERMIT.
[RULE 1146]
4. THIS EQUIPMENT SHALL NOT EMIT MORE THAN 5 PPM OF AMMONIA, MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN AND AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES.
[RULE 1303(a)(1)-BACT]
5. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS ON THE EQUIPMENT UNDER THE FOLLOWING CONDITIONS:
 - A. THE INITIAL SOURCE TESTS TO VERIFY COMPLIANCE WITH THE AMMONIA LIMIT SPECIFIED BY CONDITION NO. 4 ABOVE SHALL BE PERFORMED IN ACCORDANCE WITH INITIAL SOURCE TEST CONDITION NO. 18 ON THE PERMITS TO OPERATE FOR APPLICATION NOS. 503717, 503718, AND 503719 FOR THE ASSOCIATED BOILERS, FOR NATURAL GAS FIRING AND FUEL OIL FIRING.



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B. PERIODIC SOURCE TESTS TO VERIFY COMPLIANCE WITH THE AMMONIA LIMIT SHALL BE CONDUCTED AT LEAST ANNUALLY THEREAFTER FOR NATURAL GAS FIRING. TWO COMPLETE COPIES OF THE SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765), WITHIN 60 DAYS AFTER THE TEST IS COMPLETED.

[RULE 1303(a)(1)-BACT]

6. THE OPERATOR SHALL CHECK NOX EMISSIONS WITH A PORTABLE NOX, CO AND OXYGEN ANALYZER ACCORDING TO THE "PROTOCOL FOR THE PERIODIC MONITORING OF NITROGEN OXIDES, CARBON MONOXIDE, AND OXYGEN FROM UNITS SUBJECT TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULES 1146 AND 1146.1" AT LEAST EVERY 45-DAYS TO ENSURE PROPER OPERATION OF THIS EQUIPMENT. THE OPERATOR SHALL COMPLY WITH THIS CONDITION AND THE RULE 1146 REQUIREMENTS FOR PORTABLE ANALYZER TESTS TO ENSURE PROPER OPERATION OF THE ASSOCIATED BOILER, WHICHEVER IS MORE STRINGENT. THE BOILER SHALL BE FIRED ON NATURAL GAS.

[RULE 1303(a)(1)-BACT]

7. THE AMMONIA INJECTION SYSTEM SHALL BE IN FULL OPERATION WHENEVER THE SCR INLET TEMPERATURE IS ABOVE 300 DEGREES FAHRENHEIT.

[RULE 1146]

8. THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE GAUGE TO ACCURATELY INDICATE THE TEMPERATURE OF THE EXHAUST AT THE OUTLET OF THE SCR REACTOR. THE MEASURING DEVICE OR GAUGE SHALL CONTINUOUSLY MEASURE THE TEMPERATURE, BE ACCURATE TO WITHIN PLUS OR MINUS 5 PERCENT, AND BE CALIBRATED ONCE EVERY 12 MONTHS. THE OPERATOR SHALL MAINTAIN MONTHLY RECORDS OF THE TEMPERATURE. THE SELECTIVE CATALYTIC REDUCTION (SCR) TEMPERATURE RANGE SHALL REMAIN BETWEEN 300 DEGREES FAHRENHEIT AND 700 DEGREES FAHRENHEIT.

[RULE 1303(a)(1)-BACT]

9. THE OPERATOR SHALL INSTALL AND MAINTAIN A FLOW METER TO ACCURATELY INDICATE THE FLOW RATE OF THE TOTAL HOURLY THROUGHPUT OF INJECTED AMMONIA. THE MEASURING DEVICE OR GAUGE SHALL CONTINUOUSLY MEASURE THE HOURLY THROUGHPUT, BE ACCURATE TO WITHIN PLUS OR MINUS 5 PERCENT, AND BE CALIBRATED ONCE EVERY 12 MONTHS. THE OPERATOR SHALL MAINTAIN MONTHLY RECORDS OF THE HOURLY THROUGHPUT. THE AMMONIA INJECTION RATE SHALL REMAIN BETWEEN 0.25 LB/HR AND 2.5 LB/HR.

[RULE 1303(a)(1)-BACT]

10. THE OPERATOR SHALL INSTALL AND MAINTAIN A PRESSURE GAUGE TO ACCURATELY INDICATE THE DIFFERENTIAL PRESSURE ACROSS THE SCR CATALYST BED IN INCHES OF WATER COLUMN. THE MEASURING DEVICE OR GAUGE SHALL CONTINUOUSLY MEASURE THE DIFFERENTIAL PRESSURE, BE ACCURATE TO WITHIN PLUS OR MINUS 5 PERCENT, AND BE CALIBRATED ONCE EVERY 12 MONTHS. THE OPERATOR SHALL MAINTAIN MONTHLY RECORDS OF THE DIFFERENTIAL PRESSURE. THE PRESSURE DROP ACROSS THE CATALYST SHALL NOT EXCEED 5 INCHES OF WATER COLUMN.



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[RULE 1303(a)(1)-BACT]

Emissions and Requirements:

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

NH₃: 5 PPMV, RULE 1303(a)(1)



**FACILITY PERMIT TO OPERATE
CEDARS-SINAI MEDICAL CTR**

PERMIT TO OPERATE

**Permit No. G23264
A/N 501990**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM, CONSISTING OF:

1. SELECTIVE CATALYTIC REDUCTION SYSTEM NO. 2, HALDOR TOPSOE, MODEL NO. DNX-929, TITANIUM DIOXIDE, VANADIUM PENTOXIDE AND TUNGSTEN OXIDE CATALYST MATERIAL, 6'-6" W. x 8'-3/4" L. x 6'-6" H., 4.5 CUBIC FEET OF CATALYST.
2. AMMONIA INJECTION GRID;
3. ANHYDROUS AMMONIA STORAGE, TWO 150- POUND CYLINDERS (SHARED WITH SELECTIVE CATALYTIC REDUCTION SYSTEMS NOS. 1 AND 3); AND
4. VENTING BOILER NO. B-2 (SERIAL NO. 10441).

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 SYSTEM SHALL BE IN OPERATION WHENEVER THE BOILER IT IS VENTING IS IN OPERATION, EXCEPT AS OTHERWISE NOTED IN THIS PERMIT.
[RULE 1146]
4. THIS EQUIPMENT SHALL NOT EMIT MORE THAN 5 PPM OF AMMONIA, MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN AND AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES.
[RULE 1303(a)(1)-BACT]
5. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS ON THE EQUIPMENT UNDER THE FOLLOWING CONDITIONS:
 - A. THE INITIAL SOURCE TESTS TO VERIFY COMPLIANCE WITH THE AMMONIA LIMIT SPECIFIED BY CONDITION NO. 4 ABOVE SHALL BE PERFORMED IN ACCORDANCE WITH INITIAL SOURCE TEST CONDITION NO. 18 ON THE PERMITS TO OPERATE FOR APPLICATION NOS. 503717, 503718, AND 503719 FOR THE ASSOCIATED BOILERS, FOR NATURAL GAS FIRING AND FUEL OIL FIRING.



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- B. PERIODIC SOURCE TESTS TO VERIFY COMPLIANCE WITH THE AMMONIA LIMIT SHALL BE CONDUCTED AT LEAST ANNUALLY THEREAFTER FOR NATURAL GAS FIRING. TWO COMPLETE COPIES OF THE SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765), WITHIN 60 DAYS AFTER THE TEST IS COMPLETED.

[RULE 1303(a)(1)-BACT]

6. THE OPERATOR SHALL CHECK NOX EMISSIONS WITH A PORTABLE NOX, CO AND OXYGEN ANALYZER ACCORDING TO THE "PROTOCOL FOR THE PERIODIC MONITORING OF NITROGEN OXIDES, CARBON MONOXIDE, AND OXYGEN FROM UNITS SUBJECT TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULES 1146 AND 1146.1" AT LEAST EVERY 45-DAYS TO ENSURE PROPER OPERATION OF THIS EQUIPMENT. THE OPERATOR SHALL COMPLY WITH THIS CONDITION AND THE RULE 1146 REQUIREMENTS FOR PORTABLE ANALYZER TESTS TO ENSURE PROPER OPERATION OF THE ASSOCIATED BOILER, WHICHEVER IS MORE STRINGENT. THE BOILER SHALL BE FIRED ON NATURAL GAS.

[RULE 1303(a)(1)-BACT]

7. THE AMMONIA INJECTION SYSTEM SHALL BE IN FULL OPERATION WHENEVER THE SCR INLET TEMPERATURE IS ABOVE 300 DEGREES FAHRENHEIT.

[RULE 1146]

8. THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE GAUGE TO ACCURATELY INDICATE THE TEMPERATURE OF THE EXHAUST AT THE OUTLET OF THE SCR REACTOR. THE MEASURING DEVICE OR GAUGE SHALL CONTINUOUSLY MEASURE THE TEMPERATURE, BE ACCURATE TO WITHIN PLUS OR MINUS 5 PERCENT, AND BE CALIBRATED ONCE EVERY 12 MONTHS. THE OPERATOR SHALL MAINTAIN MONTHLY RECORDS OF THE TEMPERATURE. THE SELECTIVE CATALYTIC REDUCTION (SCR) TEMPERATURE RANGE SHALL REMAIN BETWEEN 300 DEGREES FAHRENHEIT AND 700 DEGREES FAHRENHEIT.

[RULE 1303(a)(1)-BACT]

9. THE OPERATOR SHALL INSTALL AND MAINTAIN A FLOW METER TO ACCURATELY INDICATE THE FLOW RATE OF THE TOTAL HOURLY THROUGHPUT OF INJECTED AMMONIA. THE MEASURING DEVICE OR GAUGE SHALL CONTINUOUSLY MEASURE THE HOURLY THROUGHPUT, BE ACCURATE TO WITHIN PLUS OR MINUS 5 PERCENT, AND BE CALIBRATED ONCE EVERY 12 MONTHS. THE OPERATOR SHALL MAINTAIN MONTHLY RECORDS OF THE HOURLY THROUGHPUT. THE AMMONIA INJECTION RATE SHALL REMAIN BETWEEN 0.25 LB/HR AND 2.5 LB/HR.

[RULE 1303(a)(1)-BACT]

10. THE OPERATOR SHALL INSTALL AND MAINTAIN A PRESSURE GAUGE TO ACCURATELY INDICATE THE DIFFERENTIAL PRESSURE ACROSS THE SCR CATALYST BED IN INCHES OF WATER COLUMN. THE MEASURING DEVICE OR GAUGE SHALL CONTINUOUSLY MEASURE THE DIFFERENTIAL PRESSURE, BE ACCURATE TO WITHIN PLUS OR MINUS 5 PERCENT, AND BE CALIBRATED ONCE EVERY 12 MONTHS. THE OPERATOR SHALL MAINTAIN MONTHLY RECORDS OF THE DIFFERENTIAL PRESSURE. THE PRESSURE DROP ACROSS THE CATALYST SHALL NOT EXCEED 5 INCHES OF WATER COLUMN.



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[RULE 1303(a)(1)-BACT]

Emissions and Requirements:

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

NH3: 5 PPMV, RULE 1303(a)(1)



FACILITY PERMIT TO OPERATE CEDARS-SINAI MEDICAL CTR

PERMIT TO OPERATE

Permit No. G23265
A/N 501991

Equipment Description:

AIR POLLUTION CONTROL SYSTEM, CONSISTING OF:

1. SELECTIVE CATALYTIC REDUCTION SYSTEM NO. 3, HALDOR TOPSOE, MODEL NO. DNX-929, TITANIUM DIOXIDE, VANADIUM PENTOXIDE AND TUNGSTEN OXIDE CATALYST MATERIAL, 6'-6" W. x 8'-3/4" L. x 6'-6" H., 4.5 CUBIC FEET OF CATALYST.
2. AMMONIA INJECTION GRID;
3. ANHYDROUS AMMONIA STORAGE, TWO 150- POUND CYLINDERS (SHARED WITH SELECTIVE CATALYTIC REDUCTION SYSTEMS NOS. 1 AND 2); AND
4. VENTING BOILER NO. B-3 (SERIAL NO. 10439).

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 SYSTEM SHALL BE IN OPERATION WHENEVER THE BOILER IT IS VENTING IS IN OPERATION, EXCEPT AS OTHERWISE NOTED IN THIS PERMIT.
[RULE 1146]
4. THIS EQUIPMENT SHALL NOT EMIT MORE THAN 5 PPM OF AMMONIA, MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN AND AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES.
[RULE 1303(a)(1)-BACT]
5. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS ON THE EQUIPMENT UNDER THE FOLLOWING CONDITIONS:
 - A. THE INITIAL SOURCE TESTS TO VERIFY COMPLIANCE WITH THE AMMONIA LIMIT SPECIFIED BY CONDITION NO. 4 ABOVE SHALL BE PERFORMED IN ACCORDANCE WITH INITIAL SOURCE TEST CONDITION NO. 18 ON THE PERMITS TO OPERATE FOR APPLICATION NOS. 503717, 503718, AND 503719 FOR THE ASSOCIATED BOILERS, FOR NATURAL GAS FIRING AND FUEL OIL FIRING.



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B. PERIODIC SOURCE TESTS TO VERIFY COMPLIANCE WITH THE AMMONIA LIMIT SHALL BE CONDUCTED AT LEAST ANNUALLY THEREAFTER FOR NATURAL GAS FIRING. TWO COMPLETE COPIES OF THE SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765), WITHIN 60 DAYS AFTER THE TEST IS COMPLETED.

[RULE 1303(a)(1)-BACT]

6. THE OPERATOR SHALL CHECK NOX EMISSIONS WITH A PORTABLE NOX, CO AND OXYGEN ANALYZER ACCORDING TO THE "PROTOCOL FOR THE PERIODIC MONITORING OF NITROGEN OXIDES, CARBON MONOXIDE, AND OXYGEN FROM UNITS SUBJECT TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULES 1146 AND 1146.1" AT LEAST EVERY 45-DAYS TO ENSURE PROPER OPERATION OF THIS EQUIPMENT. THE OPERATOR SHALL COMPLY WITH THIS CONDITION AND THE RULE 1146 REQUIREMENTS FOR PORTABLE ANALYZER TESTS TO ENSURE PROPER OPERATION OF THE ASSOCIATED BOILER, WHICHEVER IS MORE STRINGENT. THE BOILER SHALL BE FIRED ON NATURAL GAS.

[RULE 1303(a)(1)-BACT]

7. THE AMMONIA INJECTION SYSTEM SHALL BE IN FULL OPERATION WHENEVER THE SCR INLET TEMPERATURE IS ABOVE 300 DEGREES FAHRENHEIT.

[RULE 1146]

8. THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE GAUGE TO ACCURATELY INDICATE THE TEMPERATURE OF THE EXHAUST AT THE OUTLET OF THE SCR REACTOR. THE MEASURING DEVICE OR GAUGE SHALL CONTINUOUSLY MEASURE THE TEMPERATURE, BE ACCURATE TO WITHIN PLUS OR MINUS 5 PERCENT, AND BE CALIBRATED ONCE EVERY 12 MONTHS. THE OPERATOR SHALL MAINTAIN MONTHLY RECORDS OF THE TEMPERATURE. THE SELECTIVE CATALYTIC REDUCTION (SCR) TEMPERATURE RANGE SHALL REMAIN BETWEEN 300 DEGREES FAHRENHEIT AND 700 DEGREES FAHRENHEIT.

[RULE 1303(a)(1)-BACT]

9. THE OPERATOR SHALL INSTALL AND MAINTAIN A FLOW METER TO ACCURATELY INDICATE THE FLOW RATE OF THE TOTAL HOURLY THROUGHPUT OF INJECTED AMMONIA. THE MEASURING DEVICE OR GAUGE SHALL CONTINUOUSLY MEASURE THE HOURLY THROUGHPUT, BE ACCURATE TO WITHIN PLUS OR MINUS 5 PERCENT, AND BE CALIBRATED ONCE EVERY 12 MONTHS. THE OPERATOR SHALL MAINTAIN MONTHLY RECORDS OF THE HOURLY THROUGHPUT. THE AMMONIA INJECTION RATE SHALL REMAIN BETWEEN 0.25 LB/HR AND 2.5 LB/HR.

[RULE 1303(a)(1)-BACT]

10. THE OPERATOR SHALL INSTALL AND MAINTAIN A PRESSURE GAUGE TO ACCURATELY INDICATE THE DIFFERENTIAL PRESSURE ACROSS THE SCR CATALYST BED IN INCHES OF WATER COLUMN. THE MEASURING DEVICE OR GAUGE SHALL CONTINUOUSLY MEASURE THE DIFFERENTIAL PRESSURE, BE ACCURATE TO WITHIN PLUS OR MINUS 5 PERCENT, AND BE CALIBRATED ONCE EVERY 12 MONTHS. THE OPERATOR SHALL MAINTAIN MONTHLY RECORDS OF THE DIFFERENTIAL PRESSURE. THE PRESSURE DROP ACROSS THE CATALYST SHALL NOT EXCEED 5 INCHES OF WATER COLUMN.



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CEDARS-SINAI MEDICAL CTR**

[RULE 1303(a)(1)-BACT]

Emissions and Requirements:

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

NH3: 5 PPMV, RULE 1303(a)(1)



**FACILITY PERMIT TO OPERATE
CEDARS-SINAI MEDICAL CTR**

PERMIT TO OPERATE

Permit No. G23260
A/N 503717

Equipment Description:

BOILER NO. B-1, TRANE-MURRAY, WATERTUBE TYPE, MODEL NO. MCF 4-49, SERIAL NUMBER 10440, WITH A BURNER, COEN, MODEL DAF/FGR 26, NATURAL GAS FIRED WITH FUEL OIL STAND-BY, RATED AT 61,887,000 BTU/HR NATURAL GAS FIRED, AND 40,000,000 BTU/HR FUEL OIL FIRED. FLUE GAS RECIRCULATION, AND A 40 H.P. COMBUSTION AIR BLOWER.

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 BOILER SHALL BE FIRED ON NATURAL GAS. FUEL OIL USE IS RESTRICTED TO PERIODS OF NATURAL GAS CURTAILMENT, NATURAL GAS SUPPLY EMERGENCIES, OR PERIODIC TESTING. PERIODIC TESTING OF FUEL OIL SHALL NOT EXCEED A COMBINED TOTAL OF 48 HOURS DURING ANY ONE CALENDAR YEAR.
[RULE 1146; RULE 1303(b)(2)-OFFSETS; 40 CFR 63.11237]
4. THE FUEL OIL SUPPLIED TO THE BURNER SHALL BE NO. 2 OR LIGHTER GRADE AS DESCRIBED BY THE LATEST ASTM SPECIFICATIONS WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 431.2]
5. MATERIAL SAFETY DATA SHEET (MSDS) FOR THE FUEL OIL USED IN THIS BOILER SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE MSDS SHALL INCLUDE, BUT NOT BE LIMITED TO, THE NAME OF THE OIL SUPPLIER AND THE SULFUR CONTENT OR MAXIMUM SULFUR CONTENT OF THE OIL.
[RULE 431.2]
6. WHEN FIRING ON NATURAL GAS, THIS BOILER SHALL NOT EMIT MORE THAN 5 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO₂, AND 400 PPM OF CARBON MONOXIDE (CO), BOTH MEASURED BY VOLUME ON A DRY BASIS AT 3% O₂, ON OR AFTER JANUARY 1, 2014.

WHEN FIRING ON FUEL OIL, THIS BOILER SHALL NOT EMIT MORE THAN 40 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO₂, AND 400 PPM OF CARBON MONOXIDE (CO), BOTH MEASURED BY VOLUME ON A DRY BASIS AT 3% O₂.

[RULE 1146, RULE 1303(b)(2)-OFFSET]



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7. THIS BOILER SHALL BE EQUIPPED WITH A NON-RESETTABLE, TOTALIZING FLOW METER FOR EACH FUEL FIRED.
[RULE 1146]
8. THE OPERATOR SHALL KEEP A CALENDAR MONTHLY LOG OF USAGE THAT SHALL LIST AND DOCUMENT THE NATURE OF USE IN EACH OF THE FOLLOWING AREAS:
- A. DATE AND TIME OF OPERATION ON FUEL OIL;
 - B. HOURS OF OPERATION ON FUEL OIL;
 - C. REASON FOR OPERATION ON FUEL OIL;
 - D. AMOUNT OF FUEL OIL USED; AND
 - E. AMOUNT OF NATURAL GAS USED.
- [RULE 1146, 40 CFR 63.11237]
9. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE BOILER OPERATING LOG THE FOLLOWING:
- A. THE TOTAL HOURS OF OPERATION ON FUEL OIL FOR THE PREVIOUS CALENDAR YEAR.
 - B. THE TOTAL FUEL OIL USAGE FOR THE PREVIOUS CALENDAR YEAR, AND
 - C. THE TOTAL NATURAL GAS USAGE FOR THE PREVIOUS CALENDAR YEAR.
- [RULE 1146, 40 CFR 63.11237]
10. IF THE ANNUAL HEAT INPUT FOR THIS BOILER IS GREATER THAN 200 BILLION BTUS OF FUEL IN ANY ONE CALENDAR YEAR, THE BOILER OPERATOR SHALL INSTALL A NITROGEN OXIDES CONTINUOUS EMISSIONS MONITORING SYSTEM THAT IS APPROVED BY THE EXECUTIVE OFFICER IN ACCORDANCE WITH RULE 218.
[RULE 1146]
11. TO ENSURE COMPLIANCE WITH CONDITION NO. 10, THE FACILITY SHALL:
- A. CALCULATE THE MONTHLY HEAT INPUT FOR THIS BOILER USING THE FOLLOWING EQUATION:

AMOUNT OF FUEL USED PER MONTH X EMISSION FACTOR
 - B. THE EMISSION FACTORS TO BE USED FOR THIS EQUIPMENT ARE:

1050 BTU PER CUBIC FEET OF NATURAL GAS USED

OR, IF FUEL OIL WAS USED AS BACK-UP FUEL.

138,490 BTU PER GALLON OF FUEL OIL USED



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- C. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, CALCULATE AND RECORD THE HEAT INPUT IN BTUS FOR THE PREVIOUS MONTH.
- D. ON OR BEFORE JANUARY 15TH OF EACH YEAR, TOTAL AND RECORD THE HEAT INPUT FOR THE PREVIOUS CALENDAR YEAR.

[RULE 1146]

- 12. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.
[RULE 1146]
- 13. THE BURNER SHALL BE EQUIPPED WITH A CONTROL SYSTEM TO REGULATE COMBUSTION AIR, FUEL AND RECIRCULATED FLUE GAS AS THE BOILER LOAD VARIES. THIS CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED AT LEAST ONCE A YEAR ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO ASSURE ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RATE.
[RULE 1146]
- 14. RECORDS OF SUCH ADJUSTMENTS, TUNE-UPS AND CALIBRATIONS AS STATED IN CONDITION NO. 13 SHALL BE RETAINED AT THE FACILITY FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1146]
- 15. THIS BOILER SHALL ONLY VENT TO A SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM WHICH IS IN FULL OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT OR OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1146]
- 16. THE BOILER SHALL BE OPERATED IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF RULE 1146, INCLUDING THE COMPLIANCE DETERMINATION REQUIREMENTS FOR SOURCE TESTING AND PERIODIC MONITORING.
[RULE 1146]
- 17. THE OPERATOR SHALL MAINTAIN ADEQUATE RECORDS TO VERIFY COMPLIANCE WITH ALL CONDITIONS SPECIFIED IN THIS PERMIT. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1146, RULE 2005]
- 18. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS ON THE EQUIPMENT UNDER THE FOLLOWING CONDITIONS:
 - A) SOURCE TESTING SHALL BE CONDUCTED WITHIN 180 DAYS AFTER INITIAL START-UP UNLESS OTHERWISE APPROVED IN WRITING BY THE EXECUTIVE OFFICER.
 - B) THE SOURCE TESTS SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH THE NO_x AND CO EMISSION LIMITS SPECIFIED BY CONDITION NO. 6 ABOVE FOR NATURAL GAS



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AND FUEL OIL.

- C) THE SOURCE TESTS SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH THE AMMONIA EMISSIONS LIMIT SPECIFIED BY CONDITION NO. 4 ON THE PERMITS TO OPERATE FOR APPLICATION NOS. 497314, 501990, AND 501991 FOR THE ASSOCIATED SCR'S.
- D) THE SOURCE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH SCAQMD METHOD 100.1.
- E) THE TESTS SHALL BE CONDUCTED WHILE THE BOILER IS FIRING AT MAXIMUM, MINIMUM AND AVERAGE FIRING RATES. THE SAMPLING TIMES SHALL BE AT LEAST 15 CONSECUTIVE MINUTES FOR EACH OF THE THREE LOADS.
- F) TWO COMPLETE COPIES OF SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765), REFERENCING APPLICATION NOS. 503717, 503718, AND 503719, WITHIN 45 60 DAYS AFTER THE TEST IS COMPLETED. THE REPORT SHALL INCLUDE, BUT NOT BE LIMITED TO EMISSIONS RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE OUTLET OF THE BOILER, MEASURED ON A DRY BASIS AT 3% OXYGEN. THE FOLLOWING OPERATING DATA SHALL ALSO BE INCLUDED FOR EACH FIRING RATE:
 - I. THE EXHAUST FLOW RATES, IN ACTUAL CUBIC FEET PER MINUTE (ACFM),
 - II. THE FIRING RATES, IN BTU PER HOUR,
 - III. THE EXHAUST TEMPERATURE, IN DEGREES F,
 - IV. THE OXYGEN CONTENT OF THE EXHAUST GASES, IN PERCENT, AND
 - V. THE FUEL FLOW RATE.
- G) A CONTRACTOR APPROVED UNDER THE DISTRICT LABORATORY APPROVAL PROGRAM IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TESTS.
- H) SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

[RULE 1146, RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

- 19. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS 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 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:



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- 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:

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

- 20. IF ANNUAL FUEL USAGE EXCEEDS 2,000,000 GALLONS IN ANY ONE YEAR, THEN THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE PARTICULATE MATTER (PM) EMISSION LIMIT(S) BY CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 5.2. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 409 LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.

FOR THE PURPOSE OF DETERMINING COMPLIANCE WITH RULE 409 LIMIT, THE EMISSIONS SHALL BE MEASURED AND AVERAGED OVER A 60 MINUTE TIME PERIOD.

THE OPERATOR SHALL CONDUCT AN ANNUAL MAINTENANCE INSPECTION CHECK OF THE OPERATING PRESSURE, TEMPERATURE, AIR SUPPLY, VENT, SMOKE SPOT, BURNER CONDITION, HEAT-TRANSFER SURFACE CONDITION, WATER TREATMENT, BLOWDOWN AND LEAKAGE.

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

- A. DATE WHEN ANNUAL MAINTENANCE INSPECTION WAS CONDUCTED.
- [RULE 3004 (a)(4)]

- 21. FOR UNITS WITH A HEAT INPUT GREATER THAN 10 MMBTU/HR AND ANNUAL OIL USAGE GREATER THAN 1,000,000 GALLONS OR GREATER THAN 336 HOURS OF OPERATION, BUT DO NOT EXCEED 2,000,000 GALLONS IN ANY ONE YEAR—THE OPERATOR SHALL CONDUCT AN ANNUAL MAINTENANCE INSPECTION CHECK OF THE OPERATING PRESSURE, TEMPERATURE, AIR SUPPLY, VENT, SMOKE SPOT, BURNER CONDITION, HEAT-TRANSFER SURFACE CONDITION, WATER TREATMENT, BLOWDOWN AND LEAKAGE.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING



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REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. DATE WHEN ANNUAL MAINTENANCE INSPECTION WAS CONDUCTED.
[RULE 3004 (a)(4)]

Emissions and Requirements:

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

CO: 400 PPMV, RULE 1146
CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
NOX 40 PPMV, RULE 1146 [FUEL OIL]
NOX: 30 PPMV, RULE 1146 [NATURAL GAS PRIOR TO 1/1/2014]
NOX: 5 PPMV, RULE 1146 [NATURAL GAS ON OR AFTER 1/1/2014]



**FACILITY PERMIT TO OPERATE
CEDARS-SINAI MEDICAL CTR**

PERMIT TO OPERATE

**Permit No. G23261
A/N 503718**

Equipment Description:

BOILER NO. B-2, TRANE-MURRAY, WATERTUBE TYPE, MODEL NO. MCF 4-49, SERIAL NUMBER 10441, WITH A BURNER, COEN, MODEL DAF/FGR 26, NATURAL GAS FIRED WITH FUEL OIL STAND-BY, RATED AT 61,887,000 BTU/HR NATURAL GAS FIRED, AND 40,000,000 BTU/HR FUEL OIL FIRED, FLUE GAS RECIRCULATION, AND A 40 H.P. COMBUSTION AIR BLOWER.

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 BOILER SHALL BE FIRED ON NATURAL GAS. FUEL OIL USE IS RESTRICTED TO PERIODS OF NATURAL GAS CURTAILMENT, NATURAL GAS SUPPLY EMERGENCIES, OR PERIODIC TESTING. PERIODIC TESTING OF FUEL OIL SHALL NOT EXCEED A COMBINED TOTAL OF 48 HOURS DURING ANY ONE CALENDAR YEAR.
[RULE 1146; RULE 1303(b)(2)-OFFSETS; 40 CFR 63.11237]
4. THE FUEL OIL SUPPLIED TO THE BURNER SHALL BE NO. 2 OR LIGHTER GRADE AS DESCRIBED BY THE LATEST ASTM SPECIFICATIONS WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 431.2]
5. MATERIAL SAFETY DATA SHEET (MSDS) FOR THE FUEL OIL USED IN THIS BOILER SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE MSDS SHALL INCLUDE, BUT NOT BE LIMITED TO, THE NAME OF THE OIL SUPPLIER AND THE SULFUR CONTENT OR MAXIMUM SULFUR CONTENT OF THE OIL.
[RULE 431.2]
6. WHEN FIRING ON NATURAL GAS, THIS BOILER SHALL NOT EMIT MORE THAN 5 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO₂, AND 400 PPM OF CARBON MONOXIDE (CO), BOTH MEASURED BY VOLUME ON A DRY BASIS AT 3% O₂, ON OR AFTER JANUARY 1, 2014.

WHEN FIRING ON FUEL OIL, THIS BOILER SHALL NOT EMIT MORE THAN 40 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO₂, AND 400 PPM OF CARBON MONOXIDE (CO), BOTH MEASURED BY VOLUME ON A DRY BASIS AT 3% O₂.

[RULE 1146, RULE 1303(b)(2)-OFFSET]



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7. THIS BOILER SHALL BE EQUIPPED WITH A NON-RESETTABLE, TOTALIZING FLOW METER FOR EACH FUEL FIRED.
[RULE 1146]

8. THE OPERATOR SHALL KEEP A CALENDAR MONTHLY LOG OF USAGE THAT SHALL LIST AND DOCUMENT THE NATURE OF USE IN EACH OF THE FOLLOWING AREAS:
 - A. DATE AND TIME OF OPERATION ON FUEL OIL;
 - B. HOURS OF OPERATION ON FUEL OIL;
 - C. REASON FOR OPERATION ON FUEL OIL;
 - D. AMOUNT OF FUEL OIL USED; AND
 - E. AMOUNT OF NATURAL GAS USED.[RULE 1146, 40 CFR 63.11237]

9. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE BOILER OPERATING LOG THE FOLLOWING:
 - A. THE TOTAL HOURS OF OPERATION ON FUEL OIL FOR THE PREVIOUS CALENDAR YEAR,
 - B. THE TOTAL FUEL OIL USAGE FOR THE PREVIOUS CALENDAR YEAR, AND
 - C. THE TOTAL NATURAL GAS USAGE FOR THE PREVIOUS CALENDAR YEAR.[RULE 1146, 40 CFR 63.11237]

10. IF THE ANNUAL HEAT INPUT FOR THIS BOILER IS GREATER THAN 200 BILLION BTUS OF FUEL IN ANY ONE CALENDAR YEAR, THE BOILER OPERATOR SHALL INSTALL A NITROGEN OXIDES CONTINUOUS EMISSIONS MONITORING SYSTEM THAT IS APPROVED BY THE EXECUTIVE OFFICER IN ACCORDANCE WITH RULE 218.
[RULE 1146]

11. TO ENSURE COMPLIANCE WITH CONDITION NO. 10, THE FACILITY SHALL:
 - A. CALCULATE THE MONTHLY HEAT INPUT FOR THIS BOILER USING THE FOLLOWING EQUATION:

AMOUNT OF FUEL USED PER MONTH X EMISSION FACTOR
 - B. THE EMISSION FACTORS TO BE USED FOR THIS EQUIPMENT ARE:

1050 BTU PER CUBIC FEET OF NATURAL GAS USED

OR, IF FUEL OIL WAS USED AS BACK-UP FUEL,

138,490 BTU PER GALLON OF FUEL OIL USED



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- C. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, CALCULATE AND RECORD THE HEAT INPUT IN BTUS FOR THE PREVIOUS MONTH.
- D. ON OR BEFORE JANUARY 15TH OF EACH YEAR, TOTAL AND RECORD THE HEAT INPUT FOR THE PREVIOUS CALENDAR YEAR.

[RULE 1146]

- 12. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.
[RULE 1146]
- 13. THE BURNER SHALL BE EQUIPPED WITH A CONTROL SYSTEM TO REGULATE COMBUSTION AIR, FUEL AND RECIRCULATED FLUE GAS AS THE BOILER LOAD VARIES. THIS CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED AT LEAST ONCE A YEAR ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO ASSURE ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RATE.
[RULE 1146]
- 14. RECORDS OF SUCH ADJUSTMENTS, TUNE-UPS AND CALIBRATIONS AS STATED IN CONDITION NO. 13 SHALL BE RETAINED AT THE FACILITY FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1146]
- 15. THIS BOILER SHALL ONLY VENT TO A SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM WHICH IS IN FULL OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT OR OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1146]
- 16. THE BOILER SHALL BE OPERATED IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF RULE 1146, INCLUDING THE COMPLIANCE DETERMINATION REQUIREMENTS FOR SOURCE TESTING AND PERIODIC MONITORING.
[RULE 1146]
- 17. THE OPERATOR SHALL MAINTAIN ADEQUATE RECORDS TO VERIFY COMPLIANCE WITH ALL CONDITIONS SPECIFIED IN THIS PERMIT. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1146, RULE 2005]
- 18. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS ON THE EQUIPMENT UNDER THE FOLLOWING CONDITIONS:
 - A) SOURCE TESTING SHALL BE CONDUCTED WITHIN 180 DAYS AFTER INITIAL START-UP UNLESS OTHERWISE APPROVED IN WRITING BY THE EXECUTIVE OFFICER.
 - B) THE SOURCE TESTS SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH THE NO_x AND CO EMISSION LIMITS SPECIFIED BY CONDITION NO. 6 ABOVE FOR NATURAL GAS



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AND FUEL OIL.

- C) THE SOURCE TESTS SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH THE AMMONIA EMISSIONS LIMIT SPECIFIED BY CONDITION NO. 4 ON THE PERMITS TO OPERATE FOR APPLICATION NOS. 497314, 501990, AND 501991 FOR THE ASSOCIATED SCR'S.
- D) THE SOURCE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH SCAQMD METHOD 100.1.
- E) THE TESTS SHALL BE CONDUCTED WHILE THE BOILER IS FIRING AT MAXIMUM, MINIMUM AND AVERAGE FIRING RATES. THE SAMPLING TIMES SHALL BE AT LEAST 15 CONSECUTIVE MINUTES FOR EACH OF THE THREE LOADS.
- F) TWO COMPLETE COPIES OF SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765), REFERENCING APPLICATION NOS. 503717, 503718, AND 503719, WITHIN 45 60 DAYS AFTER THE TEST IS COMPLETED. THE REPORT SHALL INCLUDE, BUT NOT BE LIMITED TO EMISSIONS RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE OUTLET OF THE BOILER, MEASURED ON A DRY BASIS AT 3% OXYGEN. THE FOLLOWING OPERATING DATA SHALL ALSO BE INCLUDED FOR EACH FIRING RATE:
 - I. THE EXHAUST FLOW RATES, IN ACTUAL CUBIC FEET PER MINUTE (ACFM),
 - II. THE FIRING RATES, IN BTU PER HOUR,
 - III. THE EXHAUST TEMPERATURE, IN DEGREES F,
 - IV. THE OXYGEN CONTENT OF THE EXHAUST GASES, IN PERCENT, AND
 - V. THE FUEL FLOW RATE.
- G) A CONTRACTOR APPROVED UNDER THE DISTRICT LABORATORY APPROVAL PROGRAM IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TESTS.
- H) SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

[RULE 1146, RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

- 19. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS 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 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:



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- 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:

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

- 20. IF ANNUAL FUEL USAGE EXCEEDS 2,000,000 GALLONS IN ANY ONE YEAR, THEN THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE PARTICULATE MATTER (PM) EMISSION LIMIT(S) BY CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 5.2. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 409 LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.

FOR THE PURPOSE OF DETERMINING COMPLIANCE WITH RULE 409 LIMIT, THE EMISSIONS SHALL BE MEASURED AND AVERAGED OVER A 60 MINUTE TIME PERIOD.

THE OPERATOR SHALL CONDUCT AN ANNUAL MAINTENANCE INSPECTION CHECK OF THE OPERATING PRESSURE, TEMPERATURE, AIR SUPPLY, VENT, SMOKE SPOT, BURNER CONDITION, HEAT-TRANSFER SURFACE CONDITION, WATER TREATMENT, BLOWDOWN AND LEAKAGE.

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

- A. DATE WHEN ANNUAL MAINTENANCE INSPECTION WAS CONDUCTED.
- [RULE 3004 (a)(4)]

- 21. FOR UNITS WITH A HEAT INPUT GREATER THAN 10 MMBTU/HR AND ANNUAL OIL USAGE GREATER THAN 1,000,000 GALLONS OR GREATER THAN 336 HOURS OF OPERATION, BUT DO NOT EXCEED 2,000,000 GALLONS IN ANY ONE YEAR—THE OPERATOR SHALL CONDUCT AN ANNUAL MAINTENANCE INSPECTION CHECK OF THE OPERATING PRESSURE, TEMPERATURE, AIR SUPPLY, VENT, SMOKE SPOT, BURNER CONDITION, HEAT-TRANSFER SURFACE CONDITION, WATER TREATMENT, BLOWDOWN AND LEAKAGE.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING



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REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. DATE WHEN ANNUAL MAINTENANCE INSPECTION WAS CONDUCTED.
[RULE 3004 (a)(4)]

Emissions and Requirements:

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

CO: 400 PPMV, RULE 1146
CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
NOX 40 PPMV, RULE 1146 [FUEL OIL]
NOX: 30 PPMV, RULE 1146 [NATURAL GAS PRIOR TO 1/1/2014]
NOX: 5 PPMV, RULE 1146 [NATURAL GAS ON OR AFTER 1/1/2014]



**FACILITY PERMIT TO OPERATE
CEDARS-SINAI MEDICAL CTR**

PERMIT TO OPERATE

Permit No. G23262
A/N 503719

Equipment Description:

BOILER NO. B-3, TRANE-MURRAY, WATERTUBE TYPE, MODEL NO. MCF 4-49, SERIAL NUMBER 10439, WITH A BURNER, COEN, MODEL DAF/FGR 26, NATURAL GAS FIRED WITH FUEL OIL STAND-BY, RATED AT 61,887,000 BTU/HR NATURAL GAS FIRED, AND 40,000,000 BTU/HR FUEL OIL FIRED, FLUE GAS RECIRCULATION, AND A 40 H.P. COMBUSTION AIR BLOWER.

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 BOILER SHALL BE FIRED ON NATURAL GAS. FUEL OIL USE IS RESTRICTED TO PERIODS OF NATURAL GAS CURTAILMENT, NATURAL GAS SUPPLY EMERGENCIES, OR PERIODIC TESTING. PERIODIC TESTING OF FUEL OIL SHALL NOT EXCEED A COMBINED TOTAL OF 48 HOURS DURING ANY ONE CALENDAR YEAR.
[RULE 1146; RULE 1303(b)(2)-OFFSETS; 40 CFR 63.11237]
4. THE FUEL OIL SUPPLIED TO THE BURNER SHALL BE NO. 2 OR LIGHTER GRADE AS DESCRIBED BY THE LATEST ASTM SPECIFICATIONS WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 431.2]
5. MATERIAL SAFETY DATA SHEET (MSDS) FOR THE FUEL OIL USED IN THIS BOILER SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE MSDS SHALL INCLUDE, BUT NOT BE LIMITED TO, THE NAME OF THE OIL SUPPLIER AND THE SULFUR CONTENT OR MAXIMUM SULFUR CONTENT OF THE OIL.
[RULE 431.2]
6. WHEN FIRING ON NATURAL GAS, THIS BOILER SHALL NOT EMIT MORE THAN 5 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO₂, AND 400 PPM OF CARBON MONOXIDE (CO), BOTH MEASURED BY VOLUME ON A DRY BASIS AT 3% O₂, ON OR AFTER JANUARY 1, 2014.

WHEN FIRING ON FUEL OIL, THIS BOILER SHALL NOT EMIT MORE THAN 40 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO₂, AND 400 PPM OF CARBON MONOXIDE (CO), BOTH MEASURED BY VOLUME ON A DRY BASIS AT 3% O₂.

[RULE 1146, RULE 1303(b)(2)-OFFSET]



FACILITY PERMIT TO OPERATE CEDARS-SINAI MEDICAL CTR

7. THIS BOILER SHALL BE EQUIPPED WITH A NON-RESETTABLE, TOTALIZING FLOW METER FOR EACH FUEL FIRED.
[RULE 1146]

8. THE OPERATOR SHALL KEEP A CALENDAR MONTHLY LOG OF USAGE THAT SHALL LIST AND DOCUMENT THE NATURE OF USE IN EACH OF THE FOLLOWING AREAS:
 - A. DATE AND TIME OF OPERATION ON FUEL OIL;
 - B. HOURS OF OPERATION ON FUEL OIL;
 - C. REASON FOR OPERATION ON FUEL OIL;
 - D. AMOUNT OF FUEL OIL USED; AND
 - E. AMOUNT OF NATURAL GAS USED.[RULE 1146, 40 CFR 63.11237]

9. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE BOILER OPERATING LOG THE FOLLOWING:
 - A. THE TOTAL HOURS OF OPERATION ON FUEL OIL FOR THE PREVIOUS CALENDAR YEAR,
 - B. THE TOTAL FUEL OIL USAGE FOR THE PREVIOUS CALENDAR YEAR, AND
 - C. THE TOTAL NATURAL GAS USAGE FOR THE PREVIOUS CALENDAR YEAR.[RULE 1146, 40 CFR 63.11237]

10. IF THE ANNUAL HEAT INPUT FOR THIS BOILER IS GREATER THAN 200 BILLION BTUS OF FUEL IN ANY ONE CALENDAR YEAR, THE BOILER OPERATOR SHALL INSTALL A NITROGEN OXIDES CONTINUOUS EMISSIONS MONITORING SYSTEM THAT IS APPROVED BY THE EXECUTIVE OFFICER IN ACCORDANCE WITH RULE 218.
[RULE 1146]

11. TO ENSURE COMPLIANCE WITH CONDITION NO. 10, THE FACILITY SHALL:
 - A. CALCULATE THE MONTHLY HEAT INPUT FOR THIS BOILER USING THE FOLLOWING EQUATION:

AMOUNT OF FUEL USED PER MONTH X EMISSION FACTOR
 - B. THE EMISSION FACTORS TO BE USED FOR THIS EQUIPMENT ARE:

1050 BTU PER CUBIC FEET OF NATURAL GAS USED

OR, IF FUEL OIL WAS USED AS BACK-UP FUEL,

138,490 BTU PER GALLON OF FUEL OIL USED



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CEDARS-SINAI MEDICAL CTR**

- C. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, CALCULATE AND RECORD THE HEAT INPUT IN BTUS FOR THE PREVIOUS MONTH.
- D. ON OR BEFORE JANUARY 15TH OF EACH YEAR, TOTAL AND RECORD THE HEAT INPUT FOR THE PREVIOUS CALENDAR YEAR.

[RULE 1146]

- 12. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.
[RULE 1146]

- 13. THE BURNER SHALL BE EQUIPPED WITH A CONTROL SYSTEM TO REGULATE COMBUSTION AIR, FUEL AND RECIRCULATED FLUE GAS AS THE BOILER LOAD VARIES. THIS CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED AT LEAST ONCE A YEAR ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO ASSURE ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RATE.
[RULE 1146]

- 14. RECORDS OF SUCH ADJUSTMENTS, TUNE-UPS AND CALIBRATIONS AS STATED IN CONDITION NO. 13 SHALL BE RETAINED AT THE FACILITY FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1146]

- 15. THIS BOILER SHALL ONLY VENT TO A SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM WHICH IS IN FULL OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT OR OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1146]

- 16. THE BOILER SHALL BE OPERATED IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF RULE 1146, INCLUDING THE COMPLIANCE DETERMINATION REQUIREMENTS FOR SOURCE TESTING AND PERIODIC MONITORING.
[RULE 1146]

- 17. THE OPERATOR SHALL MAINTAIN ADEQUATE RECORDS TO VERIFY COMPLIANCE WITH ALL CONDITIONS SPECIFIED IN THIS PERMIT. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 1146, RULE 2005]

- 18. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS ON THE EQUIPMENT UNDER THE FOLLOWING CONDITIONS:

- A) SOURCE TESTING SHALL BE CONDUCTED WITHIN 180 DAYS AFTER INITIAL START-UP UNLESS OTHERWISE APPROVED IN WRITING BY THE EXECUTIVE OFFICER.

- B) THE SOURCE TESTS SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH THE NO_x AND CO EMISSION LIMITS SPECIFIED BY CONDITION NO. 6 ABOVE FOR NATURAL GAS



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AND FUEL OIL.

- C) THE SOURCE TESTS SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH THE AMMONIA EMISSIONS LIMIT SPECIFIED BY CONDITION NO. 4 ON THE PERMITS TO OPERATE FOR APPLICATION NOS. 497314, 501990, AND 501991 FOR THE ASSOCIATED SCR'S.
- D) THE SOURCE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH SCAQMD METHOD 100.1.
- E) THE TESTS SHALL BE CONDUCTED WHILE THE BOILER IS FIRING AT MAXIMUM, MINIMUM AND AVERAGE FIRING RATES. THE SAMPLING TIMES SHALL BE AT LEAST 15 CONSECUTIVE MINUTES FOR EACH OF THE THREE LOADS.
- F) TWO COMPLETE COPIES OF SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765), REFERENCING APPLICATION NOS. 503717, 503718, AND 503719, WITHIN 45-60 DAYS AFTER THE TEST IS COMPLETED. THE REPORT SHALL INCLUDE, BUT NOT BE LIMITED TO EMISSIONS RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE OUTLET OF THE BOILER, MEASURED ON A DRY BASIS AT 3% OXYGEN. THE FOLLOWING OPERATING DATA SHALL ALSO BE INCLUDED FOR EACH FIRING RATE:
- I. THE EXHAUST FLOW RATES, IN ACTUAL CUBIC FEET PER MINUTE (ACFM),
 - II. THE FIRING RATES, IN BTU PER HOUR,
 - III. THE EXHAUST TEMPERATURE, IN DEGREES F,
 - IV. THE OXYGEN CONTENT OF THE EXHAUST GASES, IN PERCENT, AND
 - V. THE FUEL FLOW RATE.
- G) A CONTRACTOR APPROVED UNDER THE DISTRICT LABORATORY APPROVAL PROGRAM IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TESTS.
- H) SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

[RULE 1146, RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

19. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS 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 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:



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- 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:

- C. STACK OR EMISSION POINT IDENTIFICATION;
- D. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- E. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- F. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.

[RULE 3004 (a)(4)]

- 20. IF ANNUAL FUEL USAGE EXCEEDS 2,000,000 GALLONS IN ANY ONE YEAR, THEN THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE PARTICULATE MATTER (PM) EMISSION LIMIT(S) BY CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 5.2. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 409 LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.

FOR THE PURPOSE OF DETERMINING COMPLIANCE WITH RULE 409 LIMIT, THE EMISSIONS SHALL BE MEASURED AND AVERAGED OVER A 60 MINUTE TIME PERIOD.

THE OPERATOR SHALL CONDUCT AN ANNUAL MAINTENANCE INSPECTION CHECK OF THE OPERATING PRESSURE, TEMPERATURE, AIR SUPPLY, VENT, SMOKE SPOT, BURNER CONDITION, HEAT-TRANSFER SURFACE CONDITION, WATER TREATMENT, BLOWDOWN AND LEAKAGE.

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

- A. DATE WHEN ANNUAL MAINTENANCE INSPECTION WAS CONDUCTED.

[RULE 3004 (a)(4)]

- 21. FOR UNITS WITH A HEAT INPUT GREATER THAN 10 MMBTU/HR AND ANNUAL OIL USAGE GREATER THAN 1,000,000 GALLONS OR GREATER THAN 336 HOURS OF OPERATION, BUT DO NOT EXCEED 2,000,000 GALLONS IN ANY ONE YEAR—THE OPERATOR SHALL CONDUCT AN ANNUAL MAINTENANCE INSPECTION CHECK OF THE OPERATING PRESSURE, TEMPERATURE, AIR SUPPLY, VENT, SMOKE SPOT, BURNER CONDITION, HEAT-TRANSFER SURFACE CONDITION, WATER TREATMENT, BLOWDOWN AND LEAKAGE.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING



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REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. DATE WHEN ANNUAL MAINTENANCE INSPECTION WAS CONDUCTED.
[RULE 3004 (a)(4)]

Emissions and Requirements:

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

CO: 400 PPMV, RULE 1146
CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
NOX: 40 PPMV, RULE 1146 [FUEL OIL]
NOX: 30 PPMV, RULE 1146 [NATURAL GAS PRIOR TO 1/1/2014]
NOX: 5 PPMV, RULE 1146 [NATURAL GAS ON OR AFTER 1/1/2014]



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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS.

Periodic Monitoring:

1. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

FOR ARCHITECTURAL APPLICATIONS WHERE NO THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN SEMI-ANNUAL RECORDS OF ALL COATINGS CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS SUPPLIED IN GRAMS PER LITER (g/l) OF MATERIALS FOR LOW-SOLIDS COATINGS, (c) VOC CONTENT AS SUPPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.

FOR OTHER ARCHITECTURAL APPLICATIONS WHERE THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN DAILY RECORDS FOR EACH COATING CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS APPLIED IN GRAMS PER LITER (g/l) OF MATERIALS USED FOR LOW-SOLIDS COATINGS, (c) VOC CONTENT AS APPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.

[RULE 3004 (a) (4)]

Emissions And Requirements:

2. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:

VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS



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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATIONS.

Emissions And Requirements:

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

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS



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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, COOLING TOWERS

Emissions And Requirements:

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
CR¹⁶: RULE 1404



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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, HALON FIRE EXTINGUISHING SYSTEM

Emissions And Requirements:

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

HALON:	RULE 1418
HALON:	40 CFR 82 SUBPART H



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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, REFRIGERATION SYSTEMS

Emissions And Requirements:

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

REFRIGERANT:	RULE 1415
REFRIGERANT:	40 CFR 82 SUBPART F



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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, BOILER, > 400,000 BTU/HR BUT < 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
NOx: 30 PPMV, RULE 1146.2
CO: 400 PPMV, RULE 1146.2
CO: 2000 PPMV, RULE 407