



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

November 28, 2012

Mr. Gerardo Rios
Chief – Permit Office
US EPA, Region IX Air 3
75 Hawthorne Street
San Francisco, CA 94105

Dear Mr. Rios:

Subject: Transmittal of Proposed Title V Renewal Permit
University of California, Los Angeles (AQMD ID 18452)

Enclosed are the proposed Title V renewal permit, permit summary, statement of basis, public notice, and the permit evaluation for University of California Los Angeles, located at 405 Hilgard, Los Angeles, CA 90095. With your receipt of the proposed Title V renewal permit, we will note that EPA's 45-day review period shall begin on November 28, 2012.

If you have any questions concerning the proposed Title V renewal permit, please contact Mr. Kenneth L. Coats, Air Quality Engineer, at (909) 396-2527 or you may contact him by email at kcoats@aqmd.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Brian L. Yeh', is written over a horizontal line.

Brian L. Yeh
Senior Manager
Mechanical, Chemical, and Public Services

BLY:AYL:JTY:klc

Enclosures:

Proposed Title V Renewal Permit
Permit Summary
Statement of Basis
Public Notice

| | | |
|---|----------------------------------|---------------------------|
| SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT <i>ENGINEERING DIVISION</i> APPLICATION PROCESSING AND CALCULATIONS | PAGES 3 | PAGE 1 |
| | APPL. NO. 537507 | DATE 10/24/2012 |
| | PROCESSED BY Ken Coats | CHECKED BY |

TITLE V PERMIT RENEWAL

COMPANY NAME AND ADDRESS:

University of California, Los Angeles
501 Westwood Plaza, 4th Floor
Box 951605
Los Angeles, CA 90095-1605

EQUIPMENT LOCATION:

405 Hilgard
Los Angeles, CA 90095

BACKGROUND:

UCLA is a local college within the South Coast Air Basin which operates a number of internal combustion engines, boilers and an ethylene oxide sterilization unit equipped with vapor recovery.

The facility was issued an initial Title V permit on September 28, 2001. The permit was approved for renewal on December 27, 2007. The Title V permit will expire on December 27, 2012. The facility submitted a Title V renewal application on May 4, 2012. The facility is currently operating under a valid Title V permit.

The application package contained the required forms, appropriately completed and signed, as follows:

- | | | |
|--------|-------|--------|
| 400-A | 500A1 | 500-B |
| 500-A2 | 500-H | 500-C1 |

The applicant also submitted the application processing fee of \$1,984.24.

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COMPLIANCE RECORD

UCLA was issued the following Notices of Violation (NOV) as shown in the table below:

| NOV No. | Issue Date | Violation | Status |
|---------|------------|---|----------------------------------|
| P57946 | 6/15/2011 | Failure to conduct quarterly CGA for Qtr 4-2010 in a timely manner (a violation of permit condition Section K, No. 8). Failure to report permit deviation /violation in a timely manner (on form 500-N) | In Compliance as of October 2012 |
| P57946 | 7/24/2012 | Failure to conduct the periodic emissions tests on two permitted boilers (D71162 and D71165) as follows: Quarter 1-2012 and Monthly –April 2012. | In Compliance as of October 2012 |

No further compliance activity is noted for UCLA.

PROPOSED ADMINISTRATIVE REVISIONS

The facility is also proposing to make the following administrative changes to their Title V Permit. The changes are shown below.

1. Remove Permit No. F38570, Hedrick Loading Dock. This engine was removed from service on 4/28/2011 and replaced with engine described by A/N 518257. This engine will be removed from the Title V Permit.
2. Permit No. F73384 indicates that the engine is for Hillblom Research Center, however, the engine is for Hedrick Tower. Change the name on the permit to indicate Hedrick Tower:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, MODEL NO. 6063-HK35. DIESEL-FUELED, 6-CYLINDER, TURBOCHARGED AND AFTERCOOLED, 550 B.H.P. DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT ~~HILLBLOM RESEARCH CENTER~~ HEDRICK TOWER).

3. Permit No. F73157 indicates that the engine is for Hedrick Tower, however, the engine is for Hillblom Research Center. Change the name to reflect Hillblom Research Center:

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| SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT <i>ENGINEERING DIVISION</i> APPLICATION PROCESSING AND CALCULATIONS | PAGES 3 | PAGE 3 |
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INTERNAL COMBUSTION ENGINE, PERKINS, MODEL NO. 1104C-44TAG2, DIESEL-FUELED, 4-CYLINDER, TURBOCHARGED AND AFTERCOOLED, 157.5 B.H.P. DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT ~~HEDRICK-TOWER~~ HILLBLOM RESEARCH CENTER).

4. Remove Permit No. F38573, Reiber Hall Loading Dock. This engine was removed from service on 5/20/2010 and was replaced with ic engine described by Permit No. G3896. This permit was previously inactivated on 5/21/2010 and removed from the UCLA Title V Permit per request by Mr. David Ott of UCLA.
5. Remove Permit No. F79657 for Warren Hall Boiler. This boiler was removed on 12/23/2011 and was replaced with a boiler described by A/N 523594. This engine will be removed from the Title V Permit.
6. Cancel Permit No. F5269 for Pauley Pavilion. This engine was removed in 2011 and was replaced with another engine described by P/N G14969. This permit has been previously inactivated and removed from the Title V Permit as of 8/14/2012 at the request of Mr. David Ott of UCLA.
7. Remove Permit No. D88184, Sunset Canyon Recreation Center. This engine was removed in May 2010 and replaced with another engine described by Permit No. G3897. This permit was previously inactivated on 5/21/2010 at the request of Mr. David Ott of UCLA.

REQUIREMENTS

This application is submitted as a Title V renewal as required by Rule 3004. As required by Rule 3003, the permit renewal is subject to a 30 day public notice and a 45 day EPA review process. Any comments received will be reviewed and considered prior to issuance of the Title V Permit.

RECOMMENDATION:

After completion of the public notice and EPA review period, a Title V renewal permit should be issued for a new 5 year period.

**FACILITY PERMIT TO OPERATE
UNIVERSITY OF CALIFORNIA, LOS ANGELES**

**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.

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PERMITTED EQUIPMENT LIST

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

| Application No. | Permit to Operate Number | Equipment Description |
|-----------------|--------------------------|--|
| 225062 | D71162 | BOILER (5-20 MMBTU/HR) NAT GAS ONLY |
| 225063 | D71165 | BOILER (5-20 MMBTU/HR) NAT GAS ONLY |
| 231888 | F01220 | BOILER (>50 MMBTU/HR) NAT/PROC & DIST CG |
| 246178 | D48280 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 246760 | D38196 | I C E (50-500 HP) EM ELEC GEN-DIESEL |
| 256844 | D44160 | SPRAY BOOTH PAINT AND SOLVENT |
| 283761 | D75643 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 285578 | D77804 | I C E (50-500 HP) EM ELEC GEN-DIESEL |
| 285579 | D77805 | I C E (50-500 HP) EM ELEC GEN-DIESEL |
| 285580 | D77806 | I C E (50-500 HP) EM ELEC GEN-DIESEL |
| 285586 | F2943 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 293492 | D99790 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 293494 | D98768 | I C E (50-500 HP) EM ELEC GEN DIESEL |
| 293496 | F00370 | I C E (50-500 HP) EM ELEC GEN-DIESEL |
| 293498 | F00371 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 293499 | D98801 | I C E (50-500 HP) EM ELEC GEN-DIESEL |
| 299891 | D87699 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 300226 | D88255 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 301583 | D89155 | I C E (50-500 HP) EM ELEC GEN-DIESEL |
| 301724 | D89196 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 307859 | F00255 | TURBINE ENGINE (<=50 MW) NAT GAS-LDF GAS |
| 307860 | F00070 | TURBINE ENGINE (<=50 MW) NAT GAS-LDF GAS |
| 318723 | F2279 | I C E (50-500 HP) EM ELEC GEN-DIESEL |
| 319009 | F4805 | I C E (50-500 HP) EM ELEC GEN-DIESEL |
| 319012 | F4808 | I C E (50-500 HP) EM ELEC GEN-DIESEL |
| 319015 | F4807 | I C E (50-500 HP) EM ELEC GEN-DIESEL |
| 319016 | F4681 | I C E (50-500 HP) EM ELEC GEN-DIESEL |
| 319020 | F4806 | I C E (50-500 HP) EM ELEC GEN-DIESEL |
| 319021 | F5268 | I C E (50-500 HP) EM ELEC GEN-DIESEL |
| 319025 | F5266 | I C E (50-500 HP) EM ELEC GEN-DIESEL |
| 320232 | F3116 | I C E (50-500 HP) EM ELEC GEN-DIESEL |
| 323826 | F4983 | I C E (50-500 HP) EM ELEC GEN-DIESEL |

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|--------|--------|--------------------------------------|
| 324434 | F5492 | I C E (50-500 HP) EM ELEC GEN-DIESEL |
| 324436 | F37549 | I C E (50-500 HP) EM ELEC GEN-DIESEL |
| 324438 | F37540 | I C E (50-500 HP) EM ELEC GEN-DIESEL |
| 324439 | F37551 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 332786 | F9960 | I C E (50-500 HP) EM ELEC GEN-DIESEL |
| 336111 | F11549 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 346215 | F17312 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 363084 | F23691 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 363085 | F23692 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 377360 | F36980 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 378897 | F37887 | I C E (50-500 HP) EM ELEC GEN DIESEL |
| 378959 | F38571 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 378960 | F38572 | I C E (50-500 HP) EM ELEC GEN DIESEL |
| 383299 | F37922 | I C E (50-500 HP) EM ELEC GEN DIESEL |
| 383303 | F39010 | I C E (50-500 HP) EM ELEC GEN DIESEL |
| 398478 | F49789 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 400674 | F52213 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 400675 | F52214 | I C E (50-500 HP) EM ELEC GEN DIESEL |
| 400702 | F52215 | I C E (50-500 HP) EM ELEC GEN DIESEL |
| 408454 | F56614 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 409647 | F58406 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 409648 | F58435 | I C E (50-500 HP) EM ELEC GEN DIESEL |
| 409649 | F58436 | I C E (50-500 HP) EM ELEC GEN DIESEL |
| 415044 | F62618 | I C E (50-500 HP) EM ELEC GEN-DIESEL |
| 406662 | F81771 | SELECTIVE CATALYTIC CONVERTER |
| 406663 | F81770 | SELECTIVE CATALYTIC CONVERTER |
| 431761 | F71100 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 431762 | F71101 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 438367 | F73157 | I C E (50-500 HP) EM ELEC GEN DIESEL |
| 438553 | F73384 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 447811 | F82410 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 447812 | F82411 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 448155 | F90961 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 448158 | F78903 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 448159 | F78904 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 448160 | F78905 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 448161 | F78906 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 448551 | F82412 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 451548 | N19559 | GASOLINE STORAGE & DISPENSING |
| 455087 | F89260 | I C E (50-500 HP) EM ELEC GEN DIESEL |
| 459848 | F84400 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 459849 | F84399 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 459850 | F84398 | I C E (>500 HP) EM ELEC GEN DIESEL |

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|--------|--------------------------|---|
| 459851 | F84397 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 459852 | F84396 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 473877 | F95749 | I C E (50-500 HP) EM ELEC GEN DIESEL |
| 473878 | F95750 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 475260 | F95751 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 481972 | F97591 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 498393 | G3897 | I C E (50-500 HP) EM ELEC GEN DIESEL |
| 498553 | G3896 | I C E (50-500 HP) EM ELEC GEN DIESEL |
| 503209 | G9381 | IC ENGINE (50-500 HP) EMERGENCY FIRE FIGHTING - DIESEL |
| 503210 | G9382 | I C E (50-500 HP) EM ELEC GEN DIESEL |
| 514355 | G14970 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 514356 | G14969 | I C E (>500 HP) EM ELEC GEN DIESEL |
| 518257 | P/C | I C E (>500 HP) EM ELEC GEN DIESEL |
| 518259 | P/C | I C E (>500 HP) EM ELEC GEN DIESEL |
| 523954 | P/C | BOILER, 5-20 MMBTU/HR |
| 524888 | P/C | I C E (>500 HP) EM ELEC GEN DIESEL |
| 524885 | P/C | I C E (>500 HP) EM ELEC GEN DIESEL |
| 524890 | P/C | I C E (>500 HP) EM ELEC GEN DIESEL |
| 525289 | P/C | I C E (>500 HP) EM ELEC GEN DIESEL |
| 527483 | P/C | BOILER (5-20 MMBTU/HR) NAT GAS ONLY |
| 527493 | P/C | BOILER (5-20 MMBTU/HR) NAT GAS ONLY |
| 534246 | G20947 | ETHYLENE OXIDE STERILIZER |
| 534248 | G20948 | ETHYLENE OXIDE ADSORBER/ABATOR |
| 531162 | G20949 | BOILER, 224.96 MMBTU/HR |
| 541899 | P/O (Pending EPA Review) | ICE (> 500 HP) EM ELEC GEN DIESEL |

NOTE: EQUIPMENT LISTED ABOVE THAT HAVE NO CORRESPONDING PERMITS TO OPERATE NUMBER ARE ISSUED PERMITS TO CONSTRUCT OR ARE PROPOSED AS PERMITS TO OPERATE. 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 UNIVERSITY OF CALIFORNIA, LOS ANGELES

FACILITY WIDE CONDITION(S)

Condition(s):

1. EXCEPT FOR OPEN ABRASIVE BLASTING OPERATIONS, THE OPERATOR SHALL NOT DISCHARGE INTO THE ATMOSPHERE FROM ANY SINGLE SOURCE OF EMISSIONS WHATSOEVER ANY AIR CONTAMINANT FOR A PERIOD OR PERIODS AGGREGATING MORE THAN THREE MINUTES IN ANY ONE HOUR WHICH IS:
 - A. AS DARK OR DARKER IN SHADE AS THAT DESIGNATED NO. 1 ON THE RINGLEMANN CHART, AS PUBLISHED BY THE UNITED STATES BUREAU OF MINES; OR
 - B. OF SUCH OPACITY AS TO OBSCURE AN OBSERVER'S VIEW TO A DEGREE EQUAL TO OR GREATER THAN DOES SMOKE DESCRIBED IN SUBPARAGRAPH (A) OF THIS CONDITION.
[RULE 401]
2. THE OPERATOR SHALL 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]
3. THE OPERATOR SHALL NOT USE OR SELL GASEOUS FUEL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 40 PPMV CALCULATED AS HYDROGEN SULFIDE AVERAGED OVER FOUR HOURS.
[RULE 431.1]

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PERMIT TO OPERATE

Permit No. D71162
A/N 225062

Equipment Description:

BOILER, CLEAVER BROOKS, FIRETUBE TYPE, MODEL CB700-300, RATED AT 12,555,000 BTU PER HOUR, NATURAL GAS-FIRED, WITH A CLEAVER BROOKS BURNER AND A FORCED FLUE GAS RECIRCULATION SYSTEM (LOCATED AT THE MEDICAL PLAZA).

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 ONLY WITH NATURAL GAS.
[RULE 1303 (a)(1)]
4. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL USE WHENEVER THE BOILER STACK TEMPERATURE EXCEEDS 200 DEGREES FAHRENHEIT. THE OXIDES OF NITROGEN (NO_x) SHALL NOT EXCEED 40 PPM, CALCULATED AS NO₂, AND THE EMISSIONS OF CARBON MONOXIDE (CO) SHALL NOT EXCEED 400 PPM, BOTH MEASURED BY VOLUME ON A DRY BASIS AT 3% O₂, AND AVERAGED OVER A MINIMUM OF 15 CONSECUTIVE MINUTES. THE OWNER OR OPERATOR OF THIS BOILER SHALL MAINTAIN A COPY OF THE SOURCE TEST WHICH DEMONSTRATES COMPLIANCE AND THIS REPORT SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303 (a)(1)]
5. AN INDICATING INSTRUMENT SHALL BE INSTALLED AND MAINTAINED TO ADEQUATELY MEASURE THE BOILER STACK TEMPERATURE.
[RULE 1303 (a)(1)]

Emissions And Requirements:

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

CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
CO: 400 PPMV, RULE 1303 (a)(1)
NOX: 40 PPMV, RULE 1303 (a)(1)
NOX: 30 PPMV, RULE 1146
CO: 400 PPMV, RULE 1146

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. D71165
A/N 225063

Equipment Description:

BOILER, CLEAVER BROOKS, FIRETUBE TYPE, MODEL CB700-300, RATED AT 12,555,000 BTU PER HOUR, NATURAL GAS-FIRED, WITH A CLEAVER BROOKS BURNER AND A FORCED FLUE GAS RECIRCULATION SYSTEM (LOCATED AT THE MEDICAL PLAZA).

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 ONLY WITH NATURAL GAS.
[RULE 1303 (a)(1)]
4. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL USE WHENEVER THE BOILER STACK TEMPERATURE EXCEEDS 200 DEGREES FAHRENHEIT. THE OXIDES OF NITROGEN (NO_x) SHALL NOT EXCEED 40 PPM, CALCULATED AS NO₂, AND THE EMISSIONS OF CARBON MONOXIDE (CO) SHALL NOT EXCEED 400 PPM, BOTH MEASURED BY VOLUME ON A DRY BASIS AT 3% O₂, AND AVERAGED OVER A MINIMUM OF 15 CONSECUTIVE MINUTES. THE OWNER OR OPERATOR OF THIS BOILER SHALL MAINTAIN A COPY OF THE SOURCE TEST WHICH DEMONSTRATES COMPLIANCE AND THIS REPORT SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303 (a)(1)]
5. AN INDICATING INSTRUMENT SHALL BE INSTALLED AND MAINTAINED TO ADEQUATELY MEASURE THE BOILER STACK TEMPERATURE.
[RULE 1303 (a)(1)]

Emissions And Requirements:

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

CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
CO: 400 PPMV, RULE 1303 (a)(1)
NOX: 40 PPMV, RULE 1303 (a)(1)

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NOX: 30 PPMV, RULE 1146
CO: 400 PPMV, RULE 1146

**FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

**Permit No. F01220
A/N 231888**

Equipment Description:

BOILER (AUXILIARY), ZURN/KEYSTONE, MODEL NO. 1832, RATED AT 224.4 MILLION BTU PER HOUR, WITH COEN LOW NOX BURNER, NATURAL GAS OR FUEL OIL, FLUE GAS RECIRCULATION SYSTEM, AND OXYGEN TRIM, BACKUP TO THE COGENERATION SYSTEM.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL BE OPERATED AND MAINTAINED BY PERSONNEL PROPERLY TRAINED IN ITS OPERATION.
[RULE 1303 (a)(1)]
4. THIS BOILER SHALL BE EQUIPPED WITH A FLOW MONITORING DEVICE WHICH SHALL MEASURE AND RECORD EACH FUEL (BOTH NATURAL GAS AND FUEL OIL) CONSUMPTION (IN MILLION BTU'S PER HOUR).
[RULE 1146]
5. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL OPERATION WHENEVER THIS BOILER IS IN OPERATION.
[RULE 1303 (a)(1)]
6. THE EMISSIONS OF OXIDES OF NITROGEN AS NO₂ FROM THE BOILER SHALL NOT EXCEED 40 PPMV MEASURED AT 3 PERCENT OXYGEN, EXCEPT DURING START-UPS AND SHUT-DOWNS.
[RULE 1303 (a)(1)]
7. A CONTINUOUS MONITORING SYSTEM SHALL BE MAINTAINED AND OPERATED TO MEASURE, OVER A FIFTEEN MINUTE AVERAGE TIME PERIOD, AND RECORD THE AUXILIARY BOILER EXHAUST STACK FOR NO_x, CO AND O₂ CONCENTRATIONS, ON A DRY BASIS. THE SYSTEM SHALL ALSO CONVERT THE ACTUAL NO_x AND CO CONCENTRATIONS TO A CORRECTED CONCENTRATION AT 3 PERCENT OXYGEN, ON A DRY BASIS, AND CONTINUOUSLY RECORD THE CORRECTED STACK NO_x AND CO CONCENTRATIONS. IN ADDITION, THE SYSTEM SHALL MONITOR AND RECORD THE DAILY NO_x AND CO EMISSIONS IN POUNDS PER DAY FROM THE BOILER. THIS MONITORING SYSTEM SHALL BE CERTIFIED TO COMPLY WITH THE REQUIREMENTS OF RULE 218.
[RULE 1146, RULE 218]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

8. THE BOILER MAY ONLY FIRE FUEL OIL WHEN NATURAL GAS SUPPLY TO UCLA IS UNAVAILABLE, EXCEPT DURING TESTING.
[RULE 1303 (a)(1)]
9. FOR TESTING PURPOSES, THIS BOILER SHALL NOT BE OPERATED WITH FUEL OIL FOR MORE THAN 8 HOURS PER DAY OR 100 HOURS PER YEAR.
[RULE 1303 (a)(1), RULE 1303 (b)(2)]
10. ONLY ONE OF THE TWO GAS TURBINES (NO. 1 AND NO. 2) MAY OPERATE SIMULTANEOUSLY WITH THIS AUXILIARY BOILER.
[RULE 1303 (a)(1), RULE 1303 (b)(2)]
11. WHEN THE AUXILIARY BOILER IS FIRING NATURAL GAS, THE EMISSIONS FROM THE AUXILIARY BOILER EXHAUST STACK, EXCEPT DURING START-UPS AND SHUT-DOWNS, SHALL NOT EXCEED THE FOLLOWING POUND PER DAY LIMITS:

| ROG(AS CH4) | NOX | SOX | CO | PM |
|-------------|-----|-----|-----|----|
| 40 | 301 | 3 | 230 | 29 |

[RULE 1303 (b)(2)]

12. WHEN THE AUXILIARY BOILER IS FIRING NATURAL GAS, THE EMISSIONS FROM THE AUXILIARY BOILER EXHAUST STACK, EXCEPT DURING START-UPS AND SHUT-DOWNS, SHALL NOT EXCEED THE FOLLOWING POUND PER HOUR LIMITS:

| ROG(AS CH4) | NOX | SOX | CO | PM |
|-------------|------|------|-----|-----|
| 1.7 | 12.5 | 0.13 | 9.6 | 1.2 |

[RULE 1303 (b)(2)]

13. WHEN THE AUXILIARY BOILER IS FIRING FUEL OIL, THE EMISSIONS FROM THE AUXILIARY BOILER EXHAUST STACK, EXCEPT DURING START-UPS AND SHUT-DOWNS, SHALL NOT EXCEED THE FOLLOWING POUND PER DAY LIMITS:

| ROG(AS CH4) | NOX | SOX | CO | PM |
|-------------|-----|-----|-----|-----|
| 37 | 298 | 276 | 192 | 201 |

[RULE 1303 (b)(2)]

14. WHEN THE AUXILIARY BOILER IS FIRING FUEL OIL, THE EMISSIONS FROM THE AUXILIARY BOILER EXHAUST STACK, EXCEPT DURING START-UPS AND SHUT-DOWNS, SHALL NOT EXCEED THE FOLLOWING POUND PER HOUR LIMITS:

| ROG(AS CH4) | NOX | SOX | CO | PM |
|-------------|------|------|----|-----|
| 1.5 | 12.4 | 11.5 | 8 | 8.4 |

[RULE 1304 (c)(4)]

15. THE MAXIMUM QUANTITY OF THE FUEL USED SHALL NOT EXCEED THE EQUIVALENT OF 224 MILLION BTU'S PER HOUR BASED ON THE LOWER HEATING VALUE OF THE FUEL.
[RULE 1303 (a)(1)]

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16. THE MAXIMUM QUANTITY OF THE FUEL USED SHALL NOT EXCEED THE EQUIVALENT OF 490.560 MILLION BTU'S IN ANY ONE YEAR BASED ON THE LOWER HEATING VALUE OF THE FUEL.
[RULE 1146]
17. ALL CONCENTRATIONS OF GASEOUS EMISSIONS SHALL BE EXPRESSED IN PARTS PER MILLION BY VOLUME CORRECTED TO 3 PERCENT OXYGEN DRY AND SHALL BE MEASURED OVER FOUR CONSECUTIVE FIFTEEN-MINUTE AVERAGE TIME PERIODS IN ANY ONE HOUR.
[RULE 1303 (a)(1)]
18. THE OPERATOR SHALL KEEP THE FOLLOWING RECORDS:
- A. DATES AND TIMES OF START-UPS AND SHUT-DOWNS
 - B. QUANTITY OF NATURAL GAS AND FUEL OIL BURNED
 - C. DAILY LOG SHOWING THE REASONS WHY NATURAL GAS WAS NOT USED AND THE NUMBER OF HOURS DURING WHICH BACK-UP FUEL WAS USED
 - D. THE RESULTS FROM THE MONITORS REQUIRED BY PERMIT CONDITION NOS. 4 AND 8.

RECORDS OF THE OPERATION OF THE AUXILIARY BOILER SHALL BE MAINTAINED BY UCLA AND SHALL BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
[RULE 1146, 40 CFR 60 .48c(g)(2)]

Periodic Monitoring:

19. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSION FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THIS EQUIPMENT HAS COMBUSTED ONE MILLION GALLONS OF DIESEL FUEL, TO BE COUNTED CUMULATIVELY OVER A FIVE YEAR PERIOD. THE INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE HOUR, THE OPERATOR SHALL EITHER:
- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN THE SAME FASHION AS DEVIATIONS ARE REQUIRED TO BE REPORTED IN SECTION K OF THIS PERMIT; OR
 - B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

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

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;

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C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

20. UNITS WITH AN ANNUAL OIL USAGE GREATER THAN 2,000,000 GALLONS IN ANY ONE YEAR THE OPERATOR SHALL CONDUCT SOURCE TESTING FOR PARTICULATE MATTER ONCE EVERY FIVE YEARS. 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.
B. DATE WHEN SOURCE TEST FOR PARTICULATE MATTER WAS CONDUCTED.
[RULE 3004 (a)(4)]

21. 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 DOES 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 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: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
CO: 400 PPMV, RULE 1146
NOX: 40 PPMV, RULE 1303 (a)(1)
NOX: 30 PPMV, RULE 1146
NOX: 125 PPMV, GAS, RULE 476
NOX: 225 PPMV, FUEL OIL, RULE 476

[40 CFR 60 Subpart Db]

Brian Yeh

From: Danny Luong
Sent: Thursday, November 15, 2012 8:07 AM
To: Jay Chen; Brian Yeh
Cc: Tran Vo; Charles Tupac; Mohsen Nazemi
Subject: Recent BACT Development

Hi all,

I just got off the phone with Mohsen and got instructions to prepare a presentation for Korean government. Mohsen wants to include in the presentation couple of slides on recent BACT development for NOx, SO2, NH3, and PM emissions. In particular, the SO2 scrubber at Phillips66 and technologies from Rule 1105.1 development should be included (I will be contacting Laki for his presentation on Rule 1105.1). I will also call AL Baez for his input on procedures and BACT developments.

I would need your input by 2 pm today. Sorry for the last minute notice, I need to send Mohsen the whole presentation by COB today.

Danny

Scattered
CEGT = use SCR/CO - Low NOx Burn + Water Inj 2225 - ^{NH3} 1hr Ave
SCGT 2.5 225 - NH3

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. D48280
A/N 246178

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL NO. 3412, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, TURBOCHARGED, AFTERCOOLED, 12 CYLINDERS, 890 BHP (LOCATED AT MRL).

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. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. EXCEPT FOR MAINTENANCE TESTING PURPOSES, THIS ENGINE MAY ONLY OPERATE DURING UTILITY FAILURE PERIODS.
[RULE 1304 (a)(4)]
7. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.
[RULE 1303 (a)(1)]
8. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
9. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

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10. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

11. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. D38196
A/N 246760

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3306TA, SERIAL NO. 2AJ00405, 6 CYLINDERS, FOUR CYCLE, TURBOCHARGED, AFTERCOOLED, 339 BHP, WITH 1 EXHAUST (LOCATED AT COVEL).

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. AN ELAPSED TIME METER SHALL BE INSTALLED/MAINTAINED, SO AS TO INDICATE IN CUMULATIVE HOURS, THE AMOUNT OF TIME THE ENGINE HAS OPERATED.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT OPERATE MORE THAN 125 HOURS (CUMULATIVE) IN ANY ONE CALENDAR YEAR UNLESS ADDITIONAL HOURS ARE OTHERWISE AUTHORIZED BY THE EXECUTIVE OFFICER. THIS EQUIPMENT SHALL ONLY OPERATE DURING MAINTENANCE TESTING, PERFORMANCE TESTING, OR IN CASES OF EMERGENCY.
[RULE 1303 (a)(1), RULE 1304 (a)(4), 40 CFR 63.6640(f)]
5. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 20 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
6. THE UNCONTROLLED EMISSION RATE OF REACTIVE ORGANIC GASES SHALL NOT EXCEED 0.13 LB/HR; THE UNCONTROLLED EMISSION RATE OF OXIDE OF NITROGEN SHALL NOT EXCEED 5.9 LB/HR.
[RULE 1303 (a)(1), RULE 1304 (a)(4)]
7. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE RETARDED A MINIMUM OF 4° (FOUR DEGREES) RELATIVE TO STANDARD TIMING.
[RULE 1303 (a)(1)]

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8. THE IGNITION TIMING OF THIS ENGINE SHALL BE INSPECTED, ADJUSTED, AND CERTIFIED, AT A MINIMUM, ONCE EVERY THREE YEARS OF OPERATION. INSPECTIONS, ADJUSTMENTS, AND CERTIFICATIONS SHALL BE PERFORMED BY A QUALIFIED MECHANIC AND ACCORDING TO THE ENGINE MANUFACTURER'S PROCEDURES.
[RULE 1303 (a)(1)]
9. AN OPERATING RECORD OF THIS ENGINE SHALL BE MAINTAINED IN A FORMAT APPROVED IN WRITING BY THE DIRECTOR OF ENFORCEMENT. THE RECORD SHALL INCLUDE, AT A MINIMUM THE HOURS AND DAYS OF OPERATION AND THE QUANTITY OF FUEL USED. THE OPERATING RECORD SHALL BE KEPT FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE UPON REQUEST OF DISTRICT PERSONNEL
[RULE 1303 (a)(1), RULE 1304 (a)(4)]
10. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
11. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
12. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
13. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]
14. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

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Emissions and Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. D44160
A/N 256844

Equipment Description:

SPRAY BOOTH, BINKS, MODEL WE-30-10TLS, WATER WASH TYPE, 30'-0" W. X 12'-2" D. X 12'-7" H., WITH TWO 7.5 H.P. EXHAUST FANS AND TWO 7.5 H.P. PUMPS (LOCATED AT CSBI).

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 BOOTH SHALL NOT BE OPERATED UNLESS THE WATER-WASH UNIT IS PROPERLY MAINTAINED AND IN FULL OPERATION.
[RULE 1303 (a)(1)]
4. COATINGS, REDUCERS, CLEAN-UP SOLVENTS AND ANY OTHER MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUND IDENTIFIED AS CARCINOGENIC CONTAMINANTS IN RULE 1401.
[RULE 1401]
5. THE TOTAL QUANTITY OF VOLATILE ORGANIC EMISSIONS DISCHARGED TO THE ATMOSPHERE FROM THIS EQUIPMENT SHALL NOT EXCEED 55 POUNDS IN ANY ONE DAY.
[RULE 1303 (a)(1), RULE 1303 (b)(2)]
6. THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULES 1107 WHEN COATING METAL PARTS AND 1136 WHEN COATING WOOD PARTS.
[RULE 1107, RULE 1136]
7. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO VERIFY DAILY USAGE AND DAILY VOC EMISSIONS IN ACCORDANCE WITH RULE 109. SUCH RECORDS SHALL BE RETAINED FOR A PERIOD OF FIVE YEARS AND BE MADE AVAILABLE UPON REQUEST OF THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE.
[RULE 109]
8. THIS EQUIPMENT SHALL COMPLY WITH RULE 1171.
[RULE 1171]

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Periodic Monitoring:

9. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS THE WATER WASH UNIT IS PROPERLY MAINTAINED AND IN FULL OPERATION WITH THE WATER CURTAIN COMPLETELY COVERING THE EXHAUST SECTION OF THE BOOTH. THE OPERATOR SHALL ALSO PERFORM A WEEKLY INSPECTION OF THE WATER CURTAIN INTEGRITY. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
- A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE WATER WASH;
 - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
 - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.
- [RULE 3004 (a)(4)]

Emissions And Requirements:

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

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PERMIT TO OPERATE

Permit No. D75643
A/N 283761

Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, 16 CYLINDERS, TURBOCHARGED, AFTERCOOLED, MODEL NO. KTTA50-G2, SERIAL NO. 33122288, DIESEL-FUELED, 2220 BHP, DRIVING AN EMERGENCY ELECTRICAL GENERATION (LOCATED AT CO-GEN).

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. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
7. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
8. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

**FACILITY PERMIT TO OPERATE
UNIVERSITY OF CALIFORNIA, LOS ANGELES**

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. D77804
A/N 285578

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL ALLISON, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL 7A0157, SERIAL NO. VC3585037, 16 CYLINDERS, TURBOCHARGED, 400 BHP, LOCATED ON ROOF, UNIT #2.

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. A TIMER SHALL BE INSTALLED AND MAINTAINED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. AN ENGINE OPERATING LOG, LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. EXCEPT FOR MAINTENANCE TESTING PURPOSES, THIS ENGINE SHALL ONLY OPERATE DURING UTILITY FAILURE PERIODS
[RULE 1303 (a)(1), RULE 1304 (a)(4)]
7. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.
[RULE 1303 (a)(1)]
8. HIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
9. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

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10. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
- CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))
- INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.
- INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.
- RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]
12. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
- PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

13. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. D77805
A/N 285579

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL 3306B(D1)-2AJ00248, SERIAL NO. 5WF00342, 6 CYLINDERS, TURBOCHARGED, 335 BHP, LOCATED AT 300 MEDICAL PLAZA (ROOF).

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. A TIMER SHALL BE INSTALLED AND MAINTAINED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640 (f)]
5. AN ENGINE OPERATING LOG, LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. EXCEPT FOR MAINTENANCE TESTING PURPOSES, THIS ENGINE SHALL ONLY OPERATE DURING UTILITY FAILURE PERIODS.
[RULE 1303 (a)(1), RULE 1304 (a)(4)]
7. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.
[RULE 1303 (a)(1)]
8. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
9. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

10. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

12. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. D77806
A/N 285580

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL ALLISON, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL 7A0157, SERIAL NO. VC3558837, 16 CYLINDERS, TURBOCHARGED, 400 BHP, LOCATED ON ROOF, UNIT #1 (200 MEDICAL PLAZA).

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. A TIMER SHALL BE INSTALLED AND MAINTAINED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640 (f)]
5. AN ENGINE OPERATING LOG, LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. EXCEPT FOR MAINTENANCE TESTING PURPOSES, THIS ENGINE SHALL ONLY OPERATE DURING UTILITY FAILURE PERIODS.
[RULE 1303 (a)(1), RULE 1304 (a)(4)]
7. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.
[RULE 1303 (a)(1)]
8. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
9. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

[RULE 1470, RULE 431.2]

10. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

12. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F2943
A/N 285586

Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS MODEL NO. KTTA19GA, 12 CYLINDERS, TURBOCHARGED, AFTERCOOLED, 750 BHP, DIESEL-FUELED, EMERGENCY STANDBY, DRIVING AN ELECTRICAL GENERATOR (LOCATED AT MEDICAL PLAZA PARKING).

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. A TIMER SHALL BE INSTALLED AND MAINTAINED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470]
5. AN ENGINE OPERATING LOG, LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
7. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
8. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

**FACILITY PERMIT TO OPERATE
UNIVERSITY OF CALIFORNIA, LOS ANGELES**

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. D99790
A/N 293492

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, MODEL 16V-92TA, 8163-7405, 16 CYLINDERS, 1095 BHP, TURBOCHARGED, AFTERCOOLED, DIESEL-FUELED, EMERGENCY STANDBY, DRIVING AN ELECTRICAL GENERATOR (LOCATED AT SEAS).

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. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME (IN HOURS), AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARD RELATIVE TO STANDARD TIMING.
[RULE 1303 (a)(1)]
7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

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 EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. D98768
A/N 293494

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL 3208D, SERIAL #30A00916, 8 CYLINDERS, TURBOCHARGED, 235 BHP, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION (LOCATED AT ROYCE HALL).

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. A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470, 40 CFR63.6640(f)]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME (IN HOURS), AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
7. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
8. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
9. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F00370
A/N 293496

Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS MODEL #NT 855 G3, 6 CYLINDERS, TURBOCHARGED, 390 BHP, DIESEL-FUELED, EMERGENCY STANDBY, DRIVING AN ELECTRICAL GENERATOR (LOCATED AT FLOWLER).

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. A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME (IN HOURS), AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
7. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
8. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
9. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F00371
A/N 293498

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL MODEL 16V-92TA, 8163-7416, 16 CYLINDERS, 1232 BHP, TURBOCHARGED, AFTERCOOLED, DIESEL-FUELED, EMERGENCY STANDBY, DRIVING AN ELECTRICAL GENERATOR (LOCATED AT MSB).

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. A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME (IN HOURS), AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 1.7 DEGREES RETARDED RELATIVE TO PRODUCTION TIMING AS ESTABLISHED BY DETROIT DIESEL IN ITS PRODUCT ANNOUNCEMENT "INJECTION TIMING RETARD INSTRUCTIONS FOR CONFORMANCE WITH THE SCAQMD'S GENERAL PERMIT REGISTRATION PROGRAM 16-92TA GENERATOR SET ENGINE MODEL 8163-7416".
[RULE 1303 (a)(1)]
7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

**FACILITY PERMIT TO OPERATE
UNIVERSITY OF CALIFORNIA, LOS ANGELES**

9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

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 EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. D98801
A/N 293499

Equipment Description:

INTERNAL COMBUSTION ENGINE, EMERGENCY STANDBY, CUMMINS MODEL 6BT5.9-G2, SERIAL #44155853, 6 CYLINDERS, TURBOCHARGED, 166 BHP, DIESEL-FUELED, DRIVING AN ELECTRICAL GENERATOR (LOCATED AT BOELTER).

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. A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME (IN HOURS), AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
7. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
8. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
9. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. D87699
A/N 299891

Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, 12 CYLINDERS, TURBOCHARGED, AFTERCOOLED, MODEL NO. KTA38-G4, 1490 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT AGSM).

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. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470]
5. THIS ENGINE SHALL NOT BE OPERATED FOR NON-EMERGENCY USE BETWEEN THE HOURS OF 7:30 A.M. AND 3:30 P.M. ON DAYS WHEN SCHOOL IS IN SESSION.
[RULE 1470]
6. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

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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 EMISSION LIMITS
PM: RULE 1470

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PERMIT TO OPERATE

Permit No. D88255
A/N 300226

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, 12 CYLINDERS, TURBOCHARGED, AFTERCOOLED, MODEL NO. 9123-7416 (12V-149TIB), 1750 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT YOUNG HALL).

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. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
7. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
8. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

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PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. D89155
A/N 301583

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, 6 CYLINDERS, TURBOCHARGED, AFTERCOOLED, MODEL NO. 3406 DITA (300 KW), 443 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT BOELTER HALL).

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. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
7. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
8. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
9. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

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CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

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PERMIT TO OPERATE

Permit No. D89196
A/N 301724

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, 12 CYLINDERS, TURBOCHARGED, AFTERCOOLED, MODEL NO. 3412 DITTA (500 KW), 746 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR. (LOCATED AT ACKERMAN).

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. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO PRODUCTION TIMING AS ESTABLISHED BY CATERPILLAR IN PRODUCT NEWS BULLETIN '3412 DITTA 500 KW CALIFORNIA CONFIGURATION'.
[RULE 1303 (a)(1)]
7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

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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 EMISSION LIMITS

PM: RULE 1470

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PERMIT TO OPERATE

Permit No. R-F00255
A/N 307859

Equipment Description:

COGENERATION SYSTEM NO. 1 CONSISTING OF:

1. GAS TURBINE NO. 1, GENERAL ELECTRIC, MODEL LM1600, RATED AT 140.34 MMBTU/HR, NATURAL GAS, BLENDED NATURAL AND LANDFILL GAS, OR FUEL OIL FIRED, WITH A WATER INJECTION SYSTEM, DRIVING A 14.4 MW ELECTRICAL GENERATOR.
2. WASTE HEAT BOILER NO. 1, DELTAK CORPORATION, PRODUCING 117,000 LB/HR OF SUPERHEATED STEAM AT 660 PSIG AND 41,200 LB/HR OF SATURATED STEAM AT 15 PSIG, WITH AN 86 MMBTU/HR NATURAL GAS OR BLENDED NATURAL GAS AND LANDFILL GAS FIRED DUCT BURNER, SUPERHEATER, EVAPORATOR, ECONOMIZER, FEEDWATER PREHEATER, AND A CONTINUOUS EMISSIONS MONITOR.
3. THREE (3) NATURAL GAS COMPRESSORS, KCI, INC., 350 HP EACH, AND ONE (1) LANDFILL GAS COMPRESSOR, KCI, INC., 1250 HP (COMMON TO COGENERATION SYSTEM NO. 2)
4. ONE STEAM TURBINE, SHIN NIPPON MACHINERY CO, LTD., 14.5 MW, WITH A WATER COOLED CONDENSER AND COOLING TOWER (COMMON TO COGENERATION SYSTEM NO. 2)

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 EQUIPMENT SHALL BE OPERATED AND MAINTAINED BY PERSONNEL PROPERLY TRAINED IN ITS OPERATION.
[RULE 204]
4. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS A VALID PERMIT ISSUED BY THE AQMD.
[RULE 1303 (a)(1), RULE 1134]
5. WATER INJECTION SHALL BE USED DURING OPERATION OF THE GAS TURBINE EXCEPT DURING START-UP AND SHUT-DOWN.
[RULE 1303 (a)(1), RULE 1134]

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6. THE DUCT BURNER SHALL ONLY BE FIRED WITH NATURAL GAS OR BLENDED NATURAL AND LANDFILL GAS, AND SHALL NOT BE OPERATED WHEN THE GAS TURBINE IS FIRED WITH FUEL OIL, EXCEPT DURING TESTING.
[RULE 1303 (a)(1), RULE 1134]
7. A CONTINUOUS MONITORING SYSTEM SHALL BE MAINTAINED AND OPERATED TO MONITOR AND RECORD THE FUEL CONSUMPTION AND THE MASS RATIO OF WATER TO FUEL BEING FIRED IN THE TURBINE. THIS SYSTEM SHALL BE ACCURATE TO WITHIN PLUS OR MINUS 5.0 PERCENT.
[RULE 1303 (a)(1), RULE 1134]
8. THE DUCT BURNER SHALL BE EQUIPPED WITH A FLOW MONITORING DEVICE WHICH SHALL MEASURE AND RECORD THE FUEL CONSUMPTION (IN MILLION BTU'S PER HOUR) IN THE BURNER.
[RULE 1303 (a)(1)]
9. THE GAS TURBINE SHALL BE EQUIPPED WITH A FLOW MONITORING DEVICE WHICH SHALL MEASURE AND RECORD EACH FUEL (NATURAL GAS, LANDFILL GAS, AND FUEL OIL) CONSUMPTION (IN MILLION BTU'S PER HOUR).
[RULE 1303 (a)(1)]
10. A CONTINUOUS MONITORING AND RECORDING SYSTEM SHALL BE MAINTAINED AND OPERATED TO MEASURE AND RECORD THE MOLE RATIO OF INJECTED AMMONIA (NH₃) TO SCR INLET NOX. THIS SYSTEM SHALL BE ACCURATE TO WITHIN PLUS OR MINUS 5.0 PERCENT.
[RULE 1303 (a)(1)]
11. A CONTINUOUS MONITORING SYSTEM SHALL BE MAINTAINED AND OPERATED TO MEASURE, OVER A FIFTEEN CONSECUTIVE MINUTE AVERAGE TIME PERIOD, AND RECORD THE WASTE HEAT RECOVERY BOILER EXHAUST STACK FOR NOX, CO AND O₂ CONCENTRATIONS, ON A DRY BASIS. THE SYSTEM SHALL ALSO CONVERT THE ACTUAL NOX AND CO CONCENTRATIONS TO A CORRECTED CONCENTRATION AT 15 PERCENT OXYGEN, ON A DRY BASIS, AND CONTINUOUSLY RECORD THESE CORRECTED STACK NOX, CO AND O₂ CONCENTRATIONS. IN ADDITION, THE SYSTEM SHALL MONITOR AND RECORD THE DAILY NOX AND CO EMISSIONS IN POUNDS PER DAY FROM THE COGENERATION SYSTEM/WASTE HEAT BOILER/EXHAUST STACK. THIS MONITORING SYSTEM SHALL BE CERTIFIED TO COMPLY WITH THE REQUIREMENTS OF RULE 218.
[RULE 1134, RULE 1303 (a)(1), RULE 1303 (b)(2), RULE 218]
12. A CONTINUOUS MONITORING SYSTEM SHALL BE MAINTAINED AND OPERATED TO MEASURE AND RECORD THE VOLUMETRIC FLOW RATE IN THE EXHAUST STACK. THIS MONITORING SYSTEM SHALL COMPLY WITH THE REQUIREMENTS OF RULE 218.
[RULE 1303 (a)(1), RULE 1303(b)(2), RULE 218]
13. THE GAS TURBINE SHALL ONLY FIRE NATURAL GAS OR A BLEND OF LANDFILL GAS AND NATURAL GAS, EXCEPT DURING TESTING, UNLESS NATURAL GAS IS UNAVAILABLE.
[RULE 1303 (a)(1)]
14. ONLY ONE OF THE GAS TURBINES SHALL BE OPERATED SIMULTANEOUSLY WITH THE AUXILIARY BOILER.
[RULE 1303 (b)(2)]

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15. WHEN THE TURBINE IS FIRING NATURAL GAS OR BLENDED NATURAL AND LANDFILL GAS, EMISSIONS FROM THE WASTE HEAT BOILER EXHAUST, EXCEPT DURING START-UPS AND SHUT-DOWNS, SHALL NOT EXCEED THE FOLLOWING TOTAL POUND PER DAY LIMITS:

| ROG(AS CH4) | NOX | SOX | CO | PM |
|-------------|-----|-----|-----|----|
| 31 | 121 | 2 | 124 | 30 |

[RULE 1303 (b)(2)]

16. WHEN THE TURBINE IS FIRING NATURAL GAS OR BLENDED NATURAL AND LANDFILL GAS, EMISSIONS FROM THE WASTE HEAT BOILER EXHAUST, EXCEPT DURING START-UPS AND SHUT-DOWNS, SHALL NOT EXCEED THE FOLLOWING TOTAL POUND PER HOUR LIMITS:

| ROG(AS CH4) | NOX | SOX | CO | PM |
|-------------|-----|-----|-----|------|
| 1.3 | 5.0 | 0.1 | 5.2 | 1.25 |

[RULE 1303 (b)(2)]

17. WHEN THE TURBINE IS FIRING FUEL OIL, EMISSIONS FROM THE WASTE HEAT BOILER EXHAUST, EXCEPT DURING START-UPS AND SHUT-DOWNS, SHALL NOT EXCEED THE FOLLOWING TOTAL POUND PER DAY LIMITS:

| ROG(AS CH4) | NOX | SOX | CO | PM |
|-------------|-----|-----|----|-----|
| 26 | 89 | 118 | 98 | 125 |

[RULE 1303 (b)(2)]

18. WHEN THE TURBINE IS FIRING FUEL OIL, EMISSIONS FROM THE WASTE HEAT BOILER EXHAUST, EXCEPT DURING START-UPS AND SHUT-DOWNS, SHALL NOT EXCEED THE FOLLOWING TOTAL POUND PER HOUR LIMITS:

| ROG(AS CH4) | NOX | SOX | CO | PM |
|-------------|-----|-----|-----|-----|
| 1.1 | 3.7 | 4.9 | 4.1 | 5.2 |

[RULE 1303 (b)(2)]

19. EMISSIONS OF OXIDES OF NITROGEN, AS NO₂, FROM THE WASTE HEAT BOILER EXHAUST SHALL NOT EXCEED 6 PPMV, CALCULATED DRY, AT 15% OXYGEN, EXCEPT DURING START-UP AND SHUT-DOWN OPERATIONS.

[RULE 1303 (a)(1)]

20. EMISSIONS OF CARBON MONOXIDE (CO) FROM THE WASTE HEAT BOILER EXHAUST STACK SHALL NOT EXCEED 10 PPMV DURING NATURAL GAS OR BLENDED NATURAL AND LANDFILL GAS FIRING AND 13 PPMV DURING FUEL OIL FIRING, CALCULATED DRY, AT 15% OXYGEN, EXCEPT DURING START-UP AND SHUT-DOWN OPERATIONS.

[RULE 1303 (a)(1)]

21. EMISSIONS OF AMMONIA (NH₃) FROM THE WASTE HEAT BOILER EXHAUST STACK SHALL NOT EXCEED 20 PPMV, CALCULATED DRY, AT 15% OXYGEN, EXCEPT DURING START-UP AND SHUT-DOWN OPERATIONS.

[RULE 1303 (a)(1)]

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22. ALL CONCENTRATIONS OF GASEOUS EMISSIONS SHALL BE EXPRESSED IN PARTS PER MILLION BY VOLUME CORRECTED TO 15% OXYGEN, DRY, AND SHALL BE MEASURED OVER FOUR CONSECUTIVE FIFTEEN MINUTE AVERAGE TIME PERIODS IN ANY ONE HOUR.
[RULE 1303 (a)(1)]
23. SAMPLING PORTS SHALL BE MAINTAINED IN THE GAS TURBINE EXHAUST DUCT AND WASTE HEAT BOILER EXHAUST DUCT 8-10 DUCT DIAMETERS DOWNSTREAM AND TWO (2) EQUIVALENT DUCT DIAMETERS UPSTREAM OF ANY FLOW DISTURBANCE AND SHALL CONSIST OF TWO 4-INCH WELDED NIPPLES WITH CAPS. OWNER/OPERATOR SHALL PROVIDE ADEQUATE AND SAFE ACCESS TO THE TEST PORTS. AN EQUIVALENT METHOD SHALL BE USED UPON PRIOR APPROVAL BY THE AQMD.
[RULE 217]
24. WITHIN 30 DAYS OF THE ANNIVERSARY OF THE INITIAL PERFORMANCE TEST, UNLESS OTHERWISE APPROVED BY THE AQMD, UCLA SHALL CONDUCT ANNUAL PERFORMANCE TESTS IN ACCORDANCE WITH AQMD TEST PROCEDURES AND FURNISH THE AQMD WRITTEN RESULTS OF SUCH PERFORMANCE TESTS WITHIN 45 DAYS AFTER TESTING. ALL SOURCE TESTING PROCEDURES AND ANALYTICAL METHODS SHALL BE SUBMITTED TO THE AQMD FOR APPROVAL AT LEAST 60 DAYS PRIOR TO START OF TESTS.
- THE TEST SHALL INCLUDE THE FOLLOWING CONTAMINANTS AT THE SPECIFIED LOCATIONS OF FUEL INLET TO TURBINE, TURBINE EXHAUST PRIOR TO CATALYST/SCR, AND/OR FINAL STACK EXHAUST:
- A. METHANE (FUEL INLET)
 - B. TOTAL NONMETHANE HYDROCARBONS (FUEL INLET, TURBINE AND STACK EXHAUSTS)
- [RULE 1303 (a)(1)]
25. WHEN THE TURBINE IS FIRED ON NATURAL GAS OR BLENDED NATURAL AND LANDFILL GAS, THE MAXIMUM QUANTITY OF NATURAL AND LANDFILL GAS USED SHALL NOT EXCEED 144 MILLION BTU'S PER HOUR FOR THE GAS TURBINE AND 90 MILLION BTU'S PER HOUR FOR THE DUCT BURNER BASED ON THE LOWER HEATING VALUES OF NATURAL AND LANDFILL GAS.
[RULE 1303 (a)(1)]
26. WHEN THE TURBINE IS FIRED ON FUEL OIL, THE MAXIMUM QUANTITY OF FUEL OIL FIRED SHALL NOT EXCEED 150 MILLION BTU'S PER HOUR, BASED ON THE LOWER HEATING VALUE OF FUEL OIL.
[RULE 1303 (a)(1)]
27. AMMONIA SHALL BE CONTINUOUSLY INJECTED WHENEVER THE CATALYST INLET TEMPERATURE REACHES 500 DEGREES F AND THE ELECTRIC OUTPUT OF THE TURBINE REACHES 4.5 MEGAWATTS, UNLESS OTHERWISE APPROVED IN WRITING BY THE AQMD.
[RULE 1303 (a)(1)]
28. THE OPERATOR SHALL KEEP THE FOLLOWING RECORDS:
- A. DATES AND TIMES OF START-UPS AND SHUT-DOWNS
 - B. QUANTITY OF NATURAL GAS, LANDFILL GAS AND FUEL OIL BURNED

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- C. A DAILY LOG SHOWING THE REASON WHY NATURAL GAS OR BLENDED NATURAL AND LANDFILL GAS WAS NOT USED AND THE NUMBER OF HOURS DURING WHICH BACK-UP FUEL WAS USED.
- D. THE RESULTS FROM THE MONITORS REQUIRED BY PERMIT CONDITION NOS. 7,8,9, 10,11,12.

RECORDS OF THE COGENERATION SYSTEM SHALL BE MAINTAINED BY UCLA AND SHALL BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.

[RULE 1303 (a)(1), RULE 1302 (b)(2)]

- 29. FOR TESTING PURPOSES, THE GAS TURBINE SHALL NOT BE OPERATED WITH FUEL OIL FOR MORE THAN 8 HOURS PER DAY OR 100 HOURS PER YEAR.
[RULE 1303 (a)(1), RULE 1302 (b)(2)]
- 30. WATER INJECTION SHALL START WHENEVER THE ELECTRICAL OUTPUT OF THE GAS TURBINE REACHES 4.5 MEGAWATTS.
[RULE 1303 (a)(1)]
- 31. THE OPERATOR SHALL CONDUCT A SOURCE TEST IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
 - A. THE TEST SHALL BE CONDUCTED AT LEAST ONCE DURING THE LIFE OF THE PERMIT.
 - B. THE TEST SHALL BE CONDUCTED TO DETERMINE THE PARTICULATE EMISSIONS USING EPA METHOD 5.2 MEASURED OVER A 60 MINUTE AVERAGING TIME PERIOD.
 - C. THE TEST SHALL BE CONDUCTED TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 17 AND 18 WHILE USING FUEL OIL.[RULE 1303 (b)(2)]

Periodic Monitoring:

- 32. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSION FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT ON AN ANNUAL BASIS WHENEVER THIS EQUIPMENT IS FIRED ON FUEL OIL FOR TRAINING/TESTING PURPOSE; AND AFTER EVERY 400 CUMULATIVE HOURS OF OPERATION ON DIESEL FUEL OR AFTER EVERY TWO MILLION GALLONS OF DIESEL FUEL COMBUSTED, 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:
 - 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

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TO AQMD.

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

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

Emissions And Requirements:

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

NOx: 6 PPMV, RULE 1303(a)(1)
NOx: 9 PPMV, RULE 1134
CO 10 PPMV USING NATRUAL GAS OR BLENDING NATURAL GAS/LANDFILL GAS, RULE 1303 (a)(1)
CO 13 PPMV USING FUEL OIL, RULE 1303 (a)(1)
CO: 2000 PPMV, RULE 407
H2S 150 PPMV, LANDFILL GAS, RULE 431.1
NH3 20 PPMV, RULE 1303 (a)(1)
PM: 0.1 GR/SCF, RULE 409
PM 11 LB/HR, 0.01 GR/SCF (FOR COMPLIANCE WITH RULE 475, EMISSIONS MAY EXCEED EITHER ONE OF THESE LIMITS BUT NOT BOTH AT THE SAME TIME), RULE 475
NOx 125 PPMV, GAS, RULE 476
NOX 225 PPMV, FUEL OIL, RULE 476
NOx: 210 PPM, 40 CFR60 SUBPART GG
SOx: 150 PPM, 40 CFR60 SUBPART GG

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PERMIT TO OPERATE

Permit No. R-F00070
A/N 307860

Equipment Description:

COGENERATION SYSTEM NO. 2 CONSISTING OF:

1. GAS TURBINE NO. 2, GENERAL ELECTRIC, MODEL LM1600, RATED AT 140.34 MMBTU/HR, NATURAL GAS, BLENDED NATURAL AND LANDFILL GAS, OR FUEL OIL FIRED, WITH A WATER INJECTION SYSTEM, DRIVING A 14.4 MW ELECTRICAL GENERATOR.
2. WASTE HEAT BOILER NO. 2, DELTAK CORPORATION, PRODUCING 117,000 LB/HR OF SUPERHEATED STEAM AT 660 PSIG AND 41,200 LB/HR OF SATURATED STEAM AT 15 PSIG, WITH AN 86 MMBTU/HR NATURAL GAS OR BLENDED NATURAL GAS AND LANDFILL GAS FIRED DUCT BURNER, SUPERHEATER, EVAPORATOR, ECONOMIZER, FEEDWATER PREHEATER, AND A CONTINUOUS EMISSIONS MONITOR.
3. THREE (3) NATURAL GAS COMPRESSORS, KCI, INC., 350 HP EACH, AND ONE (1) LANDFILL GAS COMPRESSOR, KCI, INC., 1250 HP (COMMON TO COGENERATION SYSTEM NO. 1)
4. ONE STEAM TURBINE, SHIN NIPPON MACHINERY CO, LTD., 14.5 MW, WITH A WATER COOLED CONDENSER AND COOLING TOWER (COMMON TO COGENERATION SYSTEM NO. 1)

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 EQUIPMENT SHALL BE OPERATED AND MAINTAINED BY PERSONNEL PROPERLY TRAINED IN ITS OPERATION.
[RULE 204]
4. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS A VALID PERMIT ISSUED BY THE AQMD.
[RULE 1303 (a)(1), RULE 1134]
5. WATER INJECTION SHALL BE USED DURING OPERATION OF THE GAS TURBINE EXCEPT DURING START-UP AND SHUT-DOWN.
[RULE 1303 (a)(1), RULE 1134]

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6. THE DUCT BURNER SHALL ONLY BE FIRED WITH NATURAL GAS OR BLENDED NATURAL AND LANDFILL GAS, AND SHALL NOT BE OPERATED WHEN THE GAS TURBINE IS FIRED WITH FUEL OIL, EXCEPT DURING TESTING.
[RULE 1303 (a)(1), RULE 1134]
7. A CONTINUOUS MONITORING SYSTEM SHALL BE MAINTAINED AND OPERATED TO MONITOR AND RECORD THE FUEL CONSUMPTION AND THE MASS RATIO OF WATER TO FUEL BEING FIRED IN THE TURBINE. THIS SYSTEM SHALL BE ACCURATE TO WITHIN PLUS OR MINUS 5.0 PERCENT.
[RULE 1303 (a)(1), RULE 1134]
8. THE DUCT BURNER SHALL BE EQUIPPED WITH A FLOW MONITORING DEVICE WHICH SHALL MEASURE AND RECORD THE FUEL CONSUMPTION (IN MILLION BTU'S PER HOUR) IN THE BURNER.
[RULE 1303 (a)(1)]
9. THE GAS TURBINE SHALL BE EQUIPPED WITH A FLOW MONITORING DEVICE WHICH SHALL MEASURE AND RECORD EACH FUEL (NATURAL GAS, LANDFILL GAS, AND FUEL OIL) CONSUMPTION (IN MILLION BTU'S PER HOUR).
[RULE 1303 (a)(1)]
10. A CONTINUOUS MONITORING AND RECORDING SYSTEM SHALL BE MAINTAINED AND OPERATED TO MEASURE AND RECORD THE MOLE RATIO OF INJECTED AMMONIA (NH₃) TO SCR INLET NOX. THIS SYSTEM SHALL BE ACCURATE TO WITHIN PLUS OR MINUS 5.0 PERCENT.
[RULE 1303 (a)(1)]
11. A CONTINUOUS MONITORING SYSTEM SHALL BE MAINTAINED AND OPERATED TO MEASURE, OVER A FIFTEEN CONSECUTIVE MINUTE AVERAGE TIME PERIOD, AND RECORD THE WASTE HEAT RECOVERY BOILER EXHAUST STACK FOR NOX, CO AND O₂ CONCENTRATIONS, ON A DRY BASIS. THE SYSTEM SHALL ALSO CONVERT THE ACTUAL NOX AND CO CONCENTRATIONS TO A CORRECTED CONCENTRATION AT 15 PERCENT OXYGEN, ON A DRY BASIS, AND CONTINUOUSLY RECORD THESE CORRECTED STACK NOX, CO AND O₂ CONCENTRATIONS. IN ADDITION, THE SYSTEM SHALL MONITOR AND RECORD THE DAILY NOX AND CO EMISSIONS IN POUNDS PER DAY FROM THE COGENERATION SYSTEM/WASTE HEAT BOILER/EXHAUST STACK. THIS MONITORING SYSTEM SHALL BE CERTIFIED TO COMPLY WITH THE REQUIREMENTS OF RULE 218.
[RULE 1134, RULE 1303 (a)(1), RULE 1303 (b)(2), RULE 218]
12. A CONTINUOUS MONITORING SYSTEM SHALL BE MAINTAINED AND OPERATED TO MEASURE AND RECORD THE VOLUMETRIC FLOW RATE IN THE EXHAUST STACK. THIS MONITORING SYSTEM SHALL COMPLY WITH THE REQUIREMENTS OF RULE 218.
[RULE 1303 (a)(1), RULE 1303 (b)(2), RULE 218]
13. THE GAS TURBINE SHALL ONLY FIRE NATURAL GAS OR A BLEND OF LANDFILL GAS AND NATURAL GAS, EXCEPT DURING TESTING, UNLESS NATURAL GAS IS UNAVAILABLE.
[RULE 1303 (a)(1)]
14. ONLY ONE OF THE GAS TURBINES SHALL BE OPERATED SIMULTANEOUSLY WITH THE AUXILIARY BOILER.
[RULE 1303 (b)(2)]

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15. WHEN THE TURBINE IS FIRING NATURAL GAS OR BLENDED NATURAL AND LANDFILL GAS, EMISSIONS FROM THE WASTE HEAT BOILER EXHAUST, EXCEPT DURING START-UPS AND SHUT-DOWNS, SHALL NOT EXCEED THE FOLLOWING TOTAL POUND PER DAY LIMITS:

| ROG(AS CH4) | NOX | SOX | CO | PM |
|-------------|-----|-----|-----|----|
| 31 | 121 | 2 | 124 | 30 |

[RULE 1303 (b)(2)]

16. WHEN THE TURBINE IS FIRING NATURAL GAS OR BLENDED NATURAL AND LANDFILL GAS, EMISSIONS FROM THE WASTE HEAT BOILER EXHAUST, EXCEPT DURING START-UPS AND SHUT-DOWNS, SHALL NOT EXCEED THE FOLLOWING TOTAL POUND PER HOUR LIMITS:

| ROG(AS CH4) | NOX | SOX | CO | PM |
|-------------|-----|-----|-----|------|
| 1.3 | 5.0 | 0.1 | 5.2 | 1.25 |

[RULE 1303 (b)(2)]

17. WHEN THE TURBINE IS FIRING FUEL OIL, EMISSIONS FROM THE WASTE HEAT BOILER EXHAUST, EXCEPT DURING START-UPS AND SHUT-DOWNS, SHALL NOT EXCEED THE FOLLOWING TOTAL POUND PER DAY LIMITS:

| ROG(AS CH4) | NOX | SOX | CO | PM |
|-------------|-----|-----|----|-----|
| 26 | 89 | 118 | 98 | 125 |

[RULE 1303 (b)(2)]

18. WHEN THE TURBINE IS FIRING FUEL OIL, EMISSIONS FROM THE WASTE HEAT BOILER EXHAUST, EXCEPT DURING START-UPS AND SHUT-DOWNS, SHALL NOT EXCEED THE FOLLOWING TOTAL POUND PER HOUR LIMITS:

| ROG(AS CH4) | NOX | SOX | CO | PM |
|-------------|-----|-----|-----|-----|
| 1.1 | 3.7 | 4.9 | 4.1 | 5.2 |

[RULE 1303 (b)(2)]

19. EMISSIONS OF OXIDES OF NITROGEN, AS NO₂, FROM THE WASTE HEAT BOILER EXHAUST SHALL NOT EXCEED 6 PPMV, CALCULATED DRY, AT 15% OXYGEN, EXCEPT DURING START-UP AND SHUT-DOWN OPERATIONS.

[RULE 1303 (a)(1)]

20. EMISSIONS OF CARBON MONOXIDE (CO) FROM THE WASTE HEAT BOILER EXHAUST STACK SHALL NOT EXCEED 10 PPMV DURING NATURAL GAS OR BLENDED NATURAL AND LANDFILL GAS FIRING AND 13 PPMV DURING FUEL OIL FIRING, CALCULATED DRY, AT 15% OXYGEN, EXCEPT DURING START-UP AND SHUT-DOWN OPERATIONS.

[RULE 1303 (a)(1)]

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21. EMISSIONS OF AMMONIA (NH₃) FROM THE WASTE HEAT BOILER EXHAUST STACK SHALL NOT EXCEED 20 PPMV, CALCULATED DRY, AT 15% OXYGEN, EXCEPT DURING START-UP AND SHUT-DOWN OPERATIONS.
[RULE 1303 (a)(1)]
22. ALL CONCENTRATIONS OF GASEOUS EMISSIONS SHALL BE EXPRESSED IN PARTS PER MILLION BY VOLUME CORRECTED TO 15% OXYGEN, DRY, AND SHALL BE MEASURED OVER FOUR CONSECUTIVE FIFTEEN MINUTE AVERAGE TIME PERIODS IN ANY ONE HOUR.
[RULE 1303 (a)(1)]
23. SAMPLING PORTS SHALL BE MAINTAINED IN THE GAS TURBINE EXHAUST DUCT AND WASTE HEAT BOILER EXHAUST DUCT 8-10 DUCT DIAMETERS DOWNSTREAM AND TWO (2) EQUIVALENT DUCT DIAMETERS UPSTREAM OF ANY FLOW DISTURBANCE AND SHALL CONSIST OF TWO 4-INCH WELDED NIPPLES WITH CAPS. OWNER/OPERATOR SHALL PROVIDE ADEQUATE AND SAFE ACCESS TO THE TEST PORTS. AN EQUIVALENT METHOD SHALL BE USED UPON PRIOR APPROVAL BY THE AQMD.
[RULE 217]
24. WITHIN 30 DAYS OF THE ANNIVERSARY OF THE INITIAL PERFORMANCE TEST, UNLESS OTHERWISE APPROVED BY THE AQMD, UCLA SHALL CONDUCT ANNUAL PERFORMANCE TESTS IN ACCORDANCE WITH AQMD TEST PROCEDURES AND FURNISH THE AQMD WRITTEN RESULTS OF SUCH PERFORMANCE TESTS WITHIN 45 DAYS AFTER TESTING. ALL SOURCE TESTING PROCEDURES AND ANALYTICAL METHODS SHALL BE SUBMITTED TO THE AQMD FOR APPROVAL AT LEAST 60 DAYS PRIOR TO START OF TESTS.

THE TEST SHALL INCLUDE THE FOLLOWING CONTAMINANTS AT THE SPECIFIED LOCATIONS OF FUEL INLET TO TURBINE, TURBINE EXHAUST PRIOR TO CATALYST/SCR, AND/OR FINAL STACK EXHAUST:

- A. METHANE (FUEL INLET)
- B. TOTAL NONMETHANE HYDROCARBONS (FUEL INLET, TURBINE AND STACK EXHAUSTS)

[RULE 1303 (a)(1)]

25. WHEN THE TURBINE IS FIRED ON NATURAL GAS OR BLENDED NATURAL AND LANDFILL GAS, THE MAXIMUM QUANTITY OF NATURAL AND LANDFILL GAS USED SHALL NOT EXCEED 144 MILLION BTU'S PER HOUR FOR THE GAS TURBINE AND 90 MILLION BTU'S PER HOUR FOR THE DUCT BURNER BASED ON THE LOWER HEATING VALUES OF NATURAL AND LANDFILL GAS.
[RULE 1303 (a)(1)]
26. WHEN THE TURBINE IS FIRED ON FUEL OIL, THE MAXIMUM QUANTITY OF FUEL OIL FIRED SHALL NOT EXCEED 150 MILLION BTU'S PER HOUR, BASED ON THE LOWER HEATING VALUE OF FUEL OIL.
[RULE 1303 (a)(1)]
27. AMMONIA SHALL BE CONTINUOUSLY INJECTED WHENEVER THE CATALYST INLET TEMPERATURE REACHES 500 DEGREES F AND THE ELECTRIC OUTPUT OF THE TURBINE REACHES 4.5 MEGAWATTS, UNLESS OTHERWISE APPROVED IN WRITING BY THE AQMD.
[RULE 1303 (a)(1)]

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28. THE OPERATOR SHALL KEEP THE FOLLOWING RECORDS:
- A. DATES AND TIMES OF START-UPS AND SHUT-DOWNS
 - B. QUANTITY OF NATURAL GAS, LANDFILL GAS AND FUEL OIL BURNED
 - C. A DAILY LOG SHOWING THE REASON WHY NATURAL GAS OR BLENDED NATURAL AND LANDFILL GAS WAS NOT USED AND THE NUMBER OF HOURS DURING WHICH BACK-UP FUEL WAS USED.
 - D. THE RESULTS FROM THE MONITORS REQUIRED BY PERMIT CONDITION NOS. 7,8,9, 10,11,12.

RECORDS OF THE COGENERATION SYSTEM SHALL BE MAINTAINED BY UCLA AND SHALL BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
[RULE 1303 (a)(1), RULE 1303 (b)(2)]

29. FOR TESTING PURPOSES, THE GAS TURBINE SHALL NOT BE OPERATED WITH FUEL OIL FOR MORE THAN 8 HOURS PER DAY OR 100 HOURS PER YEAR.
[RULE 1303 (a)(1), RULE 1303 (b)(2)]
30. WATER INJECTION SHALL START WHENEVER THE ELECTRICAL OUTPUT OF THE GAS TURBINE REACHES 4.5 MEGAWATTS.
[RULE 1303 (a)(1)]
31. THE OPERATOR SHALL CONDUCT A SOURCE TEST IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
- A. THE TEST SHALL BE CONDUCTED AT LEAST ONCE DURING THE LIFE OF THE PERMIT.
 - B. THE TEST SHALL BE CONDUCTED TO DETERMINE THE PARTICULATE EMISSIONS USING EPA METHOD 5.2 MEASURED OVER A 60 MINUTE AVERAGING TIME PERIOD.
 - C. THE TEST SHALL BE CONDUCTED TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 17 AND 18 WHILE USING FUEL OIL.
- [RULE 1303 (b)(2)]

Periodic Monitoring:

32. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSION FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT ON AN ANNUAL BASIS WHENEVER THIS EQUIPMENT IS FIRED ON FUEL OIL FOR TRAINING/TESTING PURPOSE; AND AFTER EVERY 400 CUMULATIVE HOURS OF OPERATION ON DIESEL FUEL OR AFTER EVERY TWO MILLION GALLONS OF DIESEL FUEL COMBUSTED, 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:
- 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

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THIS PERMIT; OR

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

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

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

[RULE 3004 (a)(4)]

Emissions And Requirements:

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

NOx: 6 PPMV, RULE 1303(a)(1)

NOx: 9 PPMV, RULE 1134

CO 10 PPMV USING NATRUAL GAS OR BLENDING NATURAL GAS/LANDFILL GAS, RULE 1303 (a)(1)

CO 13 PPMV USING FUEL OIL, RULE 1303 (a)(1)

CO: 2000 PPMV, RULE 407

H2S 150 PPMV, LANDFILL GAS, RULE 431.1

NH3 20 PPMV, RULE 1303 (a)(1)

PM: 0.1 GR/SCF, RULE 409

PM 11 LB/HR, 0.01 GR/SCF (FOR COMPLIANCE WITH RULE 475,
EMISSIONS MAY EXCEED EITHER ONE OF THESE LIMITS
BUT NOT BOTH AT THE SAME TIME), RULE 475

NOx 125 PPMV, GAS, RULE 476

NOX 225 PPMV, FUEL OIL, RULE 476

NOx: 210 PPM, 40 CFR60 SUBPART GG

SOx: 150 PPM ,40 CFR60 SUBPART GG

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PERMIT TO OPERATE

Permit No. F2279
A/N 318723

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, 6 CYLINDERS, TURBOCHARGED, AFTERCOOLED, MODEL NO. 3306 ATAAC, 377 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED IN SRL).

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. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
7. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
8. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
9. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

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PERMIT TO OPERATE

Permit No. F4805
A/N 319009

Equipment Description:

INTERNAL COMBUSTION ENGINE, MAGNETEK, MODEL NO. RSD1875, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, SERIAL NO. BJ08B691, (PHYSICAL PLANT BUILDING), 6 CYLINDERS, NATURALLY ASPIRATED, 201 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. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.
[RULE 1303 (a)(1)]
4. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
5. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
6. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F4808
A/N 319012

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL/PERKINS, MODEL NO. 80DS60, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, SERIAL NO. 353847, (UNIX BUILDING), 6 CYLINDERS, TURBOCHARGED, 107 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. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.
[RULE 1303 (a)(1)]
4. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
5. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
6. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F4807
A/N 319015

Equipment Description:

INTERNAL COMBUSTION ENGINE, JOHN DEERE, MODEL NO. 6076AF011, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, SERIAL NO. 189926-71, (POWELL LIBRARY), 6 CYLINDERS, TURBOCHARGED, 240 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. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.
[RULE 1303 (a)(1)]
4. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
5. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
6. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTRUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F4681
A/N 319016

Equipment Description:

INTERNAL COMBUSTION ENGINE, KOMATSU, MODEL NO. 671T, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, SERIAL NO. 54217, (SOUTHERN REGIONAL LIBRARY), 6 CYLINDERS, TURBOCHARGED, 168 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. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
7. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
8. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
9. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F4806
A/N 319020

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT 40, MODEL NO. SPECTRUM 125, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, SERIAL NO. 8828108, (PARKING STRUCTURE NO. 8), 4 CYLINDERS, TURBOCHARGED, 168 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. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.
[RULE 1303 (a)(1)]
4. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
5. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
6. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F5268
A/N 319021

Equipment Description:

INTERNAL COMBUSTION ENGINE, WHITE, MODEL NO. D4800 TX198, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, SERIAL NO. 4019497, (LA TENNIS CENTER), 6 CYLINDERS, TURBOCHARGED, 135 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. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
7. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
8. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

9. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F5266
A/N 319025

Equipment Description:

INTERNAL COMBUSTION ENGINE, WHITE, MODEL NO. DS400T, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, SERIAL NO. YE3450258.D34000TX254, 6 CYLINDERS, TURBOCHARGED, 100 BHP (LOCATED AT BUNCH).

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. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
7. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
8. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
9. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F3116
A/N 320232

Equipment Description:

INTERNAL COMBUSTION ENGINE, GENERAC, 6 CYLINDERS, TURBOCHARGED, MODEL NO. 133DT, 240 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT TIVERTON).

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. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
7. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
8. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
9. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

**FACILITY PERMIT TO OPERATE
UNIVERSITY OF CALIFORNIA, LOS ANGELES**

PERMIT TO OPERATE

**Permit No. F4983
A/N 323826**

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, 6 CYLINDERS, TURBOCHARGED, MODEL NO. 8063-7305 (6V-92T), 370 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

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. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 3 DEGREES RETARDED RELATIVE TO PRODUCTION TIMING AS ESTABLISHED BY DETROIT DIESEL IN PRODUCT ANNOUNCEMENT INJECTION TIMING RETARD INSTRUCTIONS FOR CONFORMANCE WITH THE SCAQMD'S GENERAL PERMIT REGISTRATION PROGRAM, 6V-92T GENERATOR SET ENGINE MODEL 9063-7305'.
[RULE 1303 (a)(1)]
7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTRUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404. SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F5492
A/N 324434

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, 6 CYLINDERS, TURBOCHARGED, MODEL NO. 8063-7305 (6V-92T), 370 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT LAW).

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. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 3 DEGREES RETARDED RELATIVE TO PRODUCTION TIMING AS ESTABLISHED BY DETROIT DIESEL IN PRODUCT ANNOUNCEMENT 'INJECTION TIMING RETARD INSTRUCTIONS FOR CONFORMANCE WITH THE SCAQMD'S GENERAL PERMIT REGISTRATION PROGRAM, 6V-92T GENERATOR SET ENGINE MODEL 9063-7305'.
[RULE 1303 (a)(1)]
7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F37549
A/N 324436

Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, MODEL MT855-04, SERIAL NO.30318768, DIESEL-FUELED, 6 CYLINDERS, TURBOCHARGED, RATED AT 375 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. IN ADDITION TO MAINTENANCE AND TESTING OF THIS ENGINE, THIS ENGINE SHALL ONLY OPERATE DURING EMERGENCIES RESULTING IN AN INTERRUPTION OF SERVICE OF THE PRIMARY POWER SUPPLY OR DURING STAGE II OR III ELECTRICAL EMERGENCY DECLARED BY THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR.
[RULE 1304 (a)(4)]
6. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

**FACILITY PERMIT TO OPERATE
UNIVERSITY OF CALIFORNIA, LOS ANGELES**

9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F37540
A/N 324438

Equipment Description:

INTERNAL COMBUSTION ENGINE, KOMATSU, MODEL 56D105-1, SERIAL NO.95843, DIESEL-FUELED, 6 CYLINDERS, TURBOCHARGED, RATED AT 154.8 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. IN ADDITION TO MAINTENANCE AND TESTING OF THIS ENGINE, THIS ENGINE SHALL ONLY OPERATE DURING EMERGENCIES RESULTING IN AN INTERRUPTION OF SERVICE OF THE PRIMARY POWER SUPPLY OR DURING STAGE II OR III ELECTRICAL EMERGENCY DECLARED BY THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR.
[RULE 1304 (a)(4)]
6. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
7. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RELATIVE TO STANDARD TIMING.
[RULE 1303 (a)]
8. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

9. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
10. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
- CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))
- INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.
- INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.
- RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]
12. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
- PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTRUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]
- Emissions And Requirements:**
13. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F37551
A/N 324439

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, MODEL 91637316, SERIAL NO. 6A00598, DIESEL-FUELED, 16 CYLINDERS, TURBOCHARGED, RATED AT 2514 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470]
5. IN ADDITION TO MAINTENANCE AND TESTING OF THIS ENGINE, THIS ENGINE SHALL ONLY OPERATE DURING EMERGENCIES RESULTING IN AN INTERRUPTION OF SERVICE OF THE PRIMARY POWER SUPPLY OR DURING STAGE II OR III ELECTRICAL EMERGENCY DECLARED BY THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR.
[RULE 1304 (a)(4)]
6. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
7. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RELATIVE TO STANDARD TIMING.
[RULE 1303 (a)]
8. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

9. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
10. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F9960
A/N 332786

Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, MODEL NO. KTA50-G3, SERIAL # E970638543, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, TURBOCHARGED, AFTERCOOLED, 16 CYLINDERS, 1,850 BHP (LOCATED AT GANDA).

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. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
7. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
8. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

**FACILITY PERMIT TO OPERATE
UNIVERSITY OF CALIFORNIA, LOS ANGELES**

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F11549
A/N 336111

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, 12 CYLINDERS, TURBOCHARGED, AFTERCOOLED, MODEL NO. 3412 DITTA (500 KW), SERIAL NO. 81Z20682, RATED AT 746 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT STRB).

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. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO PRODUCTION TIMING AS ESTABLISHED BY CATERPILLAR IN PRODUCT NEWS BULLETIN '3412 DITTA 500 KW CALIFORNIA CONFIGURATION'.
[RULE 1303 (a)]
7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

[RULE 1470, RULE 431.2]

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 EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F17312
A/N 346215

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, 6 CYLINDERS, TURBOCHARGED, AFTERCOOLED, MODEL NO. 3406 DITA (350 KW), SERIAL NO. 4ZR03724, RATED AT 519 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT PARKING STRUCTURE #4).

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. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
7. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
8. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

**FACILITY PERMIT TO OPERATE
UNIVERSITY OF CALIFORNIA, LOS ANGELES**

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F23691
A/N 363084

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, 12 CYLINDERS, TURBOCHARGED, AFTERCOOLED, MODEL NO. 3412 DITTA (500 KW), RATED AT 746 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT UCPD).

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. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO PRODUCTION TIMING AS ESTABLISHED BY CATERPILLAR IN PRODUCT NEWS BULLETIN '3412 DITTA 500 KW CALIFORNIA CONFIGURATION'.
[RULE 1303 (a)]
7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

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 EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F23692
A/N 363085

Equipment Description:

INTERNAL COMBUSTION ENGINE, NAVISTAR INTERNATIONAL, 6 CYLINDERS, TURBOCHARGED, AFTERCOOLED, MODEL NO. S-40 7.6LTA, 250 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT LS).

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. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
7. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
8. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

9. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F36980
A/N 377360

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, MODEL 6063-TK35, DIESEL-FUELED, SIX CYLINDERS, TURBOCHARGED AND AFTERCOOLED, RATED AT 550 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT DENEVE).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470]
5. IN ADDITION TO MAINTENANCE AND TESTING OF THIS ENGINE, THIS ENGINE SHALL ONLY OPERATE DURING EMERGENCIES RESULTING IN AN INTERRUPTION OF SERVICE OF THE PRIMARY POWER SUPPLY OR DURING STAGE II OR III ELECTRICAL EMERGENCY DECLARED BY THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR.
[RULE 1304 (a)(4)]
6. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

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 EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F37887
A/N 378897

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL 3306 ATTACC, DIESEL-FUELED, 6 CYLINDERS, TURBOCHARGED AND AFTERCOOLED, RATED AT 377 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. IN ADDITION TO MAINTENANCE AND TESTING OF THIS ENGINE, THIS ENGINE SHALL ONLY OPERATE DURING EMERGENCIES RESULTING IN AN INTERRUPTION OF SERVICE OF THE PRIMARY POWER SUPPLY OR DURING STAGE II OR III ELECTRICAL EMERGENCY DECLARED BY THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR.
[RULE 1304 (a)(4)]
6. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
- CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))
- INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.
- INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.
- RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]
11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
- PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

12. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F38571
A/N 378959

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL 3412, SERIAL NO. 81Z0797, DIESEL-FUELED, 12 CYLINDERS, TURBOCHARGED, RATED AT 724 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT SPROUL HALL).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. IN ADDITION TO MAINTENANCE AND TESTING OF THIS ENGINE, THIS ENGINE SHALL ONLY OPERATE DURING EMERGENCIES RESULTING IN AN INTERRUPTION OF SERVICE OF THE PRIMARY POWER SUPPLY OR DURING STAGE II OR III ELECTRICAL EMERGENCY DECLARED BY THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR.
[RULE 1304 (a)(4)]
6. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

**FACILITY PERMIT TO OPERATE
UNIVERSITY OF CALIFORNIA, LOS ANGELES**

PERMIT TO OPERATE

**Permit No. F38572
A/N 378960**

Equipment Description:

INTERNAL COMBUSTION ENGINE, GENERAC, MODEL 133DT, SERIAL NO. 889692, DIESEL-FUELED, TURBOCHARGED, RATED AT 320 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT DYKSTRA HALL).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. IN ADDITION TO MAINTENANCE AND TESTING OF THIS ENGINE, THIS ENGINE SHALL ONLY OPERATE DURING EMERGENCIES RESULTING IN AN INTERRUPTION OF SERVICE OF THE PRIMARY POWER SUPPLY OR DURING STAGE II OR III ELECTRICAL EMERGENCY DECLARED BY THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR.
[RULE 1304 (a)(4)]
6. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]
11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

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 EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F37922
A/N 383299

Equipment Description:

INTERNAL COMBUSTION ENGINE, PERKINS, MODEL 1006-6GT, DIESEL-FUELED, 6 CYLINDERS, TURBOCHARGED, RATED AT 166 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT FRANZ HALL).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. IN ADDITION TO MAINTENANCE AND TESTING OF THIS ENGINE, THIS ENGINE SHALL ONLY OPERATE DURING EMERGENCIES RESULTING IN AN INTERRUPTION OF SERVICE OF THE PRIMARY POWER SUPPLY OR DURING STAGE II OR III ELECTRICAL EMERGENCY DECLARED BY THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR.
[RULE 1304 (a)(4)]
6. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]
11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

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 EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F39010
A/N 383303

Equipment Description:

INTERNAL COMBUSTION ENGINE, PERKINS, MODEL 4.236T00, SERIAL NO. U708505A, DIESEL-FUELED, 4 CYLINDERS, FOUR CYCLE, TURBOCHARGED, RATED AT 94 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT MATH SCIENCES).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL BE NOT BE OPERATED MORE THAN 4.5 HOURS IN ANY ONE DAY.
[RULE 1303 (a)]
5. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640 (f)]
6. IN ADDITION TO MAINTENANCE AND TESTING OF THIS ENGINE, THIS ENGINE SHALL ONLY OPERATE DURING EMERGENCIES RESULTING IN AN INTERRUPTION OF SERVICE OF THE PRIMARY POWER SUPPLY OR DURING STAGE II OR III ELECTRICAL EMERGENCY DECLARED BY THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR.
[RULE 1304 (a)(4)]
7. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303 (a), RULE 1304 (a)(4), RULE 1470]
8. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.
[RULE 1303 (a)]
9. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

[RULE 1470]

10. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
11. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
12. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]
13. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. 49789
A/N 398478

Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, 6 CYLINDERS, TURBOCHARGED, AFTERCOOLED, MODEL NO. N14-G2 (399 KW), SERIAL NO. 12027427, 535 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

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. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470]
5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]
6. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
7. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
8. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

**FACILITY PERMIT TO OPERATE
UNIVERSITY OF CALIFORNIA, LOS ANGELES**

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F52213
A/N 400674

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, MODEL NO. 6063-HK35, SERIAL NO. 343692, DIESEL-FUELED, 6-CYLINDER, TURBOCHARGED AND AFTERCOOLED, 635 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470]
5. IN ADDITION TO MAINTENANCE AND TESTING OF THIS ENGINE, THIS ENGINE SHALL ONLY OPERATE DURING EMERGENCIES RESULTING IN AN INTERRUPTION OF SERVICE OF THE PRIMARY POWER SUPPLY OR DURING STAGE II OR III ELECTRICAL EMERGENCY DECLARED BY THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR.
[RULE 1304 (a)(4)]
6. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]

**FACILITY PERMIT TO OPERATE
UNIVERSITY OF CALIFORNIA, LOS ANGELES**

7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

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 EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F52214
A/N 400675

Equipment Description:

INTERNAL COMBUSTION ENGINE, JOHN DEERE, MODEL NO. 6081T, SERIAL NO. RG6081T139870, DIESEL-FUELED, 6-CYLINDER, TURBOCHARGED, 260 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. IN ADDITION TO MAINTENANCE AND TESTING OF THIS ENGINE, THIS ENGINE SHALL ONLY OPERATE DURING EMERGENCIES RESULTING IN AN INTERRUPTION OF SERVICE OF THE PRIMARY POWER SUPPLY OR DURING STAGE II OR III ELECTRICAL EMERGENCY DECLARED BY THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR.
[RULE 1304 (a)(4)]
6. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]
11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F52215
A/N 400702

Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, MODEL NO. 6CTAA8.3-G3, DIESEL-FUELED, 6-CYLINDER, TURBOCHARGED AND AFTERCOOLED, 317 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. IN ADDITION TO MAINTENANCE AND TESTING OF THIS ENGINE, THIS ENGINE SHALL ONLY OPERATE DURING EMERGENCIES RESULTING IN AN INTERRUPTION OF SERVICE OF THE PRIMARY POWER SUPPLY OR DURING STAGE II OR III ELECTRICAL EMERGENCY DECLARED BY THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR.
[RULE 1304 (a)(4)]
6. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
- CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))
- INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.
- INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.
- RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]
11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
- PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

12. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F56614
A/N 408454

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL 3516B-DITA, DIESEL-FUELED, TURBOCHARGED AND AFTERCOOLED, 16-CYLINDER, 2847 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT SRB1 BUILDING).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470]
5. IN ADDITION TO MAINTENANCE AND TESTING OF THIS ENGINE, THIS ENGINE SHALL ONLY OPERATE DURING EMERGENCIES RESULTING IN AN INTERRUPTION OF SERVICE OF THE PRIMARY POWER SUPPLY OR DURING STAGE II OR III ELECTRICAL EMERGENCY DECLARED BY THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR.
[RULE 1304 (a)(4)]
6. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

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 EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F58406
A/N 409647

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, MODEL NO. R123-7K35 (12V-2000), DIESEL-FUELED, 12-CYLINDER, TURBOCHARGED AND AFTERCOOLED, 910 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470]
5. IN ADDITION TO MAINTENANCE AND TESTING OF THIS ENGINE, THIS ENGINE SHALL ONLY OPERATE DURING EMERGENCIES RESULTING IN AN INTERRUPTION OF SERVICE OF THE PRIMARY POWER SUPPLY OR DURING STAGE II OR III ELECTRICAL EMERGENCY DECLARED BY THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR.
[RULE 1304 (a)(4)]
6. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

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 EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F58435
A/N 409648

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, MODEL NO. 6063-TK35, DIESEL-FUELED, 6-CYLINDER, TURBOCHARGED AND AFTERCOOLED, 490 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. IN ADDITION TO MAINTENANCE AND TESTING OF THIS ENGINE, THIS ENGINE SHALL ONLY OPERATE DURING EMERGENCIES RESULTING IN AN INTERRUPTION OF SERVICE OF THE PRIMARY POWER SUPPLY OR DURING STAGE II OR III ELECTRICAL EMERGENCY DECLARED BY THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR.
[RULE 1304 (a)(4)]
6. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]
11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F58436
A/N 409649

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, MODEL NO. 6063-TK35, DIESEL-FUELED, 6-CYLINDER, TURBOCHARGED AND AFTERCOOLED, 490 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640 (f)]
5. IN ADDITION TO MAINTENANCE AND TESTING OF THIS ENGINE, THIS ENGINE SHALL ONLY OPERATE DURING EMERGENCIES RESULTING IN AN INTERRUPTION OF SERVICE OF THE PRIMARY POWER SUPPLY OR DURING STAGE II OR III ELECTRICAL EMERGENCY DECLARED BY THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR.
[RULE 1304 (a)(4)]
6. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304 (a)(4), RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]
11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F62618
A/N 415044

Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, MODEL NO. 6CTA8.3-G, SERIAL NO. 45726455, DIESEL-FUELED, TURBOCHARGED AND AFTERCOOLED, 277 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT BRAIN MAPPING BLDG.).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 20 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640 (f)]
5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED ON FILE TO RECORD WHEN THIS ENGINE IS STARTED MANUALLY. THE LOG SHALL LIST THE DATE OF OPERATION, THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION, AND THE REASON FOR OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULE 1304 (a)(4), RULE 1470]
6. THE OPERATION OF ENGINE BEYOND THE 20 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECTED TO THE ROTATING OUTAGE.
[RULE 1304 (a)(4)]

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7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F81771
A/N 406662

Equipment Description:

(located at the Energy Systems Facility/South Campus Central Chiller Plant)

AIR POLLUTION CONTROL SYSTEM NO. 1, SERVING COGENERATION SYSTEM NO. 1, CONSISTING OF:

1. REACTOR, NOX SELECTIVE CATALYTIC REDUCTION (SCR), FOSTER WHEELER ENERGY CORP., 8' 5-1/2" W. X 2' 4-3/8" L. X 25' 3-1/4" H., WITH AN AMMONIA INJECTION SYSTEM, AND A UREA TO AMMONIA GENERATION SYSTEM (COMMON TO AIR POLLUTION CONTROL SYSTEM NO. 2) CONSISTING OF:
 - A. HYDROLYSIS REACTOR, UREA TO AMMONIA CONVERSION SYSTEM.
 - B. STORAGE TANK, REACTOR FEED TANK, FIXED ROOF, UREA 40% SOLUTION, 12,000-GALLON CAPACITY, 12' 0" DIA. X 15' 6" H.
2. REACTOR, CO OXIDATION CATALYST, ENGELHARD, HONEY COMB TYPE, 10' 0" W. X 34' 0" H.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL BE OPERATED AND MAINTAINED BY PERSONNEL PROPERLY TRAINED IN ITS OPERATION.
[RULE 204]
4. A CONTINUOUS MONITORING SYSTEM SHALL BE MAINTAINED AND OPERATED TO MEASURE AND RECORD THE MOLE RATIO OF INJECTED AMMONIA (NH₃) TO SCR INLET NOX. THIS SYSTEM SHALL BE ACCURATE TO WITHIN PLUS OR MINUS 5.0 PERCENT (+/- 5.0%).
[RULE 218]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

5. A CONTINUOUS MONITORING SYSTEM SHALL BE MAINTAINED AND OPERATED TO MEASURE, OVER A FIFTEEN CONSECUTIVE MINUTE AVERAGE TIME PERIOD, AND RECORD THE WASTE HEAT RECOVERY BOILER EXHAUST STACK FOR NOX, CO AND O2 CONCENTRATIONS, ON A DRY BASIS. THE SYSTEM SHALL ALSO CONVERT THE ACTUAL NOX AND CO CONCENTRATIONS TO A CORRECTED CONCENTRATION AT 15 PERCENT OXYGEN, ON A DRY BASIS, AND CONTINUOUSLY RECORD THESE CORRECTED STACK NOX, CO AND O2 CONCENTRATIONS. IN ADDITION, THE SYSTEM SHALL MONITOR AND RECORD THE DAILY NOX AND CO EMISSIONS IN POUNDS PER DAY FROM THE COGENERATION SYSTEM/WASTE HEAT BOILER/EXHAUST STACK. THIS MONITORING SYSTEM SHALL COMPLY WITH THE REQUIREMENTS OF RULE 218.
[RULE 1134, RULE 1303 (a)(1), RULE 218]
6. EMISSIONS OF OXIDES OF NITROGEN, AS NO2, FROM THE WASTE HEAT BOILER EXHAUST STACK SHALL NOT EXCEED 6 PPMV, CALCULATED DRY, AT 15 % O2, EXCEPT DURING START-UP AND SHUT-DOWN OPERATIONS.
[RULE 1303 (a)(1)]
7. EMISSIONS OF CARBON MONOXIDE (CO) FROM THE WASTE HEAT BOILER EXHAUST STACK SHALL NOT EXCEED 10 PPMV DURING NATURAL GAS OR BLENDED NATURAL AND LANDFILL GAS FIRING AND 13 PPMV DURING FUEL OIL FIRING, CALCULATED DRY, AT 15 % OXYGEN, EXCEPT DURING START-UP AND SHUT-DOWN OPERATIONS.
[RULE 1303 (a)(1)]
8. EMISSIONS OF AMMONIA (NH3) FROM THE WASTE HEAT BOILER EXHAUST SHALL NOT EXCEED 20 PPMV, CALCULATED DRY, AT 15% OXYGEN, EXCEPT DURING START- UP AND SHUT-DOWN OPERATIONS.
[RULE 1303 (a)(1)]
9. ALL CONCENTRATIONS OF GASEOUS EMISSIONS SHALL BE EXPRESSED IN PARTS PER MILLION BY VOLUME CORRECTED TO 15% OXYGEN, DRY, AND SHALL BE MEASURED OVER FOUR CONSECUTIVE FIFTEEN MINUTE AVERAGE TIME PERIODS IN ANY HOUR.
[RULE 1134, RULE 1303 (a)(1)]
10. SAMPLING PORTS SHALL BE PROVIDED IN THE GAS TURBINE EXHAUST DUCT AND WASTE HEAT BOILER EXHAUST DUCT 8-10 DUCT DIAMETERS DOWNSTREAM AND TWO (2) EQUIVALENT DUCT DIAMETERS UPSTREAM OF ANY FLOW DISTURBANCE AND SHALL CONSIST OF TWO 4-INCH WELDED NIPPLES WITH CAPS. OWNER/OPERATOR SHALL PROVIDE ADEQUATE AND SAFE ACCESS TO THE TEST PORTS. AN EQUIVALENT METHOD SHALL BE USED UPON PRIOR APPROVAL BY THE SCAQMD.
[RULE 217]
11. UCLA SHALL CONDUCT ANNUAL PERFORMANCE TESTS IN ACCORDANCE WITH SCAQMD TEST PROCEDURES AND FURNISH THE SCAQMD WRITTEN RESULTS OF SUCH PERFORMANCE TESTS WITHIN 45 DAYS AFTER TESTING. ALL SOURCE TESTING PROCEDURES AND ANALYTICAL METHODS SHALL BE SUBMITTED TO THE SCAQMD FOR APPROVAL AT LEAST 60 DAYS PRIOR TO START OF TESTS.

THE TEST SHALL INCLUDE THE FOLLOWING CONTAMINANTS AT THE SPECIFIED LOCATIONS OF FUEL INLET TO TURBINE, TURBINE EXHAUST PRIOR TO CATALYST/SCR, AND/OR FINAL STACK EXHAUST WHILE FUELED WITH BLENDED NATURAL AND LANDFILL GAS:

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

- A. METHANE (FUEL INLET)
 - B. TOTAL NONMETHANE HYDROCARBONS (FUEL INLET, STACK)
 - C. AMMONIA (STACK EXHAUST)
- [RULE 1134, RULE 1303 (a)(1), RULE 1303 (b)(2)]

12. AMMONIA SHALL BE CONTINUOUSLY INJECTED WHENEVER THE CATALYST INLET TEMPERATURE REACHES 500 DEGREES F AND THE ELECTRIC OUTPUT OF THE TURBINE REACHES 4.5 MEGAWATTS, UNLESS OTHERWISE APPROVED IN WRITING BY THE SCAQMD.
[RULE 1303 (a)(1)]

13. THE OPERATOR SHALL KEEP THE FOLLOWING RECORDS:

- A. DATES AND TIMES OF START-UPS AND SHUT-DOWNS.
- B. QUANTITY OF NATURAL GAS, LANDFILL GAS AND FUEL OIL BURNED.
- C. REASONS WHY NATURAL GAS OR BLENDED NATURAL AND LANDFILL GAS WAS NOT USED AND THE NUMBER OF HOURS DURING WHICH BACK-UP FUEL WAS USED.
- D. RESULTS FROM THE MONITORS REQUIRED BY PERMIT CONDITION NOS. 4 AND 5.

RECORDS OF THE COGENERATION SYSTEM SHALL BE MAINTAINED BY UCLA AND SHALL BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
[RULE 1134, RULE 1303 (a)(1), RULE 1303 (b)(2)]

Periodic Monitoring:

14. THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE GAUGE TO ACCURATELY INDICATE THE TEMPERATURE AT THE INLET OF THE CATALYST. THE OPERATOR SHALL ALSO INSTALL AND MAINTAIN A DEVICE TO CONTINUOUSLY RECORD THE PARAMETER BEING MEASURED.
[RULE 3004 (a)(4)]

Emissions And Requirements:

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

NH3: 20 PPMV, RULE 1303 (a)(1)

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F81770
A/N 406663

Equipment Description:

(located at the Energy Systems Facility/South Campus Central Chiller Plant)

AIR POLLUTION CONTROL SYSTEM NO. 2, SERVING COGENERATION SYSTEM NO. 2, CONSISTING OF:

1. REACTOR, NOX SELECTIVE CATALYTIC REDUCTION (SCR), FOSTER WHEELER ENERGY CORP., 8' 5-1/2" W. X 2' 4-3/8" L. X 25' 3-1/4" H., WITH AN AMMONIA INJECTION SYSTEM, AND A UREA TO AMMONIA GENERATION SYSTEM (COMMON TO AIR POLLUTION CONTROL SYSTEM NO. 1) CONSISTING OF:
 - A. HYDROLYSIS REACTOR, UREA TO AMMONIA CONVERSION SYSTEM.
 - B. STORAGE TANK, REACTOR FEED TANK, FIXED ROOF, UREA 40% SOLUTION, 12,000-GALLON CAPACITY, 12' 0" DIA. X 15' 6" H.
2. REACTOR, CO OXIDATION CATALYST, ENGELHARD, HONEY COMB TYPE, 10' 0" W. X 34' 0" H.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL BE OPERATED AND MAINTAINED BY PERSONNEL PROPERLY TRAINED IN ITS OPERATION.
[RULE 204]
4. A CONTINUOUS MONITORING SYSTEM SHALL BE MAINTAINED AND OPERATED TO MEASURE AND RECORD THE MOLE RATIO OF INJECTED AMMONIA (NH₃) TO SCR INLET NOX. THIS SYSTEM SHALL BE ACCURATE TO WITHIN PLUS OR MINUS 5.0 PERCENT (+/- 5.0%).
[RULE 218]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

5. A CONTINUOUS MONITORING SYSTEM SHALL BE MAINTAINED AND OPERATED TO MEASURE, OVER A FIFTEEN CONSECUTIVE MINUTE AVERAGE TIME PERIOD, AND RECORD THE WASTE HEAT RECOVERY BOILER EXHAUST STACK FOR NOX, CO AND O2 CONCENTRATIONS, ON A DRY BASIS. THE SYSTEM SHALL ALSO CONVERT THE ACTUAL NOX AND CO CONCENTRATIONS TO A CORRECTED CONCENTRATION AT 15 PERCENT OXYGEN, ON A DRY BASIS, AND CONTINUOUSLY RECORD THESE CORRECTED STACK NOX, CO AND O2 CONCENTRATIONS. IN ADDITION, THE SYSTEM SHALL MONITOR AND RECORD THE DAILY NOX AND CO EMISSIONS IN POUNDS PER DAY FROM THE COGENERATION SYSTEM/WASTE HEAT BOILER/EXHAUST STACK. THIS MONITORING SYSTEM SHALL COMPLY WITH THE REQUIREMENTS OF RULE 218.
[RULE 1134, RULE 1303 (a)(1), RULE 218]
6. EMISSIONS OF OXIDES OF NITROGEN, AS NO2, FROM THE WASTE HEAT BOILER EXHAUST STACK SHALL NOT EXCEED 6 PPMV, CALCULATED DRY, AT 15 % O2, EXCEPT DURING START-UP AND SHUT-DOWN OPERATIONS.
[RULE 1303 (a)(1)]
7. EMISSIONS OF CARBON MONOXIDE (CO) FROM THE WASTE HEAT BOILER EXHAUST STACK SHALL NOT EXCEED 10 PPMV DURING NATURAL GAS OR BLENDED NATURAL AND LANDFILL GAS FIRING AND 13 PPMV DURING FUEL OIL FIRING, CALCULATED DRY, AT 15 % OXYGEN, EXCEPT DURING START-UP AND SHUT-DOWN OPERATIONS.
[RULE 1303 (a)(1)]
8. EMISSIONS OF AMMONIA (NH3) FROM THE WASTE HEAT BOILER EXHAUST SHALL NOT EXCEED 20 PPMV, CALCULATED DRY, AT 15% OXYGEN, EXCEPT DURING START- UP AND SHUT-DOWN OPERATIONS.
[RULE 1303 (a)(1)]
9. ALL CONCENTRATIONS OF GASEOUS EMISSIONS SHALL BE EXPRESSED IN PARTS PER MILLION BY VOLUME CORRECTED TO 15% OXYGEN, DRY, AND SHALL BE MEASURED OVER FOUR CONSECUTIVE FIFTEEN MINUTE AVERAGE TIME PERIODS IN ANY HOUR.
[RULE 1134, RULE 1303 (a)(1)]
10. SAMPLING PORTS SHALL BE PROVIDED IN THE GAS TURBINE EXHAUST DUCT AND WASTE HEAT BOILER EXHAUST DUCT 8-10 DUCT DIAMETERS DOWNSTREAM AND TWO (2) EQUIVALENT DUCT DIAMETERS UPSTREAM OF ANY FLOW DISTURBANCE AND SHALL CONSIST OF TWO 4-INCH WELDED NIPPLES WITH CAPS. OWNER/OPERATOR SHALL PROVIDE ADEQUATE AND SAFE ACCESS TO THE TEST PORTS. AN EQUIVALENT METHOD SHALL BE USED UPON PRIOR APPROVAL BY THE SCAQMD.
[RULE 217]
11. UCLA SHALL CONDUCT ANNUAL PERFORMANCE TESTS IN ACCORDANCE WITH SCAQMD TEST PROCEDURES AND FURNISH THE SCAQMD WRITTEN RESULTS OF SUCH PERFORMANCE TESTS WITHIN 45 DAYS AFTER TESTING. ALL SOURCE TESTING PROCEDURES AND ANALYTICAL METHODS SHALL BE SUBMITTED TO THE SCAQMD FOR APPROVAL AT LEAST 60 DAYS PRIOR TO START OF TESTS.

THE TEST SHALL INCLUDE THE FOLLOWING CONTAMINANTS AT THE SPECIFIED LOCATIONS OF FUEL INLET TO TURBINE, TURBINE EXHAUST PRIOR TO CATALYST/SCR, AND/OR FINAL STACK EXHAUST WHILE FUELED WITH BLENDED NATURAL AND LANDFILL GAS:

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

- A. METHANE (FUEL INLET)
 - B. TOTAL NONMETHANE HYDROCARBONS (FUEL INLET, STACK)
 - C. AMMONIA (STACK EXHAUST)
- [RULE 1134, RULE 1303 (a)(1), RULE 1303 (b)(2)]

12. AMMONIA SHALL BE CONTINUOUSLY INJECTED WHENEVER THE CATALYST INLET TEMPERATURE REACHES 500 DEGREES F AND THE ELECTRIC OUTPUT OF THE TURBINE REACHES 4.5 MEGAWATTS, UNLESS OTHERWISE APPROVED IN WRITING BY THE SCAQMD.
[RULE 1303 (a)(1)]

13. THE OPERATOR SHALL KEEP THE FOLLOWING RECORDS:

- A. DATES AND TIMES OF START-UPS AND SHUT-DOWNS.
- B. QUANTITY OF NATURAL GAS, LANDFILL GAS AND FUEL OIL BURNED.
- C. REASONS WHY NATURAL GAS OR BLENDED NATURAL AND LANDFILL GAS WAS NOT USED AND THE NUMBER OF HOURS DURING WHICH BACK-UP FUEL WAS USED.
- D. RESULTS FROM THE MONITORS REQUIRED BY PERMIT CONDITION NOS. 4 AND 5.

RECORDS OF THE COGENERATION SYSTEM SHALL BE MAINTAINED BY UCLA AND SHALL BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
[RULE 1134, RULE 1303 (a)(1), RULE 1303 (b)(2)]

Periodic Monitoring:

14. THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE GAUGE TO ACCURATELY INDICATE THE TEMPERATURE AT THE INLET OF THE CATALYST. THE OPERATOR SHALL ALSO INSTALL AND MAINTAIN A DEVICE TO CONTINUOUSLY RECORD THE PARAMETER BEING MEASURED.
[RULE 3004 (a)(4)]

Emissions And Requirements:

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

NH3: 20 PPMV, RULE 1303 (a)(1)

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F71100
A/N 431761

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL NO. 3516B, DIESEL-FUELED, 16-CYLINDER, TURBOCHARGED AND AFTERCOOLED, 2499 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT STRB II BLDG.).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. 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 1304 (a)(4), RULE 1470]
5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED ON FILE TO RECORD WHEN THIS ENGINE IS STARTED MANUALLY. THE LOG SHALL LIST THE DATE OF OPERATION, THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION, AND THE REASON FOR OPERATION OF THIS ENGINE. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION (BOTH MANUAL AND AUTOMATIC) FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED ANYTIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULE 1304 (a)(4), RULE 1470]
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.

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

[RULE 1304 (a)(4), RULE 1470]

7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE ENGINES UNDER APPLICATION NUMBERS 431761 AND 431762 SHALL NOT BE TESTED ON THE SAME DAYS.
[RULE 212]
9. THE DURATION OF THE TESTS FOR EACH ENGINE UNDER APPLICATION NUMBERS 431761 AND 431762 SHALL NOT EXCEED ONE HOUR AT ANY ONE TIME.
[RULE 212]
10. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
11. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F71101
A/N 431762

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL NO. 3516B, DIESEL-FUELED, 16-CYLINDER, TURBOCHARGED AND AFTERCOOLED, 2499 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT CNSI BLDG.).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. 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 1304 (a)(4), RULE 1470]
5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED ON FILE TO RECORD WHEN THIS ENGINE IS STARTED MANUALLY. THE LOG SHALL LIST THE DATE OF OPERATION, THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION, AND THE REASON FOR OPERATION OF THIS ENGINE. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION (BOTH MANUAL AND AUTOMATIC) FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED ANYTIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULE 1304 (a)(4), RULE 1470]
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.

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

[RULE 1304 (a)(4), RULE 1470]

7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE ENGINES UNDER APPLICATION NUMBERS 431761 AND 431762 SHALL NOT BE TESTED ON THE SAME DAYS.
[RULE 212]
9. THE DURATION OF THE TESTS FOR EACH ENGINE UNDER APPLICATION NUMBERS 431761 AND 431762 SHALL NOT EXCEED ONE HOUR AT ANY ONE TIME.
[RULE 212]
10. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
11. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F73157
A/N 438367

Equipment Description:

INTERNAL COMBUSTION ENGINE, PERKINS, MODEL NO. 1104C-44TAG2, DIESEL-FUELED, 4-CYLINDER, TURBOCHARGED AND AFTERCOOLED, 157.5 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT HILLBLOM RESEARCH CENTER).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULE 1304 (a)(4), RULE 1470, 40 CFR 63.6640(f)]
5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED ON FILE TO RECORD WHEN THIS ENGINE IS STARTED MANUALLY. THE LOG SHALL LIST THE DATE OF OPERATION, THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION, AND THE REASON FOR OPERATION OF THIS ENGINE. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION (BOTH MANUAL AND AUTOMATIC) FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED ANYTIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULE 1304 (a)(4), RULE 1470]
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.

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

[RULE 1304 (a)(4), RULE 1470]

7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]
10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F73384
A/N 438553

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, MODEL NO. 6063-HK35, DIESEL-FUELED, 6-CYLINDER, TURBOCHARGED AND AFTERCOOLED, 550 B.H.P, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (LOCATED AT HEDRICK TOWER).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AN OPERATIONAL NON RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)(4), RULE 1470]
4. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULE 1304 (a)(4), RULE 1470]
5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED ON FILE TO RECORD WHEN THIS ENGINE IS STARTED MANUALLY. THE LOG SHALL LIST THE DATE OF OPERATION, THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION, AND THE REASON FOR OPERATION OF THIS ENGINE. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION (BOTH MANUAL AND AUTOMATIC) FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED ANYTIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULE 1304 (a)(4), RULE 1470]
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.

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

[RULE 1304 (a)(4), RULE 1470]

7. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
8. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
9. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

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 EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F82410
A/N 447811

Equipment Description:

(located at Rieber North)

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 6063-HK35, SERIAL NO. 06R0786142, TURBOCHARGED, AFTERCOOLED, 6 CYLINDERS, FOUR CYCLE, 635 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 BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 50 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
5. 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 1304(a)-MODELING AND OFFSET, RULE 1470]
6. 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 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:

A. EMERGENCY USE HOURS OF OPERATION

B. MAINTENANCE AND TESTING HOURS

C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

8. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

9. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

10. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F82411
A/N 447812

Equipment Description:

(located at Rieber West)

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 6063-HK35, SERIAL NO. 06R0755508, TURBOCHARGED, AFTERCOOLED, 6 CYLINDERS, FOUR CYCLE, 635 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 BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 50 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
5. 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 1304(a)-MODELING AND OFFSET, RULE 1470]
6. 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 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:

A. EMERGENCY USE HOURS OF OPERATION

B. MAINTENANCE AND TESTING HOURS

C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

8. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

9. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

10. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F90961
A/N 448155

Equipment Description:

(located at Engineering I Building)

INTERNAL COMBUSTION ENGINE, MITSUBISHI, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. S12R-YIPTA-2, TURBOCHARGED, 12 CYLINDERS, 1881 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 BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 50 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTING ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
5. 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 1304(a)-MODELING AND OFFSET, RULE 1470]
6. 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 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:

A. EMERGENCY USE HOURS OF OPERATION

B. MAINTENANCE AND TESTING HOURS

C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

8. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

9. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

10. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F78903
A/N 448158

Equipment Description:

(located at the UCLA Replacement Hospital)

INTERNAL COMBUSTION ENGINE, CATERPILLAR, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3516B DITA (2000 KW), SERIAL NO. 1HZ02177, TURBOCHARGED, AFTERCOOLED, 16 CYLINDERS, FOUR CYCLE, 2847 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 BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 50 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
5. 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 1304(a)-MODELING AND OFFSET, RULE 1470]
6. 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 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:

A. EMERGENCY USE HOURS OF OPERATION

B. MAINTENANCE AND TESTING HOURS

C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.

[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

8. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

9. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

10. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F78904
A/N 448159

Equipment Description:

(located at the UCLA Replacement Hospital)

INTERNAL COMBUSTION ENGINE, CATERPILLAR, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3516B DITA (2000 KW), SERIAL NO. 1HZ02176, TURBOCHARGED, AFTERCOOLED, 16 CYLINDERS, FOUR CYCLE, 2847 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 BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 50 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTING ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
5. 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 1304(a)-MODELING AND OFFSET, RULE 1470]
6. 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 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:

A. EMERGENCY USE HOURS OF OPERATION

B. MAINTENANCE AND TESTING HOURS

C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.

[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

8. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

9. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

10. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F78905
A/N 448160

Equipment Description:

(located at the UCLA Replacement Hospital)

INTERNAL COMBUSTION ENGINE, CATERPILLAR, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3516B DITA (2000 KW), SERIAL NO. 1HZ02175, TURBOCHARGED, AFTERCOOLED, 16 CYLINDERS, FOUR CYCLE, 2847 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 BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 50 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
5. 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 1304(a)-MODELING AND OFFSET, RULE 1470]
6. 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 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:

A. EMERGENCY USE HOURS OF OPERATION

B. MAINTENANCE AND TESTING HOURS

C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.

[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

8. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

9. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

10. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F78906
A/N 448161

Equipment Description:

(located at the UCLA Replacement Hospital)

INTERNAL COMBUSTION ENGINE, CATERPILLAR, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3516B DITA (2000 KW), SERIAL NO. 1HZ02174, TURBOCHARGED, AFTERCOOLED, 16 CYLINDERS, FOUR CYCLE, 2847 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 BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 50 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
5. 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 1304(a)-MODELING AND OFFSET, RULE 1470]
6. 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 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:

A. EMERGENCY USE HOURS OF OPERATION

B. MAINTENANCE AND TESTING HOURS

C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.

[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

8. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

9. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

10. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F82412
A/N 448551

Equipment Description:

(located at the Powell/Kinsey Buildings)

INTERNAL COMBUSTION ENGINE, CUMMINS, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. QSX15-G9, SERIAL NO. 79141009, TURBOCHARGED, AFTERCOOLED, 6 CYLINDERS, 755 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 BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 50 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
5. 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 1304(a)-MODELING AND OFFSET, RULE 1470]
6. 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 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:

A. EMERGENCY USE HOURS OF OPERATION

B. MAINTENANCE AND TESTING HOURS

C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

8. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

9. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

10. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. N19559
A/N 451548

Equipment Description:

FUEL STORAGE AND DISPENSING FACILITY (LOCATED AT FLEET SERVICE) CONSISTING OF:

1. 8- GASOLINE BELLOWS-LESS NOZZLES DISPENSING 8 PRODUCTS, EQUIPPED WITH PHASE II VAPOR RECOVERY SYSTEM, HEALY PHASE II EVR SYSTEM NOT INCLUDING ISD (VR-201-C).
2. 2- GASOLINE UNDERGROUND STORAGE TANKS, EACH 10,000-GALLON CAPACITY, EQUIPPED WITH PHASE I VAPOR RECOVERY SYSTEM CNI MANUFACTURING (VR-104-B), 2 METHANOL COMPATIBLE.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT WAS 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. EXCEPT FOR DIESEL TRANSFERS, PHASE I VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO STORAGE TANKS.
[RULE 461, RULE 1303 (a)(1)]
4. EXCEPT FOR DIESEL TRANSFER, PHASE II VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO MOTOR VEHICLES, AS DEFINED IN RULE 461.
[RULE 461, RULE 1303 (a)(1)]
5. ALL PHASE I AND PHASE II VAPOR RECOVERY EQUIPMENT AT THIS FACILITY SHALL BE INSTALLED, OPERATED AND MAINTAINED TO MEET ALL CALIFORNIA AIR RESOURCES BOARD CERTIFICATION REQUIREMENTS.
[RULE 461]
6. A PRESSURE INTEGRITY TEST OF THE DROP TUBE/DRAIN VALVE ASSEMBLY SHALL BE CONDUCTED TO QUANTIFY THE PRESSURE INTEGRITY OF BOTH THE DROP TUBE AND DRAIN VALVE SEAL. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH TEST PROCEDURE METHOD TP-201.1C AS A PERFORMANCE TEST AND AS A REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.
[RULE 461]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. A LEAK RATE AND CRACKING PRESSURE TEST OF PRESSURE/VACUUM RELIEF VENT VALVES SHALL BE CONDUCTED WITHIN THIRTY DAYS (30) AFTER THE START OF OPERATION OF THE CNI MANUFACTURING PHASE I EVR EQUIPMENT AND AT LEAST ONCE EVERY THREE (3) YEARS THEREAFTER TO DETERMINE THE PRESSURE AND VACUUM AT WHICH THE PRESSURE/VACUUM VENT VALVE ACTUATES, AND TO DETERMINE THE VOLUMETRIC LEAK RATE AT A GIVEN PRESSURE. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE TEST PROCEDURE METHOD TP-201.1E. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST. THIS TEST RESULT SHALL BE KEPT ON SITE FOR FIVE (5) YEARS AND MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.

[RULE 461]

8. A STATIC TORQUE TEST OF ROTATABLE PHASE I ADAPTORS SHALL BE CONDUCTED TO QUANTIFY THE AMOUNT OF STATIC TORQUE REQUIRED TO START THE ROTATION OF THE ROTATABLE PHASE I ADAPTORS. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE TEST PROCEDURE METHOD OUTLINED IN TP-201.1B AS A PERFORMANCE TEST AND AS A REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.

[RULE 461]

9. THE PHASE II VAPOR RECOVERY SYSTEM SHALL BE INSTALLED, OPERATED, AND MAINTAINED SUCH THAT THE MAXIMUM ALLOWABLE PRESSURE THROUGH THE RISER, AND UNDERGROUND PIPING DOES NOT EXCEED THE DYNAMIC BACK PRESSURE DESCRIBED BY THE CALIFORNIA AIR RESOURCES BOARD EXECUTIVE ORDER BY WHICH THE SYSTEM WAS CERTIFIED:

NITROGEN FLOWRATES
(CFH)
60

DYNAMIC BACK PRESSURE
(INCHES OF WATER)
0.50

DYNAMIC BACK PRESSURE TESTS SHALL BE CONDUCTED TO DETERMINE THE PHASE II SYSTEM VAPOR RECOVERY BACK PRESSURES. THE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE TP-201.4, METHODOLOGY 4; AS A PERFORMANCE TEST. THIS TEST SHALL BE A ONE-TIME TEST AND THE RESULTS KEPT PERMANENTLY ON SITE. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TESTS.

[RULE 461]

10. A STATIC PRESSURE LEAK DECAY TEST SHALL BE CONDUCTED TO DEMONSTRATE THAT THE STORAGE TANKS, THE REMOTE AND/OR NOZZLE VAPOR RECOVERY CHECK VALVES, ASSOCIATED VAPOR RETURN PIPING AND FITTINGS ARE FREE FROM VAPOR LEAKS. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE METHOD TP-201.3 AS A PERFORMANCE TEST AND AS A REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.

[RULE 461]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

11. A STATIC PRESSURE PERFORMANCE TEST FOR THE HEALY CLEAN AIR SEPARATOR USING BOTH THE VACUUM DECAY PROCEDURE AND THE POSITIVE PRESSURE PROCEDURE SHALL BE CONDUCTED TO QUANTIFY THE VAPOR TIGHTNESS OF THE HEALY CLEAN AIR SEPARATOR TANK PRESSURE MANAGEMENT SYSTEM. THESE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH EXHIBIT 4 OF CARB EXECUTIVE ORDER VR-201-C AS A PERFORMANCE TEST AND REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE WITHIN SEVENTY-TWO (72) HOURS OF TEST.
[RULE 461]
12. A VAPOR TO LIQUID VOLUME RATIO TEST SHALL BE CONDUCTED TO QUANTIFY THE VAPOR TO LIQUID (V/L) VOLUMETRIC RATIO OF THE HEALY CLEAN AIR SEPARATOR SYSTEM. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH EXHIBIT 5 OF CARB EXECUTIVE ORDER VR-201-C AS A PERFORMANCE TEST AND AS A REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE WITHIN SEVENTY-TWO (72) HOURS OF TEST.
[RULE 461]
13. A NOZZLE BAG TEST SHALL BE CONDUCTED ON THE HEALY PHASE II EVR NOZZLES TO VERIFY THE INTEGRITY OF THE VAPOR VALVE. THE TEST SHALL BE CONDUCTED ON ANY NEWLY INSTALLED OR REPLACED HEALY PHASE II EVR NOZZLES AND IN ACCORDANCE WITH EXHIBIT 7 OF CARB EXECUTIVE ORDER VR-201-C. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE WITHIN SEVENTY-TWO (72) HOURS OF TEST.
[RULE 461]
14. THE STATIC PRESSURE LEAK DECAY TEST TP-201.3, SHALL BE CONDUCTED IN ACCORDANCE WITH EXHIBIT 8 OF CARB EXECUTIVE ORDER VR-201-C. VERIFICATION OF COMPLETING EACH STEP AS OUTLINED SHALL BE DOCUMENTED BY SUBMITTING A COPY OF EXHIBIT 8 TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE WITHIN SEVENTY-TWO (72) HOURS OF TEST.
[RULE 461]
15. THE AQMD SHALL BE NOTIFIED BY E-MAIL AT R461TESTING@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO ANY OF THE ABOVE MENTIONED TESTING REQUIREMENTS. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTOR; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE TESTS TO BE PERFORMED.
[RULE 461]
16. THE TESTING FOR THE ABOVE MENTIONED TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE MOST RECENT RULE 461 AMENDMENT OR CARB EXECUTIVE ORDER REQUIREMENTS, WHICHEVER IS MORE STRINGENT.
[RULE 461]
17. ALL RECORDS AND TEST RESULTS THAT ARE REQUIRED TO BE MAINTAINED BY RULE 461 SHALL BE KEPT ON SITE FOR FIVE YEARS AND MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.
[RULE 461]

**FACILITY PERMIT TO OPERATE
UNIVERSITY OF CALIFORNIA, LOS ANGELES**

18. THE MAXIMUM QUANTITY OF GASOLINE DISPENSED FROM THE STORAGE TANKS AT THIS FACILITY SHALL NOT EXCEED 53,000 GALLONS IN ANY ONE CALENDAR MONTH NOR 636,000 GALLONS IN ANY ONE CALENDAR YEAR.
[RULE 1303 (b)(2), RULE 1401]
19. FOR ISD REQUIREMENTS ONLY, THIS FACILITY SHALL NOT DISPENSE MORE THAN 600,000 GALLONS OF GASOLINE PER CALENDAR YEAR. SHOULD THE FACILITY DISPENSE MORE THAN 600,000 GALLONS OF GASOLINE PER CALENDAR YEAR, THE OPERATOR SHALL IMMEDIATELY CEASE ALL GASOLINE DISPENSING OPERATIONS AND FILE AN APPLICATION FOR A PERMIT TO CONSTRUCT/OPERATE TO INSTALL A CARB CERTIFIED ISD SYSTEM. GASOLINE DISPENSING OPERATIONS SHALL NOT RESUME UNTIL THE ISD SYSTEM HAS BEEN GRANTED A PERMIT TO CONSTRUCT/OPERATE AND FULLY INSTALLED.
[RULE 461]
20. RECORDS OF MONTHLY AND ANNUAL FUEL DISPENSED SHALL BE PREPARED, SHALL BE RETAINED ON SITE FOR FIVE YEARS, AND SHALL BE MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.
[RULE 1303 (b)(2), RULE 1401].

Periodic Monitoring:

21. THE OPERATOR SHALL HAVE A PERSON THAT HAS BEEN TRAINED IN ACCORDANCE WITH RULE 461(d)(5) CONDUCT A SEMI-ANNUAL INSPECTION OF THE GASOLINE TRANSFER AND DISPENSING EQUIPMENT. THE FIRST INSPECTION SHALL BE IN ACCORDANCE WITH RULE 461, ATTACHMENT B, THE SECOND INSPECTION SHALL BE IN ACCORDANCE WITH RULE 461, ATTACHMENT C, AND THE SUBSEQUENT INSPECTIONS SHALL ALTERNATE PROTOCOLS. THE OPERATOR SHALL KEEP RECORDS OF THE INSPECTION AND THE REPAIRS IN ACCORDANCE TO RULE 461 AND SECTION K OF THIS PERMIT.
[RULE 3004 (a)(4)]

Emissions And Requirements:

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

VOC: RULE 461
VOC: RULE 1170

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F89260
A/N 455087

Equipment Description:

(located at the Math Science Building)

INTERNAL COMBUSTION PERKINS, CUMMINS, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. GCD325, SERIAL NO. NNS01360, TURBOCHARGED, AFTERCOOLED, SIX CYLINDERS, 325 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 BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 50 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470, 40 CFR 63.6640 (f)]
5. 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 1304(a)-MODELING AND OFFSET, RULE 1470]
6. 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

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

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 1470]

7. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:

A. EMERGENCY USE HOURS OF OPERATION

B. MAINTENANCE AND TESTING HOURS

C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.

[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

8. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

9. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

10. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.

[40 CFR 63 SUBPART ZZZZ]

12. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTRUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F84400
A/N 459848

Equipment Description:

(located at CHS Hospital & Clinics # EGS-1)

INTERNAL COMBUSTION ENGINE, CATERPILLAR, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. D399, SERIAL NO. 35B1071, TURBOCHARGED, SIXTEEN CYLINDERS, 4-CYCLE, 1260 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 BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 50 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
5. 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 1304(a)-MODELING AND OFFSET, RULE 1470]
6. THIS ENGINE SHALL BE REMOVED FROM OFFICE OF STATEWIDE HEALTH PLANNING DEVELOPMENT (OSHPD) SERVICE PRIOR TO JANUARY 1, 2009.
[RULE 1470]
7. 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

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

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 1470]

8. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:

A. EMERGENCY USE HOURS OF OPERATION

B. MAINTENANCE AND TESTING HOURS

C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

9. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

10. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

11. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F84399
A/N 459849

Equipment Description:

(located at CHS Hospital & Clinics # EGS-2)

INTERNAL COMBUSTION ENGINE, CATERPILLAR, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. D399, SERIAL NO. 35B1072, TURBOCHARGED, SIXTEEN CYLINDERS, 4-CYCLE, 1260 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 BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 50 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
5. 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 1304(a)-MODELING AND OFFSET, RULE 1470]
6. THIS ENGINE SHALL BE REMOVED FROM OFFICE OF STATEWIDE HEALTH PLANNING DEVELOPMENT (OSHPD) SERVICE PRIOR TO JANUARY 1, 2009.
[RULE 1470]
7. 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

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

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 1470]

8. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:

A. EMERGENCY USE HOURS OF OPERATION

B. MAINTENANCE AND TESTING HOURS

C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.

[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

9. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

10. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

11. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F84398
A/N 459850

Equipment Description:

(located at CHS Hospital & Clinics # EGS-3)

INTERNAL COMBUSTION ENGINE, CATERPILLAR, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. D399, SERIAL NO. 35B4263, TURBOCHARGED, SIXTEEN CYLINDERS, 4-CYCLE, 1310 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 BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 50 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
5. 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 1304(a)-MODELING AND OFFSET, RULE 1470]
6. THIS ENGINE SHALL BE REMOVED FROM OFFICE OF STATEWIDE HEALTH PLANNING DEVELOPMENT (OSHPD) SERVICE PRIOR TO JANUARY 1, 2009.
[RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. 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 1470]

8. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:
 - A. EMERGENCY USE HOURS OF OPERATION
 - B. MAINTENANCE AND TESTING HOURS
 - C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

9. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

10. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

11. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F84397
A/N 459851

Equipment Description:

(located at CHS Hospital & Clinics # EGS-4)

INTERNAL COMBUSTION ENGINE, CATERPILLAR, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. D399, SERIAL NO. 35B4258, TURBOCHARGED, SIXTEEN CYLINDERS, 4-CYCLE, 1310 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 BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 50 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
5. 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 1304(a)-MODELING AND OFFSET, RULE 1470]
6. THIS ENGINE SHALL BE REMOVED FROM OFFICE OF STATEWIDE HEALTH PLANNING DEVELOPMENT (OSHPD) SERVICE PRIOR TO JANUARY 1, 2009.
[RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. 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 1470]

8. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:
 - A. EMERGENCY USE HOURS OF OPERATION

 - B. MAINTENANCE AND TESTING HOURS

 - C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

9. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

10. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

11. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F84396
A/N 459852

Equipment Description:

(located at CHS Hospital & Clinics, Radiology)

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 12V-149TI, SERIAL NO. 6537329, TURBOCHARGED, AFTERCOOLED, TWELVE CYLINDERS, 1750 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 BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 50 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
5. 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 1304(a)-MODELING AND OFFSET, RULE 1470]
6. THIS ENGINE SHALL BE REMOVED FROM OFFICE OF STATEWIDE HEALTH PLANNING DEVELOPMENT (OSHPD) SERVICE PRIOR TO JANUARY 1, 2009.
[RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. 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 1470]
8. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.
[RULE 1303 (a)(1)-BACT]
9. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:
 - A. EMERGENCY USE HOURS OF OPERATION
 - B. MAINTENANCE AND TESTING HOURS
 - C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
10. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
11. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
12. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

13. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
 - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
 - PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F95749
A/N 473877

Equipment Description:

(located at Parking Structure #3)

INTERNAL COMBUSTION ENGINE, PERKINS, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 1104C (2460/1800), SERIAL NO. RE51214 U154253L, NATURALLY ASPIRATED, FOUR CYLINDERS, 4-CYCLE, 72.4 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 BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 50 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470, 40 CFR 63.6640(f)]
5. 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 1304(a)-MODELING AND OFFSET, RULE 1470]
6. 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.

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:

- A. EMERGENCY USE HOURS OF OPERATION
- B. MAINTENANCE AND TESTING HOURS
- C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

8. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]
9. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTRUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

12. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. F95750
A/N 473878

Equipment Description:

(located at PS 5, 4, 7, Wooden & Ashe Centers)

INTERNAL COMBUSTION ENGINE, CATERPILLAR, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3516C-DITA, TURBOCHARGED, AFTERCOOLED, SIXTEEN CYLINDERS, 4-CYCLE, 3622 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 BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 50 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
5. 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 1304(a)-MODELING AND OFFSET, RULE 1470]
6. 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 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:

A. EMERGENCY USE HOURS OF OPERATION

B. MAINTENANCE AND TESTING HOURS

C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.

[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

8. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

9. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

10. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

PM: RULE 1470

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PERMIT TO OPERATE

Permit No. F95751
A/N 475260

Equipment Description:

(located at Engineering V Bldg.)

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. T1638A36, TURBOCHARGED, AFTERCOOLED, SIXTEEN CYLINDERS, 4-CYCLE, 3057 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 BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 50 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
5. 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 1304(a)-MODELING AND OFFSET, RULE 1470]
6. 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 1470]

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7. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:

A. EMERGENCY USE HOURS OF OPERATION

B. MAINTENANCE AND TESTING HOURS

C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

8. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

9. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

10. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

PM: RULE 1470

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PERMIT TO OPERATE

Permit No. F97591
A/N 481972

Equipment Description:

(located at Life Sciences Replacement Bldg.)

INTERNAL COMBUSTION ENGINE, CUMMINS, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. QSK50-G4 NR2, TURBOCHARGED, AFTERCOOLED, SIXTEEN CYLINDERS, 2220 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 BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 50 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTING ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
5. 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 1304(a)-MODELING AND OFFSET, RULE 1470]
6. 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 1470]

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7. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:

A. EMERGENCY USE HOURS OF OPERATION

B. MAINTENANCE AND TESTING HOURS

C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.

[RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

8. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

9. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]

10. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

PM: RULE 1470

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PERMIT TO OPERATE

Permit No. G3897
A/N 498393

Equipment Description:

(located at the Spieker Aquatic Center)

INTERNAL COMBUSTION ENGINE, JOHN DEERE , DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 4024HF285B, TURBOCHARGED, AFTERCOOLED, FOUR CYLINDERS, 80 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 BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING, AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING .
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470, 40 CFR 63.6640(f)]
4. AN OPERATIONAL NON-RESETTING ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470, RULE 1472]
5. 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 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
6. 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

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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 1470]

7. THE OPERATOR SHALL KEEP A LOG OF ENGINE OPERATIONS DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND THE SPECIFIC REASON FOR OPERATION AS :
 - A. EMERGENCY USE
 - B. MAINTENANCE AND TESTING
 - C. OTHERS (SPECIFY)

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 READINGS (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND THE END OF THE OPERATION.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
8. 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.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
9. ENGINE OPERATION LOGS SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
[RULE 1470]
10. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 1470 AND 1472.
[RULE 1470, RULE 1472]
11. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.
[RULE 1470, RULE 431.2]
12. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1470, RULE 431.2]

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13. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

14. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. G3896
A/N 498553

Equipment Description:

(located at the Rieber Hall)

INTERNAL COMBUSTION ENGINE, JOHN DEERE , DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 6135HF485T, TURBOCHARGED, AFTERCOOLED, SIX CYLINDERS, 538 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 BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING, AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING .
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470, RULE 1472]
5. 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 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
6. 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 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. THE OPERATOR SHALL KEEP A LOG OF ENGINE OPERATIONS DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND THE SPECIFIC REASON FOR OPERATION AS :

A. EMERGENCY USE

B. MAINTENANCE AND TESTING

C. OTHERS (SPECIFY)

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 READINGS (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND THE END OF THE OPERATION.

[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

8. 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.

[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

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

[RULE 1470]

10. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 1470 AND 1472.

[RULE 1470, RULE 1472]

11. THE OPERATOR SHALL ONLY USE LOW SULFUR DIESEL FUEL WITH A SULFUR CONTENT OF 15 PPM OR LESS BY WEIGHT.

[RULE 1470, RULE 431.2]

12. MATERIAL SAFETY DATA SHEETS FOR THE DIESEL FUEL USED IN THIS ENGINE SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST

[RULE 1470, RULE 431.2]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. G9381
A/N 503209

Equipment Description:

[located at the 100 Medical Plaza Bldg.]

INTERNAL COMBUSTION ENGINE, CLARKE GM DIESEL, DIESEL-FUELED, EMERGENCY FIRE PUMP DRIVER, MODEL NO. D226-6, SERIAL NO. D226-6-17325, SIX CYLINDERS, 4-CYCLE, 103 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 COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 431.2 AND RULE 1470.
[RULE 431.2, RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 34 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING TO COMPLY WITH THE REQUIREMENTS OF THE NATIONAL FIRE PROTECTION ASSOCIATION.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470, 40 CFR 63.6640(f)]
5. AN OPERATIONAL NON-RESETTABLE ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
6. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO STANDARD TIMING.
[RULE 1303(a)(1)-BACT]
7. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED, 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 (DESCRIBE THE REASON FOR OPERATING).

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

[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

8. 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.

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

[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.

[40 CFR 63 SUBPART ZZZZ]

11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTRUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.

[40 CFR 63 SUBPART ZZZZ]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

PM: RULE 1470

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

PERMIT TO OPERATE

Permit No. G9382
A/N 503210

Equipment Description:

(located at the 100 Medical Plaza Bldg.)

INTERNAL COMBUSTION ENGINE, CUMMINS , DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. NTA855-G2, SERIAL NO. 11575855, TURBOCHARGED, AFTERCOOLED, SIX CYLINDERS, 465 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 COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 431.2 AND RULE 1470.
[RULE 431.2, RULE 1470]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 20 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING AND NO MORE THAN 1.7 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470, 40 CFR 63.6640(f)]
5. OPERATING BEYOND THE 20 HOURS PER YEAR ALLOTTED FOR MAINTENANCE AND TESTING PURPOSES 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 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
6. AN OPERATIONAL NON-RESETTABLE ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470, RULE 1472]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

7. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED, 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 (DESCRIBE THE REASON FOR OPERATING).

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

[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

8. 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.

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

[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

PM: RULE 1470

10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

CHANGE THE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625(j))

INSPECT AIR CLEANER EVERY 1,000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST.

INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY.

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RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40 CFR 63 SUBPART ZZZZ]

11. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

PER 40 CFR 63.6625(e) AND 63.6640(a), THE OPERATOR MUST OPERATE AND MAINTAIN THE STATIONARY RICE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS.
[40 CFR 63 SUBPART ZZZZ]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

Permit No. G14969
A/N 514356

Equipment Description:

(Located at Pauley Pavilion)

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, 12 CYLINDERS, TURBOCHARGED, AFTERCOOLED, MODEL NO. R123-8A36, 1,120 BHP, DIESEL-FUELED, EQUIPPED WITH A DIESEL PARTICULATE FILTER, JOHNSON-MATTHEY, MODEL NO. CRT(+), DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

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 AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTING TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
5. THE OPERATION OF ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
6. AN ENGINE OPERATING LOG SHALL BE KEPT AND SHALL DOCUMENT THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:
 - A. EMERGENCY USE.
 - B. MAINTENANCE AND TESTING.

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C. OTHER (DESCRIBE THE REASON FOR OPERATING).

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

[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

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

- A. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND**
- B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.**

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

[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

8. THIS OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 431.2 AND RULE 1470.

[RULE 431.2, RULE 1470]

9. THIS ENGINE SHALL NOT BE OPERATED UNLESS ITS EXHAUST IS VENTED TO THE DIESEL PARTICULATE FILTER WHICH SHALL BE IN FULL OPERATION AND IN GOOD OPERATING CONDITION AT ALL TIMES.

[RULE 1470]

10. THIS ENGINE SHALL OPERATE AT THE LOAD LEVEL REQUIRED TO ACHIEVE A MINIMUM EXHAUST TEMPERATURE (FOR FILTER REGENERATION) OF 465 DEGREES FAHRENHEIT FOR A MINIMUM OF 40 PERCENT OF TOTAL OPERATION TIME.

[RULE 1470]

11. REGENERATION OF THE CATALYST SHALL BE PERFORMED AFTER 24 COLD START-UPS WITH 30-MINUTE IDLE SESSIONS.

[RULE 1470]

12. THE OPERATOR SHALL INSPECT THE INTEGRITY OF THE FILTER AND CLEAN OR REPLACE SUCH FILTER EVERY 6 TO 12 MONTHS DEPENDING ON THE HOURS OF OPERATION MAINTENANCE PRACTICE, AND HOURS OF USE.

[RULE 1470]

13. THE OPERATOR SHALL RECORDS OF PARTICULATE FILTER INSPECTIONS, REPLACEMENTS, AND MANUAL REGENERATIONS. THE OPERATOR SHALL MAINTAIN THESE RECORDS FOR A MINIMUM OF TWO YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER UPON REQUEST.

[RULE 1470]

14. THE ENGINE SHALL NOT OPERATE BELOW THE PASSIVE REGENERATION TEMPERATURE (465 DEGREES FAHRENHEIT) FOR A PERIOD GREATER THAN 720 CONSECUTIVE MINUTES.

[RULE 1470]

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15. THE MINIMUM NO_x/PM RATIO OF AT LEAST 8 SHALL BE MAINTAINED WITH A PREFERENCE OF 20 OR HIGHER.
[RULE 1470]

16. THE OPERATOR SHALL USE CALIFORNIA DIESEL FUEL WITH LESS THAN OR EQUAL TO 15 PPM SULFUR OR A BIODIESEL BLEND PROVIDED THAT THE BIODIESEL PORTION OF THE BLEND COMPLIES WITH ASTM D6751, THE DIESEL PORTION OF THE BLEND COMPLIES WITH TITLE 13 (CCR) SECTIONS 2281 AND 2282, AND THE BLEND CONTAINS NO MORE THAN 20 PERCENT BIODIESEL BY VOLUME.
[RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

Permit No. G14970
A/N 514355

Equipment Description:

(Located at Weyburn Terrace)

INTERNAL COMBUSTION ENGINE, MTU DETROIT DIESEL, 12 CYLINDERS, TURBOCHARGED, AFTERCOOLED, MODEL NO. 12V1600G70S, 822 BHP, DIESEL-FUELED, EQUIPPED WITH A DIESEL PARTICULATE FILTER, JOHNSON-MATTHEY, MODEL NO. CRT(+), DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

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]
6. 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 AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
5. THE OPERATION OF ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
6. AN ENGINE OPERATING LOG SHALL BE KEPT AND SHALL DOCUMENT THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:

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- A. EMERGENCY USE.
- B. MAINTENANCE AND TESTING.
- C. OTHER (DESCRIBE THE REASON FOR OPERATING).

IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TIME METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

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

- A. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
- B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

8. THIS OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 431.2 AND RULE 1470.
[RULE 431.2, RULE 1470.]

9. THIS ENGINE SHALL NOT BE OPERATED UNLESS ITS EXHAUST IS VENTED TO THE DIESEL PARTICULATE FILTER WHICH SHALL BE IN FULL OPERATION AND IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 1470]

10. THIS ENGINE SHALL OPERATE AT THE LOAD LEVEL REQUIRED TO ACHIEVE A MINIMUM EXHAUST TEMPERATURE (FOR FILTER REGENERATION) OF 465 DEGREES FAHRENHEIT FOR A MINIMUM OF 40 PERCENT OF TOTAL OPERATION TIME.
[RULE 1470]

11. REGENERATION OF THE CATALYST SHALL BE PERFORMED AFTER 24 COLD START-UPS WITH 30-MINUTE IDLE SESSIONS.
[RULE 1470]

12. THE OPERATOR SHALL INSPECT THE INTEGRITY OF THE FILTER AND CLEAN OR REPLACE SUCH FILTER EVERY 6 TO 12 MONTHS DEPENDING ON THE HOURS OF OPERATION MAINTENANCE PRACTICE, AND HOURS OF USE.
[RULE 1470]

13. THE OPERATOR SHALL RECORDS OF PARTICULATE FILTER INSPECTIONS, REPLACEMENTS, AND MANUAL REGENERATIONS. THE OPERATOR SHALL MAINTAIN THESE RECORDS FOR A MINIMUM OF TWO YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER UPON REQUEST.
[RULE 1470]

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14. THE ENGINE SHALL NOT OPERATE BELOW THE PASSIVE REGENERATION TEMPERATURE (465 DEGREES FAHRENHEIT) FOR A PERIOD GREATER THAN 720 CONSECUTIVE MINUTES.
[RULE 1470]
15. THE MINIMUM NO_x/PM RATIO OF AT LEAST 8 SHALL BE MAINTAINED WITH A PREFERENCE OF 20 OR HIGHER.
[RULE 1470]
16. THE OPERATOR SHALL USE CALIFORNIA DIESEL FUEL WITH LESS THAN OR EQUAL TO 15 PPM SULFUR OR A BIODIESEL BLEND PROVIDED THAT THE BIODIESEL PORTION OF THE BLEND COMPLIES WITH ASTM D6751, THE DIESEL PORTION OF THE BLEND COMPLIES WITH TITLE 13 (CCR) SECTIONS 2281 AND 2282, AND THE BLEND CONTAINS NO MORE THAN 20 PERCENT BIODIESEL BY VOLUME.
[RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

**Permit No. P/C
A/N 518257**

Equipment Description:

(Located at Hedrick Hall)

INTERNAL COMBUSTION ENGINE, MTU DETROIT DIESEL, 12 CYLINDERS, TURBOCHARGED, AFTERCOOLED, MODEL NO. 12V1600G70S, 822 BHP, DIESEL-FUELED, EQUIPPED WITH A DIESEL PARTICULATE FILTER, JOHNSON-MATTHEY, MODEL NO. CRT(+), DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

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]
7. 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 AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
5. THE OPERATION OF ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
6. AN ENGINE OPERATING LOG SHALL BE KEPT AND SHALL DOCUMENT THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:

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- A. EMERGENCY USE.
- B. MAINTENANCE AND TESTING.
- C. OTHER (DESCRIBE THE REASON FOR OPERATING).

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

[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

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

- A. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
- B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

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

[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

8. THIS OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 431.2 AND RULE 1470.
[RULE 431.2, RULE 1470]

9. THIS ENGINE SHALL NOT BE OPERATED UNLESS ITS EXHAUST IS VENTED TO THE DIESEL PARTICULATE FILTER WHICH SHALL BE IN FULL OPERATION AND IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 1470]

10. THIS ENGINE SHALL OPERATE AT THE LOAD LEVEL REQUIRED TO ACHIEVE A MINIMUM EXHAUST TEMPERATURE (FOR FILTER REGENERATION) OF 465 DEGREES FAHRENHEIT FOR A MINIMUM OF 40 PERCENT OF TOTAL OPERATION TIME.
[RULE 1470]

11. REGENERATION OF THE CATALYST SHALL BE PERFORMED AFTER 24 COLD START-UPS WITH 30-MINUTE IDLE SESSIONS.
[RULE 1470]

12. THE OPERATOR SHALL INSPECT THE INTEGRITY OF THE FILTER AND CLEAN OR REPLACE SUCH FILTER EVERY 6 TO 12 MONTHS DEPENDING ON THE HOURS OF OPERATION MAINTENANCE PRACTICE, AND HOURS OF USE.
[RULE 1470]

13. THE OPERATOR SHALL RECORDS OF PARTICULATE FILTER INSPECTIONS, REPLACEMENTS, AND MANUAL REGENERATIONS. THE OPERATOR SHALL MAINTAIN THESE RECORDS FOR A MINIMUM OF TWO YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER UPON REQUEST.
[RULE 1470]

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14. THE ENGINE SHALL NOT OPERATE BELOW THE PASSIVE REGENERATION TEMPERATURE (465 DEGREES FAHRENHEIT) FOR A PERIOD GREATER THAN 720 CONSECUTIVE MINUTES.
[RULE 1470]
15. THE MINIMUM NO_x/PM RATIO OF AT LEAST 8 SHALL BE MAINTAINED WITH A PREFERENCE OF 20 OR HIGHER.
[RULE 1470]
16. THE OPERATOR SHALL USE CALIFORNIA DIESEL FUEL WITH LESS THAN OR EQUAL TO 15 PPM SULFUR OR A BIODIESEL BLEND PROVIDED THAT THE BIODIESEL PORTION OF THE BLEND COMPLIES WITH ASTM D6751, THE DIESEL PORTION OF THE BLEND COMPLIES WITH TITLE 13 (CCR) SECTIONS 2281 AND 2282, AND THE BLEND CONTAINS NO MORE THAN 20 PERCENT BIODIESEL BY VOLUME.
[RULE 1470]
17. THE EMISSIONS FROM THIS EQUIPMENT SHALL COMPLY WITH THE FOLLOWING LIMITS:

| CONTAMINANT | EMISSION LIMIT (GM/BHP-HR) |
|------------------------------------|----------------------------|
| NITROGEN OXIDES (NO _x) | 2.6 |
| CARBON MONOXIDE (CO) | 2.6 |
| PARTICULATE MATTER (PM10) | 0.01 |
| VOLATILE ORGANIC COMPOUNDS (VOC) | 0.3 |

[RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

**Permit No. P/C
A/N 518259**

Equipment Description:

(Located at DeNeve)

INTERNAL COMBUSTION ENGINE, CATERPILLAR, 6 CYLINDERS, TURBOCHARGED, AFTERCOOLED, MODEL NO. C15, 856 BHP, DIESEL-FUELED, EQUIPPED WITH A DIESEL PARTICULATE FILTER, JOHNSON-MATTHEY, MODEL NO. CRT(+), DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

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]
8. 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 AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
5. THE OPERATION OF ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]
6. AN ENGINE OPERATING LOG SHALL BE KEPT AND SHALL DOCUMENT THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:
 - A. EMERGENCY USE.

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- B. MAINTENANCE AND TESTING.
- C. OTHER (DESCRIBE THE REASON FOR OPERATING).

IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TIME METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

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

- A. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
- B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)-MODELING AND OFFSET, RULE 1470]

8. THIS OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 431.2 AND RULE 1470.
[RULE 431.2, RULE 1470]
9. THIS ENGINE SHALL NOT BE OPERATED UNLESS ITS EXHAUST IS VENTED TO THE DIESEL PARTICULATE FILTER WHICH SHALL BE IN FULL OPERATION AND IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 1470]
10. THIS ENGINE SHALL OPERATE AT THE LOAD LEVEL REQUIRED TO ACHIEVE A MINIMUM EXHAUST TEMPERATURE (FOR FILTER REGENERATION) OF 465 DEGREES FAHRENHEIT FOR A MINIMUM OF 40 PERCENT OF TOTAL OPERATION TIME.
[RULE 1470]
11. REGENERATION OF THE CATALYST SHALL BE PERFORMED AFTER 24 COLD START-UPS WITH 30-MINUTE IDLE SESSIONS.
[RULE 1470]
12. THE OPERATOR SHALL INSPECT THE INTEGRITY OF THE FILTER AND CLEAN OR REPLACE SUCH FILTER EVERY 6 TO 12 MONTHS DEPENDING ON THE HOURS OF OPERATION MAINTENANCE PRACTICE, AND HOURS OF USE.
[RULE 1470]
13. THE OPERATOR SHALL RECORDS OF PARTICULATE FILTER INSPECTIONS, REPLACEMENTS, AND MANUAL REGENERATIONS. THE OPERATOR SHALL MAINTAIN THESE RECORDS FOR A MINIMUM OF TWO YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER UPON REQUEST.
[RULE 1470]

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14. THE ENGINE SHALL NOT OPERATE BELOW THE PASSIVE REGENERATION TEMPERATURE (465 DEGREES FAHRENHEIT) FOR A PERIOD GREATER THAN 720 CONSECUTIVE MINUTES.
[RULE 1470]
15. THE MINIMUM NO_x/PM RATIO OF AT LEAST 8 SHALL BE MAINTAINED WITH A PREFERENCE OF 20 OR HIGHER.
[RULE 1470]
16. THE OPERATOR SHALL USE CALIFORNIA DIESEL FUEL WITH LESS THAN OR EQUAL TO 15 PPM SULFUR OR A BIODIESEL BLEND PROVIDED THAT THE BIODIESEL PORTION OF THE BLEND COMPLIES WITH ASTM D6751, THE DIESEL PORTION OF THE BLEND COMPLIES WITH TITLE 13 (CCR) SECTIONS 2281 AND 2282, AND THE BLEND CONTAINS NO MORE THAN 20 PERCENT BIODIESEL BY VOLUME.
[RULE 1470]
17. THE EMISSIONS FROM THIS EQUIPMENT SHALL COMPLY WITH THE FOLLOWING LIMITS:
- | CONTAMINANT | EMISSION LIMIT (GM/BHP-HR) |
|------------------------------------|----------------------------|
| NITROGEN OXIDES (NO _x) | 2.6 |
| CARBON MONOXIDE (CO) | 2.6 |
| PARTICULATE MATTER (PM10) | 0.01 |
| VOLATILE ORGANIC COMPOUNDS (VOC) | 0.3 |
- [RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

**Permit No. P/C
A/N 523954**

Equipment Description:

(Located at Warren Hall)

BOILER, HURST, MODEL NO. S5-X-150-15, SERIAL NO. S750-15-48, FIRE TUBE, 5,850,000 BTU/HR, NATURAL GAS, EQUIPPED WITH A LOW NOX BURNER, POWER FLAME, MODEL NO. NP2-G-520, SERIAL NO. 071142219, AND A 5 HP COMBUSTION AIR BLOWER.

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 BOILER SHALL BE FUELED WITH NATURAL GAS ONLY
[RULE 1146]
4. THE OPERATOR SHALL INSTALL A FLOW METER TO ACCURATELY INDICATE THE FLOW RATE OF THE GAS AND SHALL RECORD THE HOURLY GAS BEING FIRED IN THE BOILER. THE MEASURING DEVICE SHALL CONTINUOUSLY MEASURE THE FLOW RATE AND SHALL BE ACCURATE TO WITHIN PLUS OR MINUS 5 PERCENT AND SHALL BE CALIBRATED ONCE EVERY 12 MONTHS. CALIBRATION RECORDS AND HOURLY FLOW RECORDS SHALL BE KEPT ON SITE AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]
5. THIS BOILER SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1146, INCLUDING THE SOURCE TESTING REQUIREMENTS OF RULE 1146(D)(6) AND (8).
[RULE 1146]
6. THIS BOILER SHALL NOT EMIT MORE THAN 9 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO₂, AND NOT MORE THAN 50 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN AND AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES.
[RULE 1146]
7. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS UNDER THE FOLLOWING CONDITIONS:
 - A. SOURCE TESTING SHALL BE CONDUCTED WITHIN 60 DAYS AFTER INITIAL START-UP UNLESS OTHERWISE APPROVED IN WRITING BY THE EXECUTIVE OFFICER.

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- B. THE SOURCE TESTS SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH THE NOX AND CO EMISSION LIMITS SPECIFIED IN CONDITION NO. 6.
- C. THE TESTS SHALL BE CONDUCTED WHILE THE BOILER IS FIRING AT MAXIMUM, AVERAGE, AND MINIMUM FIRING RATES.
- D. WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765) AT LEAST 10 DAYS PRIOR TO TESTING SO THAT AN OBSERVER MAY BE PRESENT.
- E. TWO COMPLETE COPIES OF THE SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT WITHIN 30 DAYS AFTER THE TEST. THE REPORT SHALL INCLUDE, BUT NOT BE LIMITED TO EMISSIONS RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE OUTLET OF THE HEATER, 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 FAHRENHEIT.
 - IV. THE OXYGEN CONTENT OF THE EXHAUST GASES, IN PERCENT.
 - V. THE FUEL FLOW RATE.
- F. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANT TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.
- G. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES PURSUANT TO RULE 217. [RULE 1146, RULE 1303(b)-OFFSET]

EMISSIONS AND REQUIREMENTS

- 8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
 - NOX: 9 PPMV, RULE 1146
 - CO: 50 PPMV, RULE 1146
 - CO: 2,000 PPMV, RULE 407
 - PM: 0.1 GR/DSCF, RULE 409
 - [RULE 1146, RULE 407, RULE 409]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

**Permit No. P/C
A/N 524888**

Equipment Description:

(Located at Sproul Landing)

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, 6 CYLINDER, TURBOCHARGED, AFTERCOOLED, MODEL NO. 6063-HV35, 635 BHP, DIESEL FUELED, EQUIPPED WITH A DIESEL PARTICULATE FILTER, JOHNSON-MATTHEY, MODEL NO. CRT(+), DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

Conditions 1 & 2 shall be standard conditions.

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 AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.
[RULE 1304(a)(4), RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)(4), RULE 1470]
5. THE OPERATION OF ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304(a)(4)]

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6. AN ENGINE OPERATING LOG SHALL BE KEPT AND SHALL DOCUMENT THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:

- A. EMERGENCY USE.
- B. MAINTENANCE AND TESTING.
- C. OTHER (DESCRIBE THE REASON FOR OPERATING).

IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TIME METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.
[RULE 1304(a)(4), RULE 1470]

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

- A. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
- B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST.
[RULE 1303 (b)(2)-OFFSET, RULE 1304(a)(4), RULE 1470]

8. THIS OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 431.2 AND RULE 1470.

[RULE 431.2, RULE 1470]

9. THIS ENGINE SHALL NOT BE OPERATED UNLESS ITS EXHAUST IS VENTED TO THE DIESEL PARTICULATE FILTER WHICH SHALL BE IN FULL OPERATION AND IN GOOD OPERATING CONDITION AT ALL TIMES.

[RULE 1470]

10. THIS ENGINE SHALL OPERATE AT THE LOAD LEVEL REQUIRED TO ACHIEVE A MINIMUM EXHAUST TEMPERATURE (FOR FILTER REGENERATION) OF 250 DEGREES C FOR A MINIMUM OF 40 PERCENT OF TOTAL OPERATION TIME.

[RULE 1470]

11. REGENERATION OF THE CATALYST SHALL BE PERFORMED AFTER 24 COLD START-UPS WITH 30-MINUTE IDLE SESSIONS.

[RULE 1470]

12. THE OPERATOR SHALL INSPECT THE INTEGRITY OF THE FILTER AND CLEAN OR REPLACE SUCH FILTER EVERY 6 TO 12 MONTHS DEPENDING ON THE HOURS OF OPERATION MAINTENANCE PRACTICE, AND HOURS OF USE.

[RULE 1470]

13. THE OPERATOR SHALL RECORDS OF PARTICULATE FILTER INSPECTIONS, REPLACEMENTS, AND MANUAL REGENERATIONS. THE OPERATOR SHALL MAINTAIN THESE RECORDS FOR A MINIMUM OF TWO YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER UPON REQUEST.

[RULE 1470]

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14. THE MINIMUM NO_x/PM RATIO OF AT LEAST 20 SHALL BE MAINTAINED WITH A PREFERENCE FOR A HIGHER RATIO.
[RULE 1470]
15. THE OPERATOR SHALL USE CALIFORNIA DIESEL FUEL WITH LESS THAN OR EQUAL TO 15 PPM SULFUR.
[RULE 431.2]
16. THE EMISSIONS FROM THIS EQUIPMENT SHALL COMPLY WITH THE FOLLOWING LIMITS:

| CONTAMINANT | EMISSION LIMIT (GM/BHP-HR) |
|------------------------------------|----------------------------|
| NITROGEN OXIDES (NO _x) | 1.5 |
| CARBON MONOXIDE (CO) | 2.6 |
| PATICULATE MATTER (PM10) | 0.002 |
| VOLATILE ORGANIC COMPOUNDS (VOC) | 0.14 |

[RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

Permit No. P/C
A/N 524885

Equipment Description:

(Located at Sproul Cove)

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, 6 CYLINDER, TURBOCHARGED, AFTERCOOLED, MODEL NO. 6063-HV35, 635 BHP, DIESEL FUELED, EQUIPPED WITH A DIESEL PARTICULATE FILTER, JOHNSON-MATTHEY, MODEL NO. CRT(+), DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

Conditions 1 & 2 shall be standard conditions.

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 AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.
[RULE 1304(a)(4), RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)(4), RULE 1470]
5. THE OPERATION OF ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304(a)(4)]
6. AN ENGINE OPERATING LOG SHALL BE KEPT AND SHALL DOCUMENT THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:
 - A. EMERGENCY USE.
 - B. MAINTENANCE AND TESTING.
 - C. OTHER (DESCRIBE THE REASON FOR OPERATING).

IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TIME METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.
[RULE 1304(a)(4), RULE 1470]

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

- A. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
- B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST. [RULE 1303 (b)(2)-OFFSET, RULE 1304(a)(4), RULE 1470]

8. THIS OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 431.2 AND RULE 1470.
[RULE 431.2, RULE 1470]

9. THIS ENGINE SHALL NOT BE OPERATED UNLESS ITS EXHAUST IS VENTED TO THE DIESEL PARTICULATE FILTER WHICH SHALL BE IN FULL OPERATION AND IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 1470]

10. THIS ENGINE SHALL OPERATE AT THE LOAD LEVEL REQUIRED TO ACHIEVE A MINIMUM EXHAUST TEMPERATURE (FOR FILTER REGENERATION) OF 250 DEGREES C FOR A MINIMUM OF 40 PERCENT OF TOTAL OPERATION TIME.
[RULE 1470]

11. REGENERATION OF THE CATALYST SHALL BE PERFORMED AFTER 24 COLD START-UPS WITH 30-MINUTE IDLE SESSIONS.
[RULE 1470]

12. THE OPERATOR SHALL INSPECT THE INTEGRITY OF THE FILTER AND CLEAN OR REPLACE SUCH FILTER EVERY 6 TO 12 MONTHS DEPENDING ON THE HOURS OF OPERATION MAINTENANCE PRACTICE, AND HOURS OF USE.
[RULE 1470]

13. THE OPERATOR SHALL RECORDS OF PARTICULATE FILTER INSPECTIONS, REPLACEMENTS, AND MANUAL REGENERATIONS. THE OPERATOR SHALL MAINTAIN THESE RECORDS FOR A MINIMUM OF TWO YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER UPON REQUEST.
[RULE 1470]

14. THE MINIMUM NO_x/PM RATIO OF AT LEAST 20 SHALL BE MAINTAINED WITH A PREFERENCE FOR A HIGHER RATIO.
[RULE 1470]

15. THE OPERATOR SHALL USE CALIFORNIA DIESEL FUEL WITH LESS THAN OR EQUAL TO 15 PPM SULFUR.
[RULE 431.2]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

16. THE EMISSIONS FROM THIS EQUIPMENT SHALL COMPLY WITH THE FOLLOWING LIMITS:

| CONTAMINANT | EMISSION LIMIT (GM/BHP-HR) |
|------------------------------------|----------------------------|
| NITROGEN OXIDES (NO _x) | 1.5 |
| CARBON MONOXIDE (CO) | 2.6 |
| PATICULATE MATTER (PM10) | 0.002 |
| VOLATILE ORGANIC COMPOUNDS (VOC) | 0.14 |
| [RULE 1470] | |

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

**Permit No. P/C
A/N 524890**

Equipment Description:

(Located at Sproul Presidio)

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, 12 CYLINDER, TURBOCHARGED, AFTERCOOLED, MODEL NO. T1238A36, 2,328 BHP, DIESEL FUELED, EQUIPPED WITH A DIESEL PARTICULATE FILTER, JOHNSON-MATTHEY, MODEL NO. CRT(+), DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

Conditions 1 & 2 shall be standard conditions.

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 AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.
[RULE 1304(a)(4), RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)(4), RULE 1470]
5. THE OPERATION OF ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304(a)(4)]
6. AN ENGINE OPERATING LOG SHALL BE KEPT AND SHALL DOCUMENT THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:
 - A. EMERGENCY USE.
 - B. MAINTENANCE AND TESTING.
 - C. OTHER (DESCRIBE THE REASON FOR OPERATING).

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

[RULE 1304(a)(4), RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

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

- A. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
- B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST. [RULE 1303 (b)(2)-OFFSET, RULE 1304(a)(4), RULE 1470]

8. THIS OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 431.2 AND RULE 1470.
[RULE 431.2, RULE 1470]

9. THIS ENGINE SHALL NOT BE OPERATED UNLESS ITS EXHAUST IS VENTED TO THE DIESEL PARTICULATE FILTER WHICH SHALL BE IN FULL OPERATION AND IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 1470]

10. THIS ENGINE SHALL OPERATE AT THE LOAD LEVEL REQUIRED TO ACHIEVE A MINIMUM EXHAUST TEMPERATURE (FOR FILTER REGENERATION) OF 250 DEGREES C FOR A MINIMUM OF 40 PERCENT OF TOTAL OPERATION TIME.
[RULE 1470]

11. REGENERATION OF THE CATALYST SHALL BE PERFORMED AFTER 24 COLD START-UPS WITH 30-MINUTE IDLE SESSIONS.
[RULE 1470]

12. THE OPERATOR SHALL INSPECT THE INTEGRITY OF THE FILTER AND CLEAN OR REPLACE SUCH FILTER EVERY 6 TO 12 MONTHS DEPENDING ON THE HOURS OF OPERATION MAINTENANCE PRACTICE, AND HOURS OF USE.
[RULE 1470]

13. THE OPERATOR SHALL RECORDS OF PARTICULATE FILTER INSPECTIONS, REPLACEMENTS, AND MANUAL REGENERATIONS. THE OPERATOR SHALL MAINTAIN THESE RECORDS FOR A MINIMUM OF TWO YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER UPON REQUEST.
[RULE 1470]

14. THE MINIMUM NO_x/PM RATIO OF AT LEAST 20 SHALL BE MAINTAINED WITH A PREFERENCE FOR A HIGHER RATIO.
[RULE 1470]

15. THE OPERATOR SHALL USE CALIFORNIA DIESEL FUEL WITH LESS THAN OR EQUAL TO 15 PPM SULFUR.
[RULE 431.2]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

16. THE EMISSIONS FROM THIS EQUIPMENT SHALL COMPLY WITH THE FOLLOWING LIMITS:

| CONTAMINANT | EMISSION LIMIT (GM/BHP-HR) |
|---------------------------------------|----------------------------|
| NITROGEN OXIDES (NO _x) | 0.5 |
| CARBON MONOXIDE (CO) | 2.6 |
| PATICULATE MATTER (PM ₁₀) | 0.01 |
| VOLATILE ORGANIC COMPOUNDS (VOC) | 0.3 |
| [RULE 1470] | |

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

Permit No. P/C
A/N 525289

Equipment Description:

(Located at Wasserman)

INTERNAL COMBUSTION ENGINE, KOHLER, 6 CYLINDER, TURBOCHARGED, AFTERCOOLED, MODEL NO. D50016.1B65, 757 BHP, DIESEL FUELED, EQUIPPED WITH A DIESEL PARTICULATE FILTER, JOHNSON-MATTHEY, MODEL NO. CRT(+), DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

Conditions 1 & 2 shall be standard conditions.

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 AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.
[RULE 1304(a)(4), RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)(4), RULE 1470]
5. THE OPERATION OF ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304(a)(4)]
6. AN ENGINE OPERATING LOG SHALL BE KEPT AND SHALL DOCUMENT THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:
 - A. EMERGENCY USE.
 - B. MAINTENANCE AND TESTING.
 - C. OTHER (DESCRIBE THE REASON FOR OPERATING).

IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TIME METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.
[RULE 1304(a)(4), RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

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

- A. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
- B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST. [RULE 1303 (b)(2)-OFFSET, RULE 1304(a)(4), RULE 1470]

8. THIS OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 431.2 AND RULE 1470.
[RULE 1470]

9. THIS ENGINE SHALL NOT BE OPERATED UNLESS ITS EXHAUST IS VENTED TO THE DIESEL PARTICULATE FILTER WHICH SHALL BE IN FULL OPERATION AND IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 1470]

10. THIS ENGINE SHALL OPERATE AT THE LOAD LEVEL REQUIRED TO ACHIEVE A MINIMUM EXHAUST TEMPERATURE (FOR FILTER REGENERATION) OF 250 DEGREES C FOR A MINIMUM OF 40 PERCENT OF TOTAL OPERATION TIME.
[RULE 1470]

11. REGENERATION OF THE CATALYST SHALL BE PERFORMED AFTER 24 COLD START-UPS WITH 30-MINUTE IDLE SESSIONS.
[RULE 1470]

12. THE OPERATOR SHALL INSPECT THE INTEGRITY OF THE FILTER AND CLEAN OR REPLACE SUCH FILTER EVERY 6 TO 12 MONTHS DEPENDING ON THE HOURS OF OPERATION MAINTENANCE PRACTICE, AND HOURS OF USE.
[RULE 1470]

13. THE OPERATOR SHALL RECORDS OF PARTICULATE FILTER INSPECTIONS, REPLACEMENTS, AND MANUAL REGENERATIONS. THE OPERATOR SHALL MAINTAIN THESE RECORDS FOR A MINIMUM OF TWO YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER UPON REQUEST.
[RULE 1470]

14. THE MINIMUM NO_x/PM RATIO OF AT LEAST 20 SHALL BE MAINTAINED WITH A PREFERENCE FOR A HIGHER RATIO.
[RULE 1470]

15. THE OPERATOR SHALL USE CALIFORNIA DIESEL FUEL WITH LESS THAN OR EQUAL TO 15 PPM SULFUR.
[RULE 431.2]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

16. THE EMISSIONS FROM THIS EQUIPMENT SHALL COMPLY WITH THE FOLLOWING LIMITS:

| CONTAMINANT | EMISSION LIMIT (GM/BHP-HR) |
|------------------------------------|----------------------------|
| NITROGEN OXIDES (NO _x) | 2.6 |
| CARBON MONOXIDE (CO) | 2.6 |
| PATICULATE MATTER (PM10) | 0.01 |
| VOLATILE ORGANIC COMPOUNDS (VOC) | 0.3 |
| [RULE 1470] | |

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

Permit No. P/C
A/N 527483

Equipment Description

MODIFICATION TO THE EXISTING BOILER DESCRIBED BY P/N D71162 BELOW,

BOILER, CLEAVER BROOKS, FIRETUBE TYPE, MODEL CB700-300, RATED AT 12,555,000 BTU PER HOUR, NATURAL GAS FIRED, WITH A CLEAVER BROOKS BURNER AND A FORCED FLUE GAS RECIRCULATION SYSTEM (LOCATED AT THE MEDICAL PLAZA)

BY THE REMOVAL OF THE EXISTING LOW NOX BURNER, CLEAVER BROOKS, AND THE ADDITION OF A NEW LOW NOX BURNER, POWER FLAME, MODEL NO. NVC8CBR-G-30, 12,000,000 BTU/HR

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. ON OR AFTER JANUARY 1, 2013, THIS BOILER SHALL NOT EMIT MORE THAN 9 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO₂, AND NOT MORE THAN 400 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN AND AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES.
[RULE 1146, RULE 1303(b)(2)-OFFSET]
4. THIS BOILER SHALL NOT BE OPERATED UNLESS THE FLUE GAS RECIRCULATION SYSTEM IS IN FULL OPERATION. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL USE WITHIN ONE MINUTE AFTER THE MAIN FLAME IS ESTABLISHED.
[RULE 1146, RULE 1303(b)(2)-OFFSET]
5. THIS BOILER SHALL BE FIRED EXCLUSIVELY ON NATURAL GAS.
[RULE 1146]
6. THIS BOILER SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1146, INCLUDING THE SOURCE TESTING REQUIREMENTS OF RULE 1146(D)(6) AND (8).
[RULE 1146]
7. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS UNDER THE FOLLOWING CONDITIONS:

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

- A. SOURCE TESTING SHALL BE CONDUCTED WITHIN 60 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 NOX AND CO EMISSION LIMITS SPECIFIED IN CONDITION NO. 3.
- C. THE TESTS SHALL BE CONDUCTED WHILE THE BOILER IS FIRING AT MAXIMUM, AVERAGE, AND MINIMUM FIRING RATES.
- D. WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765) AT LEAST 10 DAYS PRIOR TO TESTING SO THAT AN OBSERVER MAY BE PRESENT.
- E. TWO COMPLETE COPIES OF THE SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT WITHIN 30 DAYS AFTER THE TEST. THE REPORT SHALL INCLUDE, BUT NOT BE LIMITED TO EMISSIONS RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE OUTLET OF THE HEATER, 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 FAHRENHEIT.
 - iv. THE OXYGEN CONTENT OF THE EXHAUST GASES, IN PERCENT.
 - v. THE FUEL FLOW RATE.
- F. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANT TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.
- G. 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]

EMISSIONS AND REQUIREMENTS

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

NOX: 9 PPMV, RULE 1146
CO: 400 PPMV, RULE 1146
CO: 2,000 PPMV, RULE 407
PM: 0.1 GR/DSCF, RULE 409
[RULE 1146, RULE 407, RULE 409]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

Permit No. P/C
A/N 527493

Equipment Description

MODIFICATION TO THE EXISTING BOILER DESCRIBED BY P/N D71165 BELOW,

BOILER, CLEAVER BROOKS, FIRETUBE TYPE, MODEL CB700-300, RATED AT 12,555,000 BTU PER HOUR, NATURAL GAS FIRED, WITH A CLEAVER BROOKS BURNER AND A FORCED FLUE GAS RECIRCULATION SYSTEM (LOCATED AT THE MEDICAL PLAZA)

BY THE REMOVAL OF THE EXISTING LOW NOX BURNER, CLEAVER BROOKS, AND THE ADDITION OF A NEW LOW NOX BURNER, POWER FLAME, MODEL NO. NVC8CBR-G-30, 12,000,000 BTU/HR

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. ON OR AFTER JANUARY 1, 2013, THIS BOILER SHALL NOT EMIT MORE THAN 9 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO₂, AND NOT MORE THAN 400 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN AND AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES.
[RULE 1146, RULE 1303(b)(2)-OFFSET]
4. THIS BOILER SHALL NOT BE OPERATED UNLESS THE FLUE GAS RECIRCULATION SYSTEM IS IN FULL OPERATION. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL USE WITHIN ONE MINUTE AFTER THE MAIN FLAME IS ESTABLISHED.
[RULE 1146, RULE 1303(b)(2)-OFFSET]
5. THIS BOILER SHALL BE FIRED EXCLUSIVELY ON NATURAL GAS.
[RULE 1146]
6. THIS BOILER SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1146, INCLUDING THE SOURCE TESTING REQUIREMENTS OF RULE 1146(D)(6) AND (8).
[RULE 1146]
7. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS UNDER THE FOLLOWING CONDITIONS:

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

- A. SOURCE TESTING SHALL BE CONDUCTED WITHIN 60 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 NOX AND CO EMISSION LIMITS SPECIFIED IN CONDITION NO. 3.
- C. THE TESTS SHALL BE CONDUCTED WHILE THE BOILER IS FIRING AT MAXIMUM, AVERAGE, AND MINIMUM FIRING RATES.
- D. WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765) AT LEAST 10 DAYS PRIOR TO TESTING SO THAT AN OBSERVER MAY BE PRESENT.
- E. TWO COMPLETE COPIES OF THE SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT WITHIN 30 DAYS AFTER THE TEST. THE REPORT SHALL INCLUDE, BUT NOT BE LIMITED TO EMISSIONS RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE OUTLET OF THE HEATER, 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 FAHRENHEIT.
 - iv. THE OXYGEN CONTENT OF THE EXHAUST GASES, IN PERCENT.
 - v. THE FUEL FLOW RATE.
- F. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANT TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.
- G. 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]

EMISSIONS AND REQUIREMENTS

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

NOX: 9 PPMV, RULE 1146
CO: 400 PPMV, RULE 1146
CO: 2,000 PPMV, RULE 407
PM: 0.1 GR/DSCF, RULE 409
[RULE 1146, RULE 407, RULE 409]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

**Permit No. G20947
A/N 534246**

Equipment Description

ETHYLENE OXIDE GAS STERILIZER, ANPROLENE MODEL AN74ix, 1'-2" W. X 2'-5" L. X 2'-0" H. (INTERNAL DIMENSIONS), EQUIPPED WITH A 1.5 KW ELECTRICALLY HEATED CHAMBER, AND A 1.71 CFM EXHAUST BLOWER VENTED TO THE ETHYLENE OXIDE ABATEMENT SYSTEM ISSUED A PERMIT TO CONSTRUCT UNDER A/N 534248

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 EQUIPMENT SHALL NOT OPERATE UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO CONSTRUCT BY THE EXECUTIVE OFFICER.
[RULE 1405, RULE 1401]
4. THE ETHYLENE OXIDE USAGE FOR THE STERILIZER SHALL NOT EXCEED 30 AMPOULES (EQUIVALENT TO 525 GRAMS OF ETHYLENE OXIDE) PER CALENDAR YEAR.
[RULE 1303(a) – BACT, RULE 1401, RULE 1405]
5. THE OWNER OR OPERATOR SHALL MAINTAIN RECORDS FOR THE FOLLOWING:
 - A. DOCUMENTATION AND RESULTS OF THE LEAK TESTS,
 - B. THE NUMBER OF STERILIZER CYCLES AND THE AMOUNT OF ETHYLENE OXIDE USED PER CYCLE FOR THE STERILIZER EACH DAY. THE AMOUNT USED SHALL BE TOTALED FOR EACH MONTH.

RECORDS SHALL BE KEPT FOR A PERIOD OF FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 1405]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

Periodic Monitoring:

6. THE OWNER OR OPERATOR SHALL CONDUCT LEAK TESTS IN ACCORDANCE WITH ARB TEST METHOD 21 USING A PORTABLE FLAME IONIZATION DETECTOR OR A NON-DISPERSIVE INFRARED ANALYZER CALIBRATED WITH METHANE. THE MONITORING EQUIPMENT SHALL BE CALIBRATED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. THE MAXIMUM STERILANT GAS FLOW SHALL BE 10 PPM AS MEASURED ONE CENTIMETER AWAY FROM ANY PORTION OF THE EXHAUST SYSTEM AND ETHYLENE OXIDE SUPPLY SYSTEM INCLUDING, BUT NOT LIMITED TO, ANY PIPING, DUCTING, FITTINGS, VALVES, OR FLANGES, THROUGH WHICH ETHYLENE OXIDE-CONTAMINATED AIR IS CONVEYED BETWEEN THE STERILIZER AND CONTROL DEVICE. LEAK TESTS SHALL BE CONDUCTED EVERY SIX MONTHS DURING CONDITIONS OF MAXIMUM STERILANT GAS MASS FLOW.
[RULE 1405]

Emissions And Requirements:

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

ETHYLENE OXIDE: RULE 1405, SEE RULE FOR APPLICABLE REQUIREMENTS

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

Permit No. G20948
A/N 534248

Equipment Description

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. ETHYLENE OXIDE ABATEMENT SYSTEM, ANPROLENE ABATOR, MODEL AN5100, DEPTH: 0'-9"
HEIGHT: 1'-9"
2. DOWEX MONOSPHERE M-31 (H) REGENERATIVE ADSORBENT MATERIAL, 14.5 LBS.

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 CONTROL SYSTEM SHALL HAVE A MINIMUM CONTROL EFFICIENCY OF 99% FOR ETHYLENE OXIDE DURING THE STERIZATION PROCESS OR SHALL NOT EXCEED 0.1 PPM-ETHYLENE OXIDE AT THE OUTLET.
[RULE 1405]
4. THE OWNER OR OPERATOR SHALL REMOVE AND REPLACE THE SPENT REACTANT MEDIA (OR CARTRIDGE) WITH FRESH REACTANT MEDIA (OR CARTRIDGE) AFTER EVERY 200 STERILIZATION CYCLES (EQUIVALENT TO 3,500 GRAMS OF ETHYLENE OXIDE OR 200 AMPOULES).
[RULE 1405]
5. THE OWNER OR OPERATOR SHALL MAINTAIN RECORDS FOR THE FOLLOWING:
 - A. DOCUMENTATION AND RESULTS OF THE LEAK TESTS,
 - B. THE NUMBER OF STERILIZER CYCLES AND THE AMOUNT OF ETHYLENE OXIDE USED PER CYCLE FOR THE STERILIZER EACH DAY. THE AMOUNT USED SHALL BE TOTALED FOR EACH MONTH.
 - C. DOCUMENTATION OF REACTANT MEDIA REPLACEMENT.

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

RECORDS SHALL BE KEPT FOR A PERIOD OF FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1405]

6. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT AN INITIAL SOURCE TEST, AND ANNUALLY THEREAFTER, ON THE CONTROL EQUIPMENT TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 3, UNDER THE FOLLOWING CONDITIONS:
 - A. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT ENGINEER IDENTIFIED ON THE PERMIT TO CONSTRUCT NO LATER THAN 30 DAYS BEFORE THE PROPOSED TEST DATE AND SHALL BE APPROVED BY THE DISTRICT BEFORE THE TEST COMMENCES.
 - B. THE SOURCE TEST SHALL DETERMINE CONTROL EFFICIENCY FOR THE STERILIZATION PHASE IN ACCORDANCE WITH ARB TEST METHOD 431. THE TEST SHALL BE RUN UNDER CONDITIONS OF MAXIMUM ETHYLENE OXIDE MASS FLOW TO THE DEVICE, UNDER NORMAL OPERATING CONDITIONS.
 - C. THE INLET AND OUTLET OF THE CONTROL DEVICE SHALL BE SAMPLED SIMULTANEOUSLY.
 - D. THE SOURCE TEST SHALL DETERMINE THE FOLLOWING:
 1. THE ETHYLENE CONCENTRATION IN PPMV AND MASS EMISSION RATE IN POUNDS PER HOUR AT THE INLET AND OUTLET OF THE CONTROL DEVICE;
 2. FLOW RATES, AND
 3. ETHYLENE OXIDE USAGE RATES.
 - E. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANT TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.
[RULE 1405]
7. THE TEST SHALL BE CONDUCTED WITHIN 60 DAYS OF INITIAL OPERATION AND A WRITTEN TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT WITHIN 30 DAYS OF COMPLETION OF THE TEST. TWO COMPLETE COPIES OF SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, ATTN: KENNETH L. COATS, PO BOX 4941, DIAMOND BAR, CA 91765-4178) WITHIN 45 DAYS AFTER THE TEST.
[RULE 1405]
8. THE DISTRICT ENGINEER IDENTIFIED ON THE PERMIT TO CONSTRUCT SHALL BE NOTIFIED OF THE DATE AND TIME OF THE TEST AT LEAST 10 DAYS PRIOR TO THE TEST, OR WITHIN A TIMEFRAME AGREED UPON BY THE DISTRICT ENGINEER.
[RULE 1405]
9. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.
[RULE 217]

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Periodic Monitoring:

10. THE OWNER OR OPERATOR SHALL CONDUCT LEAK TESTS IN ACCORDANCE WITH ARB TEST METHOD 21 USING A PORTABLE FLAME IONIZATION DETECTOR OR A NON-DISPERSIVE INFRARED ANALYZER CALIBRATED WITH METHANE. THE MONITORING EQUIPMENT SHALL BE CALIBRATED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. THE MAXIMUM STERILANT GAS FLOW SHALL BE 10 PPM AS MEASURED ONE CENTIMETER AWAY FROM ANY PORTION OF THE EXHAUST SYSTEM AND ETHYLENE OXIDE SUPPLY SYSTEM INCLUDING, BUT NOT LIMITED TO, ANY PIPING, DUCTING, FITTINGS, VALVES, OR FLANGES, THROUGH WHICH ETHYLENE OXIDE-CONTAMINATED AIR IS CONVEYED BETWEEN THE STERILIZER AND CONTROL DEVICE. LEAK TESTS SHALL BE CONDUCTED EVERY SIX MONTHS DURING CONDITIONS OF MAXIMUM STERILANT GAS MASS FLOW.
[RULE 1405]

Emissions And Requirements:

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

ETHYLENE OXIDE: RULE 1405, SEE RULE FOR APPLICABLE REQUIREMENTS

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

**Permit No. G20949
A/N 531162**

Equipment Description

BOILER, (AUXILIARY), ZURN/KEYSTONE, MODEL NO. 1832, 224.4 MILLION BTU PER HOUR, WITH LOW NOX BURNER, COEN MODEL TODD D-RMB, 224.96 MMBTU/HR, NATURAL GAS OR FUEL OIL, FLUE GAS RECIRCULATION SYSTEM, AND OXYGEN TRIM, BACKUP TO THE COGENERATION SYSTEM

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. ON OR AFTER JANUARY 1, 2013, THIS BOILER, WHEN FIRING ON NATURAL GAS, SHALL NOT EMIT MORE THAN 9 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO₂, AND NOT MORE THAN 400 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN AND AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES.
[RULE 1146, RULE 1303(B)(2)-OFFSET]
4. ON OR AFTER JANUARY 1, 2013, THIS BOILER, WHEN FIRING ON FUEL OIL, SHALL NOT EMIT MORE THAN 30 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO₂, AND NOT MORE THAN 400 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN AND AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES.
[RULE 1146, RULE 1303(B)(2)-OFFSET]
5. THE OPERATOR SHALL NOT PURCHASE FUEL OIL WITH A SULFUR CONTENT GREATER THAN 15 PPM BY WEIGHT.
[RULE 431.2]
6. THIS BOILER SHALL BE EQUIPPED WITH A FLOW MONITORING DEVICE WHICH SHALL MEASURE AND RECORD EACH FUEL (BOTH NATURAL GAS AND FUEL OIL) CONSUMPTION (IN MILLION BTU'S PER HOUR).
[RULE 1146]
7. THIS BOILER SHALL NOT BE OPERATED UNLESS THE FLUE GAS RECIRCULATION SYSTEM IS IN FULL OPERATION.

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

8. THIS BOILER SHALL BE FIRED EXCLUSIVELY ON NATURAL GAS OR FUEL OIL WITH A SULFUR CONTENT OF NO GREATER THAN 0.05 PERCENT BY WEIGHT.
[RULE 1146, RULE 431.2]
9. THIS BOILER SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1146, INCLUDING THE SOURCE TESTING REQUIREMENTS OF RULE 1146(D)(6) AND (8).
[RULE 1146]
10. A CONTINUOUS MONITORING SYSTEM SHALL BE MAINTAINED AND OPERATED TO MEASURE OVER A FIFTEEN MINUTE AVERAGE TIME PERIOD, AND RECORD THE BOILER EXHAUST STACK FOR NOX, CO, AND O2 CONCENTRATIONS, ON A DRY BASIS. THE SYSTEM SHALL ALSO CONVERT THE ACTUAL NOX AND CO CONCENTRATIONS TO A CORRECTED CONCENTRATION AT 3 PERCENT OXYGEN, ON A DRY BASIS, AND CONTINUOUSLY RECORD THE CORRECTED STACK NOX AND CO CONCENTRATIONS. IN ADDITION, THE SYSTEM SHALL MONITOR AND RECORD THE DAILY NOX, AND CO EMISSIONS IN POUNDS PER DAY FROM THE BOILER. THIS MONITORING SYSTEM SHALL BE CERTIFIED TO COMPLY WITH THE REQUIREMENTS OF RULE 218.
[RULE 218]
11. ONLY ONE OF THE TWO GAS TURBINES (NO. 1 AND NO. 2) MAY OPERATE SIMULTANEOUSLY WITH THIS BOILER.
[RULE 1303(B)(2)-OFFSET]
12. WHEN THE BOILER IS FIRING NATURAL GAS, THE EMISSIONS FROM THE BOILER EXHAUST STACK, EXCEPT DURING START-UPS AND SHUTDOWNS, SHALL NOT EXCEED THE FOLLOWING POUND PER DAY LIMITS:
- | ROG (AS CH4) | NOX | SOX | CO | PM |
|--------------|-----|-----|-----|----|
| 40 | 301 | 3 | 230 | 29 |
- [RULE 1303(B)(2)-OFFSET]
13. WHEN THE BOILER IS FIRING NATURAL GAS, THE EMISSIONS FROM THE BOILER EXHAUST STACK, EXCEPT DURING START-UPS AND SHUTDOWNS, SHALL NOT EXCEED THE FOLLOWING POUND PER HOUR LIMITS:
- | ROG (AS CH4) | NOX | SOX | CO | PM |
|--------------|------|------|-----|-----|
| 1.7 | 12.5 | 0.13 | 9.6 | 1.2 |
- [RULE 1303(B)(2)-OFFSET]
14. WHEN THE BOILER IS FIRING FUEL OIL, THE EMISSIONS FROM THE BOILER EXHAUST STACK, EXCEPT DURING START-UPS AND SHUTDOWNS, SHALL NOT EXCEED THE FOLLOWING POUND PER DAY LIMITS:
- | ROG (AS CH4) | NOX | SOX | CO | PM |
|--------------|-----|-----|-----|-----|
| 37 | 298 | 276 | 192 | 201 |
- [RULE 1303(B)(2)-OFFSET]

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15. WHEN THE BOILER IS FIRING FUEL OIL, THE EMISSIONS FROM THE BOILER EXHAUST STACK, EXCEPT DURING START-UPS AND SHUTDOWNS, SHALL NOT EXCEED THE FOLLOWING POUND PER HOUR LIMITS:

| ROG (AS CH ₄) | NOX | SOX | CO | PM |
|---------------------------|------|------|----|-----|
| 1.5 | 12.4 | 11.5 | 8 | 8.4 |

[RULE 1303(B)(2)-OFFSET]

16. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS UNDER THE FOLLOWING CONDITIONS:
- A. SOURCE TESTING SHALL BE CONDUCTED BY JUNE 30, 2013.
 - B. THE SOURCE TESTS SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH THE NOX AND CO EMISSION LIMITS SPECIFIED IN CONDITION NO. 3.
 - C. THE TESTS SHALL BE CONDUCTED WHILE THE BOILER IS FIRING AT MAXIMUM, AVERAGE, AND MINIMUM FIRING RATES.
 - D. TWO COMPLETE COPIES OF THE SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT WITHIN 30 DAYS AFTER THE TEST. THE REPORT SHALL INCLUDE, BUT NOT BE LIMITED TO EMISSIONS RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE OUTLET OF THE HEATER, 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 FAHRENHEIT.
 - iv. THE OXYGEN CONTENT OF THE EXHAUST GASES, IN PERCENT.
 - v. THE FUEL FLOW RATE.
 - E. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANT TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.
 - F. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES PURSUANT TO RULE 217.
 - G. WRITTEN RESULTS OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765)
[RULE 1146, RULE 1303(B)(2)-OFFSET]
17. THE MAXIMUM TOTAL QUANTITY OF THE FUEL USED SHALL NOT EXCEED THE EQUIVALENT OF 224 MILLION BTU'S PER HOUR BASED ON THE LOWER HEATING VALUE OF THE FUEL.
[RULE 1146, RULE 1303(B)(2)-OFFSET]

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18. THE MAXIMUM TOTAL QUANTITY OF THE FUEL USED SHALL NOT EXCEED THE EQUIVALENT OF 490,560 MILLION BTU'S IN ANY ONE YEAR BASED ON THE LOWER HEATING VALUE OF THE FUEL.
[RULE 1146, RULE 1303(B)(2)-OFFSET]
19. ALL CONCENTRATIONS OF GASEOUS EMISSIONS SHALL BE EXPRESSED IN PARTS PER MILLION BY VOLUME CORRECTED TO 3 PERCENT OXYGEN DRY AND SHALL BE MEASURED OVER FOUR CONSECUTIVE 15 MINUTE AVERAGE TIME PERIODS IN ANY ONE HOUR.
[RULE 1146]
20. THE OPERATOR SHALL KEEP THE FOLLOWING RECORDS:
- A. DATES AND TIMES OF START-UPS AND SHUTDOWNS
 - B. QUANTITY OF NATURAL GAS AND FUEL OIL BURNED
 - C. DAILY LOG SHOWING THE REASONS WHY NATURAL GAS WAS NOT USED AND THE NUMBER OF HOURS DURING WHICH BACK-UP FUEL WAS USED
 - D. THE RESULTS FROM THE MONITORS REQUIRED BY PERMIT CONDITION NOS. 4 AND 8.

RECORDS OF THE OPERATION OF THE BOILER SHALL BE MAINTAINED BY UCLA AND SHALL BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
[RULE 1303(B)(2)-OFFSET, 40 CFR 60.48c(g)(2)]

EMISSIONS AND REQUIREMENTS

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

NOX: 9 PPMV, RULE 1146 (NATURAL GAS)
NOX: 30 PPMV, RULE 1146 (FUEL OIL)
CO: 400 PPMV, RULE 1146
CO: 2,000 PPMV, RULE 407
PM: 0.1 GR/DSCF, RULE 409
[RULE 1146, RULE 407, RULE 409, 40 CFR 60 Subpart Db]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

**Permit No. DRAFT
A/N 541899**

Equipment Description

INTERNAL COMBUSTION ENGINE, JOHN DEERE, 6 CYLINDERS, TURBOCHARGED/AFTERCOOLED, MODEL 6135HF485T, 538 BHP, DIESEL FUELED, LEAN BURN, EQUIPPED WITH A DIESEL PARTICULATE FILTER, MIRATECH, COMBIKAT CBS, DRIVING AN EMERGENCY ELECTRICAL GENERATOR

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 AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.
[RULE 1303(b)(2) – OFFSET]
4. AN OPERATIONAL NON-RESETTING TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
{RULE 1303(a) – BACT}
5. THE OPERATION OF ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1303(b)(2) – OFFSET]

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6. AN ENGINE OPERATING LOG SHALL BE KEPT AND SHALL DOCUMENT THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:
- A. EMERGENCY USE.
 - B. MAINTENANCE AND TESTING.
 - C. OTHER (DESCRIBE THE REASON FOR OPERATING).

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

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

ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST.
[RULE 1303(b)(2) - OFFSET]

8. THIS OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 431.2 AND RULE 1470.
[RULE 431.2, RULE 1470]
9. THIS ENGINE SHALL NOT BE OPERATED UNLESS ITS EXHAUST IS VENTED TO THE DIESEL PARTICULATE FILTER WHICH SHALL BE IN FULL OPERATION AND IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 1303(a) -BACT, RULE 1470]
10. THIS ENGINE SHALL OPERATE AT THE LOAD LEVEL REQUIRED TO ACHIEVE A MINIMUM EXHAUST TEMPERATURE (FOR FILTER REGENERATION) OF 375 DEGREES CENTIGRADE AT THE RATED PM LEVEL OF THE ENGINE (0.09 M/BHP-HR).
[RULE 1470]
11. REGENERATION OF THE CATALYST SHALL BE PERFORMED AFTER 24 COLD START-UPS WITH 30-MINUTE IDLE SESSIONS.
[RULE 1470]
12. THE OPERATOR SHALL INSPECT THE INTEGRITY OF THE FILTER AND CLEAN OR REPLACE SUCH FILTER EVERY 6 TO 12 MONTHS DEPENDING ON THE HOURS OF OPERATION MAINTENANCE PRACTICE, AND HOURS OF USE.
[RULE 1470]
13. THE OPERATOR SHALL RECORDS OF PARTICULATE FILTER INSPECTIONS, REPLACEMENTS, AND MANUAL REGENERATIONS. THE OPERATOR SHALL MAINTAIN THESE RECORDS FOR A MINIMUM OF TWO YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER UPON REQUEST.
[RULE 1470]

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14. THE ENGINE SHALL NOT OPERATE BELOW THE PASSIVE REGENERATION TEMPERATURE (375 DEGREES CENTIGRADE) FOR A PERIOD GREATER THAN 720 CONSECUTIVE MINUTES.
[RULE 1470]
15. REGENERATION OF THE PM FILTER IS REQUIRED AFTER 24 COLD START-UPS AND AFTER EVERY 30 MINUTE IDLE SESSIONS.
[RULE 1470]
16. THE PM FILTER SHALL BE DIS-ASSEMBLED AND CLEANED AFTER 2,000 HOURS OF ACCUMULATED OPERATING TIME.
[[RULE 1470]
17. THE OPERATOR SHALL USE CALIFORNIA DIESEL FUEL WITH LESS THAN OR EQUAL TO 15 PPM SULFUR OR A BIODIESEL BLEND PROVIDED THAT THE BIODIESEL PORTION OF THE BLEND COMPLIES WITH ASTM D6751, THE DIESEL PORTION OF THE BLEND COMPLIES WITH TITLE 13 (CCR) SECTIONS 2281 AND 2282, AND THE BLEND CONTAINS NO MORE THAN 20 PERCENT BIODIESEL BY VOLUME.
[RULE 431.2]
18. THE EMISSIONS FROM THIS EQUIPMENT SHALL COMPLY WITH THE FOLLOWING LIMITS:

| CONTAMENANT | EMISSION LIMIT (GM/BHP-HR) |
|--|----------------------------|
| NITROGEN OXIDES (NO _x)+ VOLATILE ORGANIC COMPOUNDS (VOC) | 2.72 |
| CARBON MONOXIDE (CO) | 0.57 |
| PATICULATE MATTER (PM10) | 0.02 |

[RULE 1303(a) – BACT, RULE 1470]

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

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

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

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

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, BOILER, > 1 MMBTU/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

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, PRINTING EQUIPMENT

Emissions And Requirements:

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

VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1130.1, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, PORTABLE PAVEMENT STRIPERS, 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

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

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 REGULATION:

CR⁶: RULE 1404

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, HALON FIRE EXTINGUISHING EQUIPMENT

Emissions And Requirements:

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

HALON: RULE 1418

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX, < 53 FT³, WITH DUST FILTER.

Periodic Monitoring:

1. THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
 - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
 - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.[RULE 3004 (a)(4)]
2. THE OPERATOR SHALL DISCHARGE DUST COLLECTED IN THIS EQUIPMENT ONLY INTO CLOSED CONTAINERS.
[RULE 3004 (a)(4)]
3. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL 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, THE OPERATOR SHALL TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT.

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

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

Emissions And Requirements:

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

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PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1140, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, REFRIGERATION UNITS

Emissions And Requirements:

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
REFRIGERANT: RULE 1415
REFRIGERANT: 40CFR 82 SUBPART F

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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS

Emissions And Requirements:

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

REFRIGERANT: RULE 1415
REFRIGERANT: 40CFR 82 SUBPART F

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS

Emissions And Requirements:

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

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1136, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 109

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, CHARBROILER.

Periodic Monitoring:

1. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. DATE
 - B. DAILY OPERATING HOURS
 - C. DAILY AMOUNT OF MEAT COOKED (OR CASHIER'S RECEIPTS WHICH SHOW THE QUANTITY OF CHARBROILER PRODUCTS SOLD EACH DAY)[RULE 3004 (a)(4)]

Emissions And Requirements:

2. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
PM: 0.1 GR/SCF, RULE 409
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, NEGATIVE AIR MACHINES.

Periodic Monitoring:

1. FOR EACH COMMERCIAL ABATEMENT PROJECT, THE NEGATIVE AIR MACHINE(S) EXHAUST SHALL BE LOCATED A MINIMUM OF 3 METERS (10 FEET) FROM THE NEAREST RECEPTOR (ANY LOCATION WHERE THE PUBLIC CAN BE EXPOSED TO ASBESTOS FIBER EMISSIONS) AND SHALL BE LOCATED AT LEAST 10 FEET ABOVE THE GROUND.
[RULE 1403]
2. FOR EACH COMMERCIAL ABATEMENT PROJECT, LOCATED MORE THAN 3 METERS (10 FEET) BUT LESS THAN 30 METERS (98 FEET) FROM ANY RESIDENTIAL ZONING, THE NEGATIVE AIR MACHINE(S) SHALL NOT EXHAUST MORE THAN A COMBINED TOTAL OF 4.8 MILLION CUBIC FEET OF AIR (THE TOTAL RATED AIR FLOW OF ALL MACHINE(S) IN CUBIC FEET PER MINUTE MULTIPLIED BY THE TOTAL NUMBER OF WORKING HOURS INVOLVING ASBESTOS REMOVAL).
[RULE 1403]
3. FOR EACH COMMERCIAL ABATEMENT PROJECT, LOCATED GREATER THAN OR EQUAL TO 30 METERS (98 FEET) FROM ANY RESIDENTIAL ZONING, THE NEGATIVE AIR MACHINE(S) SHALL NOT EXHAUST AIR IN WHICH THE COMBINED TOTAL AIR VOLUME (THE TOTAL RATED AIR FLOW OF ALL MACHINE(S) IN CUBIC FEET PER MINUTE MULTIPLIED BY THE TOTAL NUMBER OF WORKING HOURS INVOLVING ASBESTOS REMOVAL) WILL EXCEED THE AMOUNT SPECIFIED ON TABLE 1.
[RULE 1403]

Emissions And Requirements:

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

ASBESTOS: RULE 1403

FACILITY PERMIT TO OPERATE UNIVERSITY OF CALIFORNIA, LOS ANGELES

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT AND CONTROL ENCLOSURES USED
ESCLUSIVELY FOR EDUCATIONAL PURPOSES.

Emissions And Requirements:

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

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT Title V Permit Summary

| | | | | | |
|---|------------------------------------|---|--------------------------------------|----------------|--------|
| AQMD Facility ID: | 18452 | Company Name: | UNIVERSITY OF CALIFORNIA LOS ANGELES | | |
| Equipment Location: | 405 HILGARD, LOS ANGELES, CA 90095 | | | SIC Code: 8221 | |
| Permit Revision #: | Revision Date | Facility Permit Section(s) Affected: | | | |
| Application #(s): | 537507 | Application Submittal Date(s): 05/04/12 | | | |
| AQMD Contact Person: | KENNETH L. COATS | Phone #: | (909) 396-2527 | | |
| | | E-Mail Address: | kcoats@aqmd.gov | | |
| Project Description: UCLA is a local college within the South Coast Air Basin which operates a number of internal combustion engines, boilers and an ethylene oxide sterilization unit equipped with vapor recovery. The equipment provides space heating, hot water, emergency electrical generation and a sterilization unit to sanitize small medical equipment. | | | | | |
| Permit Type: <input type="checkbox"/> Initial Title V Permit <input type="checkbox"/> Significant Revision <input checked="" type="checkbox"/> Permit Renewal | | | | | |
| Permit Features: <input type="checkbox"/> Federally Enforceable Emission Cap For Exemption From Certain NESHAP Requirements <input type="checkbox"/> Permit Shield Applies <input type="checkbox"/> Permit Contains Conditions Allowing Emission Trading <input type="checkbox"/> Alternative Operating Scenario <input type="checkbox"/> Permit Streamlines Overlapping or Outdated Requirements <input type="checkbox"/> Other _____ <input type="checkbox"/> Source Out of Compliance With Applicable Requirements and/or Operating Under a Variance | | | | | |
| Toxic Air Contaminant Emissions (TAC) - Annual Reported Emissions for Reporting Year: 2011 | | <input type="checkbox"/> No TACs Reported <input checked="" type="checkbox"/> The Following TACs Were Reported: <u>Emissions (lbs/yr):</u> (See Attachment) | | | |
| Health Risk From Toxic Air Contaminants: <input type="checkbox"/> Health Risk Reduction Plan in Force (AQMD Rule 1402) (date): _____ <input type="checkbox"/> Health Risk Assessment Required for this Permit Action (AQMD Rule 1401) <input checked="" type="checkbox"/> Facility is Subject to Review by the Air Toxics Information and Assessment Act (AB2588) <input checked="" type="checkbox"/> Facility Determined to be Exempt from AB2588 Requirements <input type="checkbox"/> AQMD is Tracking Status of Facility under AB2588 <input type="checkbox"/> Health Risk Assessment Submitted to AQMD and Is Being Reviewed <input type="checkbox"/> Final Facility Health Risk Approved Cancer Risk = _____ Acute Hazard Index = _____ Chronic Hazard Index = _____ | | | | | |
| Criteria Pollutant Emissions Annual Reported Emissions (tons/year) for Reporting Year: 2011 | | <input checked="" type="checkbox"/> NOx | 31.063 | PM | 23.726 |
| | | <input checked="" type="checkbox"/> CO | 29.788 | SOx | 1.029 |
| | | <input checked="" type="checkbox"/> VOC | 14.845 | Other: | _____ |
| Compliance History: <input checked="" type="checkbox"/> Citizen Complaints Filed in Last Two Calendar Years (0) <input checked="" type="checkbox"/> Notices to Comply Issued in Last Two Calendar Years (0) <input checked="" type="checkbox"/> Notices of Violation Issued in Last two Calendar Years (2) | | | | | |
| Compliance History: Both Notices of Violation have been closed and the facility is in compliance as of November 16, 2012 | | | | | |

ATTACHMENT A

Toxic Air Contaminants Emissions (TAC)
Annual Reported Emissions for Reporting Period 2011

| The Following TACs were Reported | Emissions (lb/yr) |
|----------------------------------|-------------------|
| 1,3 Butadiene | 3.591 |
| 1,4 Dioxane | 8.540 |
| Acetaldehyde | 136.504 |
| Acrolein | 21.467 |
| Ammonia | 66,143.580 |
| Arsenic | 0.016 |
| Asbestos | 0.292 |
| Benzene | 78.363 |
| Cadmium | 0.015 |
| Carbon Tetrachloride | 32.902 |
| Chloroform | 118.313 |
| Chromium VI | 0.001 |
| Copper | 0.041 |
| Diesel PM | 341.700 |
| Ethyl Benzene | 103.949 |
| Formaldehyde | 5,346.952 |
| Hexane | 961.46 |
| Hydrazine | 3.18 |
| Hydrochloric Acid | 38.800 |
| Lead | 0.084 |
| Manganese | 0.031 |
| Mercury | 0.020 |
| Methanol | 864.000 |
| Methylene Chloride | 602.514 |
| Naphthalene | 4.526 |
| Nickel | 0.039 |
| PAHs | 3.296 |
| Perchloroethylene | 0.759 |
| Propylene Oxide | 92.648 |
| Selenium | 0.022 |
| Toluene | 501.928 |
| Trichloroethylene | 0.424 |
| Vinyl Chloride | 0.357 |
| Xylenes | 303.133 |

South Coast Air Quality Management District

Statement of Basis

Proposed Title V Renewal Permit

Facility Name: University of California Los Angeles (UCLA)
Facility ID: 18452
SIC Code: 8221
Equipment Location: 405 Hilgard
Los Angeles, CA 90095

Application #(s): 537507
Application Submittal Date(s): 05/04/2012

AQMD Contact Person: Kenneth L. Coats
Phone Number: (909) 396-2527
E-Mail Address: kcoats@aqmd.gov

1. Introduction and Scope of Permit

Title V is a national operating permit program for air pollution sources. Facilities subject to Title V must obtain a Title V permit and comply with specific Title V procedures to modify the permit. This permit replaces the facility's other existing permits. Title V does not necessarily include any new requirements for reducing emissions. It does, however, include new permitting, noticing, recordkeeping, and reporting requirements.

Pursuant to Title V of the federal Clean Air Act and AQMD Rule 3004(f), a Title V permit shall expire five years from the date of issuance unless such permit has been renewed. Accordingly, each facility is required to submit a Title V renewal application and requested the AQMD to renew their Title V permit. The proposed permit incorporates updates to the facility information provided in the facility's Title V renewal application and all rules and regulations that are currently applicable to the facility.

The AQMD implements Title V through Regulation XXX – Title V Permits, adopted by the AQMD Governing Board in order to comply with EPA's requirement that local air permitting authorities develop a Title V program. Regulation XXX was developed with the participation of the public and affected facilities through a series of public workshops, working group meetings, public hearings and other meetings.

The Title V major source threshold for a particular pollutant depends on the attainment status of the pollutant. NO₂, SO₂, CO and lead are in attainment with federal standards. The status for PM-10 is serious nonattainment. The status for ozone is currently extreme nonattainment.

A Title V renewal permit is proposed to be issued to UCLA. This facility is subject to Title V requirements because it is a major source.

2. Facility Description

The facility is a local college. The facility uses several internal combustion engines and boilers to provide space heating, hot water, and emergency electrical services to various parts of the campus.

3. Construction and Permitting History

An initial Title V permit was issued to the facility on 3/23/1998. The last Title V Permit renewal was issued on 12/28/2007, and there has been two subsequent permit revisions issued to this facility in the last five years.

4. Regulatory Applicability Determinations

Applicable legal requirements for which this facility is required to comply are required to be identified in the Title V permit (for example, Section D, E, and H of the proposed Title V permit). Applicability determinations (i.e., determinations made by the District with respect to what legal requirements apply to a specific piece of equipment, process, or operation) can be found as follows.

Boilers

40 CFR 63 Subpart JJJJJ is applicable to boilers at area sources of HAPs. Since UCLA is a major source of HAPs, 40 CFR 63 Subpart JJJJJ is not applicable to these boilers. There are no additional NESHAP requirements for these boilers.

40 CFR Subpart Db - Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units rated at greater than 100 MMBTU/hr. This rule requires the boilers to meet the fuel recordkeeping requirement in 40 CFR 60.48c(g)(2). The boilers are equipped with a totalizing fuel meters and the facility is required to maintain records of natural gas fuel and fuel oil use. These are existing boilers which are subject to this rule. The permit conditions are being updated to reflect these requirements. There are no requirements in this subpart for boilers fired exclusively on natural gas.

40 CFR 60 Subpart Dc-Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units rated at greater than or equal to 10 MMBTU/hr but less than or equal to 100 MMBTU/hr. Section 60.42(c)(d) requires fuel oil to be less than 0.5 ppmw Sulfur content. Rule 431.2 requires fuel oil purchased to be less than 15 ppmw Sulfur content. 40 CFR 60.48c(g)(2)- requires to record the monthly usage of natural gas and fuel oil combusted in the boilers. These are existing boilers which are subject to this rule. The permit conditions are being updated to reflect these requirements. There are no requirements in this subpart for boilers fired exclusively on natural gas.

Emergency engines

The emergency engines are subject to NSPS Title 40 Part 60 subpart IIII, however for engines which were installed prior to 2007, these engines are not subject to this subpart per 40 CFR 60.4230. The emergency engines are subject to NESHAP, 40 CFR Part 63 Subpart ZZZZ. UCLA is a major source of HAPs. Per 40 CFR 63.6590 (a)(1)(iii) the engines were installed prior to 2006. There are no emissions standards, but the engines must meet certain maintenance standards, change oil, inspect spark plugs, inspect hoses per Table 2d item 5 to Subpart ZZZZ of Part 63. Permit conditions will be added to each engine to address this section of the regulation.

Ethylene Oxide Sterilizers (ETO)

40 CFR Part 63 Subpart WWWW applies to ETO sterilizers located at area sources. UCLA is a major source of HAPS. Therefore, the ETO sterilizer is not subject to this NESHAP. There are no additional NESHAP requirements for ETO sterilizers located at major sources of HAPs.

5. Monitoring and Operational Requirements

Applicable monitoring and operational requirements for which the facility is required to comply are identified in the Title V permit (for example, Section D, F, and J and Appendix B of the proposed Title V permit). Discussion of any applicable operational requirements can be found in the Engineering Evaluations. All periodic monitoring requirements were developed using strict adherence to the following applicable guidance documents: SCAQMD Periodic Monitoring Guidelines for Title V Facilities (November 1997); CAPCOA/CARB/EPA Region IX Periodic Monitoring Recommendations for Generally Applicable Requirements in SIP (June 1999); and CAPCOA/CARB/EPA Region IX Recommended Periodic Monitoring for Generally Applicable Grain Loading Standards in the SIP: Combustion Sources (July 2001).

6. Permit Features

Permit Shield

A permit shield is an optional part of a Title V permit that gives the facility an explicit protection from requirements that do not apply to the facility. A permit shield is a provision in a permit that states that compliance with the conditions of the permit shall be deemed compliance with all identified regulatory requirements. To incorporate a permit shield into the Title V permit involves submission of applications for change of conditions for each equipment affected by the permit shield. Permit shields are addressed in Rule 3004 (c). This facility has not applied for a permit shield.

Streamlining Requirements

Some emission units may be subject to multiple requirements which are closely related or redundant. The conditions may be streamlined to simplify the permit conditions and compliance. Emission limits, work practice standards, and monitoring, recordkeeping, and reporting requirements may be streamlined. Compliance with a streamlined condition will be deemed compliance with the underlying requirements whether or not the emission unit is actually in compliance with the specific underlying requirement. This facility has not applied for any streamlined conditions.

7. Summary of Emissions and Health Risks

**Criteria Pollutant Emissions (tons/year)
Annual Reported Emissions for Reporting Period 2011**

| Pollutant | Emissions (tons/year) |
|-----------|-----------------------|
| NOx | 31.063 |
| CO | 29.788 |
| VOC | 14.845 |
| PM | 23.726 |
| SOx | 1.029 |

**Toxic Air Contaminants Emissions (TAC)
Annual Reported Emissions for Reporting Period 2011
Annual Emissions in lb/year**

| Pollutant ID | Pollutant Description | Annual Emissions |
|--------------|---|------------------|
| 106990 | 1,3-Butadiene | 3.591 |
| 123911 | 1,4-Dioxane | 8.540 |
| 75070 | Acetaldehyde | 136.504 |
| 107028 | Acrolein | 21.467 |
| 7664417 | Ammonia | 66143.580 |
| 7440382 | Arsenic | 0.016 |
| 1332214 | Asbestos | 0.292 |
| 71432 | Benzene | 78.363 |
| 7440439 | Cadmium | 0.015 |
| 56235 | Carbon tetrachloride | 32.902 |
| 67663 | Chloroform | 118.313 |
| 18540299 | Chromium (VI) | 0.001 |
| 7440508 | Copper | 0.041 |
| 9901 | Diesel engine exhaust, particulate matter | 341.700 |
| 100414 | ETHYL BENZENE | 103.949 |
| 50000 | Formaldehyde | 5346.952 |
| 110543 | HEXANE | 961.460 |
| 302012 | Hydrazine | 3.180 |
| 7647010 | Hydrochloric acid | 38.800 |
| 7439921 | Lead (inorganic) | 0.084 |
| 7439965 | Manganese | 0.031 |
| 7439976 | Mercury | 0.020 |
| 57561 | Methanol | 864.000 |
| 75092 | Methylene chloride | 602.514 |
| 91203 | Naphthalene | 4.526 |
| 7440020 | Nickel | 0.039 |
| 1151 | PAHs, total, with components not reported | 3.296 |
| 127184 | Perchloroethylene | 0.759 |
| 75569 | Propylene oxide | 92.648 |
| 7782492 | Selenium | 0.022 |
| 108883 | Toluene | 501.928 |
| 79016 | Trichloroethylene | 0.424 |
| 75014 | Vinyl chloride | 0.357 |
| 1330207 | Xylenes | 303.133 |

Health Risk from Toxic Air Contaminants

The facility is being tracked by the Air Toxics Information and Assessment Act (AB2588).

8. Compliance History

The facility was issued two Notices of Violation issued within the past 3 years. NOV P57928 was issued for failure to conduct quarterly CGA for QTR 4 -2010 in a timely manner (a violation of permit condition: Section K No. 8). Failure to report permit deviation/violation in a timely manner (on Form 500-N)

The second NOV (P57946) was issued for failure to conduct the periodic emissions tests on two boilers (D711162 and D71165) as follows: Quarter 1-2012 & Monthly--April 2012.

Both NOVs have been settled and the facility is now in compliance

9. Compliance Certification

By virtue of the Title V permit application and issuance of this Title V renewal permit, the reporting frequency for compliance certification for the facility shall be annual.



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

NOTICE OF PROPOSED RENEWAL TITLE V PERMIT

The South Coast Air Quality Management District (AQMD) is proposing to renew the existing Title V permit previously issued to the facility listed below:

Facility Location and Contact Person

UNIVERSITY OF CALIFORNIA LOS ANGELES
501 Westwood Plaza, 4th Floor
Box 951605
Los Angeles, CA 90095
Facility ID 18452

Contact Person:

Ross Veal
Industrial Hygiene Manager
501 Westwood Plaza, 4th Floor
Box 951605
Los Angeles, CA 90095

The facility operates several boilers, internal combustion engines, and an ethylene oxide sterilization unit all of which are used for producing space heating, hot water, emergency electrical power generation, and sterilization of small medical instruments.

Pursuant to Title V of the federal Clean Air Act and the AQMD Rule 3004(f), a Title V permit shall expire five years from the date of issuance unless such permit has been renewed. Accordingly, this facility has submitted a Title V renewal application and requested the AQMD to renew their Title V permits. The proposed permit incorporates updates to the facility information provided in the facility's Title V renewal application and all rules and regulations that are currently applicable to this facility.

The proposed permit is available for public review at the AQMD, 21865 Copley Dr., Diamond Bar, CA, and at the Los Angeles Central Library, 630 West 5th Street, Los Angeles, CA 90071. Information regarding the facility owner's compliance history submitted to the AQMD pursuant to California Health & Safety Code Section 42336, or otherwise known to the AQMD based on credible information, is also available from the AQMD for public review. For more information or to review additional supporting documents, call the AQMD's Title V hotline at (909) 396-3013. Written comments should be submitted to Mr. Kenneth L. Coats, Air Quality Engineer II, 21865 Copley Drive, Diamond Bar, CA 91765-4178. Comments must be received by January 6, 2013. The AQMD will consider all public comments and may revise the Title V permit in accordance with AQMD rules and regulations.

The public may request the AQMD to conduct a public hearing on the proposed permit by submitting a Hearing Request Form (Form 500-G) to Kenneth L. Coats at the above AQMD address. The AQMD will hold a public hearing if there is evidence that the proposed permit is not correct or is not adequate to ensure compliance with regulatory requirements, and a hearing will likely provide additional information that will affect the drafting and/or issuance of the permit. Public hearing request forms and the schedule of public hearings may be obtained from the AQMD by calling the Title V hotline at (909) 396-3013, or from the Internet at <http://www.aqmd.gov/titlev>. Requests for public hearings are due by December 21, 2012. A copy of the hearing request must also be sent by first class mail to the appropriate facility contact person listed above.