



South Coast Air Quality Management District

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

October 18, 2011

Mr. Robert Sweeney
Director of Facilities Management
LA County Rancho Los Amigos National Rehabilitation Center
7601 E Imperial Hwy
Downey, CA 90242

SUBJECT: Title V Facility Permit Revision (Facility ID: 6384)

Dear Mr. Sweeney:

Please find attached the revised Title Page, Table of Contents, and Section D of your Title V Facility Permit. The revised sections reflect the approval of the permit revision requested in your Application Nos. 525440, 525441 and 525442. The proposed permit revision was submitted to EPA for 45-day review on September 27, 2011. This permit revision includes the modification for new burner installation on Boilers 2, 3, and 4 for Rule 1146 compliance.

Please review the attached sections carefully. Insert the enclosed sections into your Title V Facility Permit and discard the earlier versions. Questions concerning changes to your permit should be directed to Mr. Chris Perri at (909) 396-2696 or cperri@aqmd.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Brian L. Yeh', is written over a faint, larger version of the same signature.

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

BLY:AYL:JTY:approval
Attachment

cc: Gerardo Rios, EPA Region IX

FACILITY PERMIT TO OPERATE

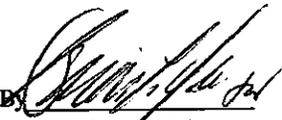
**LA CO., RANCHO LOS AMIGOS NAT. REHAB CTR
7601 E IMPERIAL HWY
DOWNEY, CA 90242**

NOTICE

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

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

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

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

**FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NAT. REHAB CTR**

TABLE OF CONTENTS

Section	Description	Revision #	Date Issued
A	Facility Information	0	04/18/2002
B	RECLAIM Annual Emission Allocation	0	04/18/2002
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	4	10/18/2011
E	Administrative Conditions	0	04/18/2002
F	RECLAIM Monitoring and Source Testing Requirements	0	04/18/2002
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	0	04/18/2002
H	Permit To Construct and Temporary Permit to Operate	0	04/18/2002
I	Compliance Plans & Schedules	1	03/30/2010
J	Air Toxics	0	04/18/2002
K	Title V Administration	3	03/30/2010
Appendix			
A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	0	04/18/2002
B	Rule Emission Limits	3	03/30/2010

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

Facility Equipment and Requirements
(Section D)

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

**FACILITY PERMIT TO OPERATE
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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 number	Permit to Operate number	Equipment description
493261	G1846	ICE, 50-500 BHP, EMERGENCY GEN.
493260	G1845	ICE, 50-500 BHP, EMERGENCY GEN.
493259	G1844	ICE, 50-500 BHP, EMERGENCY GEN.
493264	G1849	ICE, 50-500 BHP, EMERGENCY GEN.
264880	D92935	BOILER 1(>20-50 MMBTU/HR) NAT GAS-DIST OIL
264881	D92936	BOILER 2(>20-50 MMBTU/HR) NAT GAS-DIST OIL
264882	D92937	BOILER 3(>20-50 MMBTU/HR) NAT GAS-DIST OIL
264883	D92861	BOILER 4(>20-50 MMBTU/HR) NAT GAS-DIST OIL
268288	D66384	ICE, 50-500 BHP, EMERGENCY GEN.
286292	D78099	ICE, 50-500 BHP, EMERGENCY GEN.
286297	D78100	ICE, 50-500 BHP, EMERGENCY GEN.
323638	F4986	ICE, >500 BHP, EMERGENCY GEN.
323639	F4985	ICE, >500 BHP, EMERGENCY GEN.
323640	F4984	ICE, >500 BHP, EMERGENCY GEN.
388629	F42995	ICE, >500 BHP, EMERGENCY GEN.
388630	F42999	ICE, >500 BHP, EMERGENCY GEN.
396024	F48718	ICE, 50-500 BHP, PORTABLE, EMERGENCY GEN
525440		BOILER 2(>20-50 MMBTU/HR) NAT GAS-DIST OIL
525441		BOILER 3(>20-50 MMBTU/HR) NAT GAS-DIST OIL
525442		BOILER 4(>20-50 MMBTU/HR) NAT GAS-DIST OIL

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

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

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 USE FUEL OIL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 0.0015 PERCENT BY WEIGHT.
[RULE 431.2]

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

PERMIT TO OPERATE

Permit No. G1846
A/N 493261

Equipment Description:

INTERNAL COMBUSTION ENGINE, ALLIS CHALMERS, DIESEL-FUELED, MODEL NO. 11000 MK 11, SERIAL NO. J770274741, 6 CYLINDERS, TWO CYCLE, TURBOCHARGED, AFTERCOOLED, 305 BHP, WITH 1 EXHAUST, DRIVING AN EMERGENCY GENERATOR.

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 NOT BE OPERATED MORE THAN 200 HOURS IN ANY CALENDAR YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULES 1110.2, 1470]
4. OPERATION OF THE ENGINE 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 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.
[RULES 1110.2, 1470]
5. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR GRID OPERATOR.
[RULES 1110.2, 1470]
6. THE OWNER/OPERATOR OF THIS ENGINE SHALL COMPLY WITH RULES 431.2 AND 1470.
[RULES 431.2, 1470]

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

Periodic Monitoring:

7. THE OPERATOR BE INSTALLED AND MAINTAINED A NON-RESETTABLE LAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THIS EQUIPMENT.
[RULES 1110.2, 1470, 3004(a)(4)]

8. 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 TIME READING IN HOURS AT THE BEGINNING AND END OF OPERATION, THE REASON FOR OPERATION 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 (INCLUDE HOURS FOR MANUAL AND AUTOMATIC OPEARTION) SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULES 1110.2, 1470, 3004(a)(4)]

Emissions And Requirements:

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

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

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

PERMIT TO OPERATE

Permit No. G1845
A/N 493260

Equipment Description:

INTERNAL COMBUSTION ENGINE, GENERAL MOTORS, DIESEL FUELED, MODEL NO. 4150-E, SERIAL NO. 125-A-61, 8 CYLINDERS, TWO CYCLE, TURBOCHARGED, AFTERCOOLED, 150 BHP, WITH 1 EXHAUST, DRIVING AN EMERGENCY GENERATOR.

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 NOT BE OPERATED MORE THAN 200 HOURS IN ANY CALENDAR YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULES 1110.2, 1470]
4. OPERATION OF THE ENGINE 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 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.
[RULES 1110.2, 1470]
5. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR GRID OPERATOR.
[RULES 1110.2, 1470]
6. THE OWNER/OPERATOR OF THIS ENGINE SHALL COMPLY WITH RULES 431.2 AND 1470.
[RULES 431.2, 1470]

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

Periodic Monitoring:

7. THE OPERATOR BE INSTALLED AND MAINTAINED A NON-RESETTABLE LAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THIS EQUIPMENT.
[RULES 1110.2, 1470, 3004(a)(4)]

8. 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 TIME READING IN HOURS AT THE BEGINNING AND END OF OPERATION, THE REASON FOR OPERATION 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 (INCLUDE HOURS FOR MANUAL AND AUTOMATIC OPEARTION) SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULES 1110.2, 1470, 3004(a)(4)]

Emissions And Requirements:

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

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

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

PERMIT TO OPERATE

Permit No. G1844
A/N 493259

Equipment Description:

INTERNAL COMBUSTION ENGINE, GENERAL MOTORS, DIESEL FUELED, MODEL NO. 4150-E, SERIAL NO. 149-F-62, 8 CYLINDERS, TWO CYCLE, TURBOCHARGED, AFTERCOOLED, 150 BHP, WITH 1 EXHAUST, DRIVING AN EMERGENCY GENERATOR.

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 NOT BE OPERATED MORE THAN 200 HOURS IN ANY CALENDAR YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULES 1110.2, 1470]
4. OPERATION OF THE ENGINE 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 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.
[RULES 1110.2, 1470]
5. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR GRID OPERATOR.
[RULES 1110.2, 1470]
6. THE OWNER/OPERATOR OF THIS ENGINE SHALL COMPLY WITH RULES 431.2 AND 1470.
[RULES 431.2, 1470]

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

Periodic Monitoring:

7. THE OPERATOR BE INSTALLED AND MAINTAINED A NON-RESETTABLE LAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THIS EQUIPMENT.
[RULES 1110.2, 1470, 3004(a)(4)]

8. 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 TIME READING IN HOURS AT THE BEGINNING AND END OF OPERATION, THE REASON FOR OPERATION 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 (INCLUDE HOURS FOR MANUAL AND AUTOMATIC OPEARTION) SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULES 1110.2, 1470, 3004(a)(4)]

Emissions And Requirements:

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

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

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

PERMIT TO OPERATE

Permit No. G1849
A/N 493264

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT, DIESEL FUELED, MODEL NO. 8083-7305, SERIAL NO. HM95526, 8 CYLINDERS, TWO CYCLE, TURBOCHARGED, AFTERCOOLED, 305 BHP, WITH 1 EXHAUST, DRIVING AN EMERGENCY GENERATOR.

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 NOT BE OPERATED MORE THAN 200 HOURS IN ANY CALENDAR YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULES 1110.2, 1470]
4. OPERATION OF THE ENGINE 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 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.
[RULES 1110.2, 1470]
5. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR GRID OPERATOR.
[RULES 1110.2, 1470]
6. THE OWNER/OPERATOR OF THIS ENGINE SHALL COMPLY WITH RULES 431.2 AND 1470.
[RULES 431.2, 1470]

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

Periodic Monitoring:

7. THE OPERATOR BE INSTALLED AND MAINTAINED A NON-RESETTABLE LAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THIS EQUIPMENT.
[RULES 1110.2, 1470, 3004(a)(4)]

8. 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 TIME READING IN HOURS AT THE BEGINNING AND END OF OPERATION, THE REASON FOR OPERATION 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 (INCLUDE HOURS FOR MANUAL AND AUTOMATIC OPEARTION) SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULES 1110.2, 1470, 3004(a)(4)]

Emissions And Requirements:

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

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

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

PERMIT TO OPERATE

Permit No. D92935
A/N 264880

Equipment Description:

BOILER NO. 1, NEBRASKA, MODEL NO. NS-B-44ECON, 29,000,000 BTU PER HOUR, WITH COEN LOW NOX BURNER, NATURAL GAS AND FUEL OIL (AMBER 363) FIRED, AND A FLUE GAS RECIRCULATION 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 BOILER SHALL BE FIRED ON NATURAL GAS ONLY EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT, DURING MAINTENANCE TESTING OF THE BOILER WHICH SHALL NOT EXCEED 30 MINUTES PER MONTH, AND DURING COMPLIANCE TESTING WITH FUEL OIL.
[RULE 1146, 1303(a)(1)-BACT]
4. THIS BOILER SHALL EMIT NO MORE THAN 30 PPM (40 PPM WHEN FIRED ON FUEL OIL) FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO₂, AND 400 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% OXIGEN.
[RULE 1146]
5. ON OR AFTER JANUARY 1, 2012, THIS BOILER SHALL EMIT NO MORE THAN 9 PPM FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO₂, MEASURED BY VOLUME ON A DRY BASIS AT 3% OXIGEN.
[RULE 1146]
6. FUEL OIL SUPPLIED TO THE BURNER SHALL BE NO.2 OR A LIGHTER GRADE AS DESCRIBED BY THE LATEST ASTM SPECIFICATIONS AND SHALL CONTAIN LESS THAN 0.05 PERCENT SULFUR BY WEIGHT.
[RULE 431.2]
7. THE OPERATOR SHALL HAVE THE BURNER EQUIPPED WITH CONTROL SYSTEM TO AUTOMATICALLY REGULATE THE COMBUSTION AIR, FUEL, AND RECIRCULATED FLUE GAS AS THE BOILER LOAD VARIES. THIS CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO MAINTAIN ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RATE.
[RULE 1146]

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

8. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN USE WHENEVER THE BOILER IS IN OPERATION.
[RULE 1146]
9. ONLY THREE OF THE FOUR BOILERS SHALL BE OPERATED AT ANY ONE TIME.
[RULES 1146, 1303(b)(2)-Offset]

Emissions And Requirements:

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

CO: 2000 PPMV, RULE 407
SOX: 500 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
CO: 400 PPMV, RULE 1146
NOX 30 PPMV, UNTIL DECEMBER 31, 2011, RULE 1146
NOX 9 PPMV, ON OR AFTER JANUARY 1, 2012, RULE 1146

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

PERMIT TO OPERATE

Permit No. D92936
A/N 264881

Equipment Description:

BOILER NO. 2, NEBRASKA, MODEL NO. NS-B-44ECON, 29,000,000 BTU PER HOUR, WITH COEN LOW NOX BURNER, NATURAL GAS AND FUEL OIL (AMBER 363) FIRED, AND A FLUE GAS RECIRCULATION 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 BOILER SHALL BE FIRED ON NATURAL GAS ONLY EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT, DURING MAINTENANCE TESTING OF THE BOILER WHICH SHALL NOT EXCEED 30 MINUTES PER MONTH, AND DURING COMPLIANCE TESTING WITH FUEL OIL.
[RULE 1146, 1303(a)(1)-BACT]
4. THIS BOILER SHALL EMIT NO MORE THAN 30 PPM (40 PPM WHEN FIRED ON FUEL OIL) FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO₂, AND 400 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% OXIGEN.
[RULE 1146]
5. ON OR AFTER JANUARY 1, 2012, THIS BOILER SHALL EMIT NO MORE THAN 9 PPM FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO₂, MEASURED BY VOLUME ON A DRY BASIS AT 3% OXIGEN.
[RULE 1146]
6. FUEL OIL SUPPLIED TO THE BURNER SHALL BE NO.2 OR A LIGHTER GRADE AS DESCRIBED BY THE LATEST ASTM SPECIFICATIONS AND SHALL CONTAIN LESS THAN 0.05 PERCENT SULFUR BY WEIGHT.
[RULE 431.2]
7. THE OPERATOR SHALL HAVE THE BURNER EQUIPPED WITH CONTROL SYSTEM TO AUTOMATICALLY REGULATE THE COMBUSTION AIR, FUEL, AND RECIRCULATED FLUE GAS AS THE BOILER LOAD VARIES. THIS CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO MAINTAIN ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RATE.
[RULE 1146]

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

8. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN USE WHENEVER THE BOILER IS IN OPERATION.
[RULE 1146]
9. ONLY THREE OF THE FOUR BOILERS SHALL BE OPERATED AT ANY ONE TIME.
[RULES 1146, 1303(b)(2)-Offset]

Emissions And Requirements:

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

CO: 2000 PPMV, RULE 407
SOX: 500 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
CO: 400 PPMV, RULE 1146
NOX 30 PPMV, UNTIL DECEMBER 31, 2011, RULE 1146
NOX 9 PPMV, ON OR AFTER JANUARY 1, 2012, RULE 1146

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

PERMIT TO OPERATE

Permit No. D92937
A/N 264882

Equipment Description:

BOILER NO. 3, NEBRASKA, MODEL NO. NS-B-44ECON, 29,000,000 BTU PER HOUR, WITH COEN LOW NOX BURNER, NATURAL GAS AND FUEL OIL (AMBER 363) FIRED, AND A FLUE GAS RECIRCULATION 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 BOILER SHALL BE FIRED ON NATURAL GAS ONLY EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT, DURING MAINTENANCE TESTING OF THE BOILER WHICH SHALL NOT EXCEED 30 MINUTES PER MONTH, AND DURING COMPLIANCE TESTING WITH FUEL OIL.
[RULE 1146, 1303(a)(1)-BACT]
4. THIS BOILER SHALL EMIT NO MORE THAN 30 PPM (40 PPM WHEN FIRED ON FUEL OIL) FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO₂, AND 400 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% OXIGEN.
[RULE 1146]
5. ON OR AFTER JANUARY 1, 2012, THIS BOILER SHALL EMIT NO MORE THAN 9 PPM FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO₂, MEASURED BY VOLUME ON A DRY BASIS AT 3% OXIGEN.
[RULE 1146]
6. FUEL OIL SUPPLIED TO THE BURNER SHALL BE NO.2 OR A LIGHTER GRADE AS DESCRIBED BY THE LATEST ASTM SPECIFICATIONS AND SHALL CONTAIN LESS THAN 0.05 PERCENT SULFUR BY WEIGHT.
[RULE 431.2]
7. THE OPERATOR SHALL HAVE THE BURNER EQUIPPED WITH CONTROL SYSTEM TO AUTOMATICALLY REGULATE THE COMBUSTION AIR, FUEL, AND RECIRCULATED FLUE GAS AS THE BOILER LOAD VARIES. THIS CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO MAINTAIN ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RATE.
[RULE 1146]

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

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

9. ONLY THREE OF THE FOUR BOILERS SHALL BE OPERATED AT ANY ONE TIME.
[RULES 1146, 1303(b)(2)-Offset]

Emissions And Requirements:

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

CO: 2000 PPMV, RULE 407
SOX: 500 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
CO: 400 PPMV, RULE 1146
NOX 30 PPMV, UNTIL DECEMBER 31, 2011, RULE 1146
NOX 9 PPMV, ON OR AFTER JANUARY 1, 2012, RULE 1146

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

PERMIT TO OPERATE

Permit No. D92861
A/N 264883

Equipment Description:

BOILER NO. 4, NEBRASKA, MODEL NO. NS-B-44ECON, 29,000,000 BTU PER HOUR, WITH COEN LOW NOX BURNER, NATURAL GAS AND FUEL OIL (AMBER 363) FIRED, AND A FLUE GAS RECIRCULATION 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 BOILER SHALL BE FIRED ON NATURAL GAS ONLY EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT, DURING MAINTENANCE TESTING OF THE BOILER WHICH SHALL NOT EXCEED 30 MINUTES PER MONTH, AND DURING COMPLIANCE TESTING WITH FUEL OIL.
[RULE 1146, 1303(a)(1)-BACT]
4. THIS BOILER SHALL EMIT NO MORE THAN 30 PPM (40 PPM WHEN FIRED ON FUEL OIL) FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO₂, AND 400 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% OXIGEN.
[RULE 1146]
5. ON OR AFTER JANUARY 1, 2014, THIS BOILER SHALL EMIT NO MORE THAN 9 PPM FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO₂, MEASURED BY VOLUME ON A DRY BASIS AT 3% OXIGEN.
[RULE 1146]
6. FUEL OIL SUPPLIED TO THE BURNER SHALL BE NO.2 OR A LIGHTER GRADE AS DESCRIBED BY THE LATEST ASTM SPECIFICATIONS AND SHALL CONTAIN LESS THAN 0.05 PERCENT SULFUR BY WEIGHT.
[RULE 431.2]
7. THE OPERATOR SHALL HAVE THE BURNER EQUIPPED WITH CONTROL SYSTEM TO AUTOMATICALLY REGULATE THE COMBUSTION AIR, FUEL, AND RECIRCULATED FLUE GAS AS THE BOILER LOAD VARIES. THIS CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO MAINTAIN ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RATE.
[RULE 1146]

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

8. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN USE WHENEVER THE BOILER IS IN OPERATION.
[RULE 1146]
9. ONLY THREE OF THE FOUR BOILERS SHALL BE OPERATED AT ANY ONE TIME.
[RULES 1146, 1303(b)(2)-Offset]

Emissions And Requirements:

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

CO: 2000 PPMV, RULE 407
SOX: 500 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
CO: 400 PPMV, RULE 1146
NOX 30 PPMV, UNTIL DECEMBER 31, 2011, RULE 1146
NOX 9 PPMV, ON OR AFTER JANUARY 1, 2014, RULE 1146

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

PERMIT TO OPERATE

Permit No. D66384
A/N 268288

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL NO. 3406TA, SERIAL NO. 2WB04556BA02698, DIESEL FUELED, EMERGENCY ELECTRICAL GENERATOR DRIVER, TURBOCHARGED, AFTERCOOLED, 6 CYLINDERS, 450 BHP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY CALENDAR YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULES 1110.2, 1470]
4. OPERATION OF THE ENGINE 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 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.
[RULES 1110.2, 1470]
5. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR GRID OPERATOR.
[RULES 1110.2, 1470]
6. THE OWNER/OPERATOR OF THIS ENGINE SHALL COMPLY WITH RULES 431.2 AND 1470.
[RULES 431.2, 1470]

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

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)(BACT)]

Periodic Monitoring:

8. THE OPERATOR BE INSTALLED AND MAINTAINED A NON-RESETTABLE LAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THIS EQUIPMENT.
[RULES 1110.2, 1470, 3004(a)(4)]
9. 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 TIME READING IN HOURS AT THE BEGINNING AND END OF OPERATION, THE REASON FOR OPERATION 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 (INCLUDE HOURS FOR MANUAL AND AUTOMATIC OPEARTION) SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULES 1110.2, 1470, 3004(a)(4)]

Emissions And Requirements:

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

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

PERMIT TO OPERATE

Permit No. D78099
A/N 286292

Equipment Description:

INTERNAL COMBUSTION ENGINE, NO. 1, CATERPILLAR, COMPRESSION IGNITION, 4 CYLINDER, FOUR CYCLE, TURBOCHARGED, MODEL NO. 3054, 80 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

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 NOT BE OPERATED MORE THAN 200 HOURS IN ANY CALENDAR YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULES 1110.2, 1470]
4. OPERATION OF THE ENGINE 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 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.
[RULES 1110.2, 1470]
5. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR GRID OPERATOR.
[RULES 1110.2, 1470]
6. THE OWNER/OPERATOR OF THIS ENGINE SHALL COMPLY WITH RULES 431.2 AND 1470.
[RULES 431.2, 1470]

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

Periodic Monitoring:

7. THE OPERATOR BE INSTALLED AND MAINTAINED A NON-RESETTABLE LAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THIS EQUIPMENT.
[RULES 1110.2, 1470, 3004(a)(4)]

8. 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 TIME READING IN HOURS AT THE BEGINNING AND END OF OPERATION, THE REASON FOR OPERATION 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 (INCLUDE HOURS FOR MANUAL AND AUTOMATIC OPEARTION) SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULES 1110.2, 1470, 3004(a)(4)]

Emissions And Requirements:

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

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

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

PERMIT TO OPERATE

Permit No. D78100
A/N 286297

Equipment Description:

INTERNAL COMBUSTION ENGINE, NO. 2, CATERPILLAR, COMPRESSION IGNITION, 4 CYLINDER, FOUR CYCLE, TURBOCHARGED, MODEL NO. 3054, 80 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

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 NOT BE OPERATED MORE THAN 200 HOURS IN ANY CALENDAR YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULES 1110.2, 1470]
4. OPERATION OF THE ENGINE 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 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.
[RULES 1110.2, 1470]
5. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR GRID OPERATOR.
[RULES 1110.2, 1470]
6. THE OWNER/OPERATOR OF THIS ENGINE SHALL COMPLY WITH RULES 431.2 AND 1470.
[RULES 431.2, 1470]

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

Periodic Monitoring:

7. THE OPERATOR BE INSTALLED AND MAINTAINED A NON-RESETTABLE LAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THIS EQUIPMENT.
[RULES 1110.2, 1470, 3004(a)(4)]

8. 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 TIME READING IN HOURS AT THE BEGINNING AND END OF OPERATION, THE REASON FOR OPERATION 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 (INCLUDE HOURS FOR MANUAL AND AUTOMATIC OPEARTION) SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULES 1110.2, 1470, 3004(a)(4)]

Emissions And Requirements:

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

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

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

PERMIT TO OPERATE

Permit No. F4986
A/N 323638

Equipment Description:

INTERNAL COMBUSTION ENGINE, NO. 1, CATERPILLAR, MODEL NO. 3516DITA, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATOR, 16 CYLINDERS, TURBOCHARGED, AFTERCOOLED, 2847 BHP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY CALENDAR YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULES 1110.2, 1470]
4. OPERATION OF THE ENGINE 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 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.
[RULES 1110.2, 1470]
5. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR GRID OPERATOR.
[RULES 1110.2, 1470]
6. THE OWNER/OPERATOR OF THIS ENGINE SHALL COMPLY WITH RULES 431.2 AND 1470.
[RULES 431.2, 1470]
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)(BACT)]

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

Periodic Monitoring:

8. THE OPERATOR BE INSTALLED AND MAINTAINED A NON-RESETTABLE LAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THIS EQUIPMENT.
[RULES 1110.2, 1470, 3004(a)(4)]

9. 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 TIME READING IN HOURS AT THE BEGINNING AND END OF OPERATION, THE REASON FOR OPERATION 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 (INCLUDE HOURS FOR MANUAL AND AUTOMATIC OPEARTION) SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULES 1110.2, 1470, 3004(a)(4)]

Emissions And Requirements:

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

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

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

PERMIT TO OPERATE

Permit No. F4985
A/N 323639

Equipment Description:

INTERNAL COMBUSTION ENGINE, NO. 2, CATERPILLAR, MODEL NO. 3516DITA, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATOR, 16 CYLINDERS, TURBOCHARGED, AFTERCOOLED, 2847 BHP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY CALENDAR YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULES 1110.2, 1470]
4. OPERATION OF THE ENGINE 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 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.
[RULES 1110.2, 1470]
5. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR GRID OPERATOR.
[RULES 1110.2, 1470]
6. THE OWNER/OPERATOR OF THIS ENGINE SHALL COMPLY WITH RULES 431.2 AND 1470.
[RULES 431.2, 1470]
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)(BACT)]

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

Periodic Monitoring:

8. THE OPERATOR BE INSTALLED AND MAINTAINED A NON-RESETTABLE LAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THIS EQUIPMENT.
[RULES 1110.2, 1470, 3004(a)(4)]

9. 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 TIME READING IN HOURS AT THE BEGINNING AND END OF OPERATION, THE REASON FOR OPERATION 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 (INCLUDE HOURS FOR MANUAL AND AUTOMATIC OPEARTION) SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULES 1110.2, 1470, 3004(a)(4)]

Emissions And Requirements:

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

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

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

PERMIT TO OPERATE

Permit No. F4984
A/N 323640

Equipment Description:

INTERNAL COMBUSTION ENGINE, NO. 3, CATERPILLAR, MODEL NO. 3516DITA, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATOR, 16 CYLINDERS, TURBOCHARGED, AFTERCOOLED, 2847 BHP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY CALENDAR YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULES 1110.2, 1470]
4. OPERATION OF THE ENGINE 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 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.
[RULES 1110.2, 1470]
5. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR GRID OPERATOR.
[RULES 1110.2, 1470]
6. THE OWNER/OPERATOR OF THIS ENGINE SHALL COMPLY WITH RULES 431.2 AND 1470.
[RULES 431.2, 1470]
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)(BACT)]

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

Periodic Monitoring:

8. THE OPERATOR BE INSTALLED AND MAINTAINED A NON-RESETTABLE LAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THIS EQUIPMENT.
[RULES 1110.2, 1470, 3004(a)(4)]

9. 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 TIME READING IN HOURS AT THE BEGINNING AND END OF OPERATION, THE REASON FOR OPERATION 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 (INCLUDE HOURS FOR MANUAL AND AUTOMATIC OPEARTION) SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULES 1110.2, 1470, 3004(a)(4)]

Emissions And Requirements:

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

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

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PERMIT TO OPERATE

Permit No. F42995
A/N 388629

Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, MODEL NO. V12525 IP-G, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, TWELVE CYLINDERS, NATURALLY ASPIRATED, 535 BHP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY CALENDAR YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULES 1110.2, 1470]
4. OPERATION OF THE ENGINE 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 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.
[RULES 1110.2, 1470]
5. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR GRID OPERATOR.
[RULES 1110.2, 1470]
6. THE OWNER/OPERATOR OF THIS ENGINE SHALL COMPLY WITH RULES 431.2 AND 1470.
[RULES 431.2, 1470]

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

Periodic Monitoring:

7. THE OPERATOR BE INSTALLED AND MAINTAINED A NON-RESETTABLE LAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THIS EQUIPMENT.
[RULES 1110.2, 1470, 3004(a)(4)]

8. 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 TIME READING IN HOURS AT THE BEGINNING AND END OF OPERATION, THE REASON FOR OPERATION 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 (INCLUDE HOURS FOR MANUAL AND AUTOMATIC OPEARTION) SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULES 1110.2, 1470, 3004(a)(4)]

Emissions And Requirements:

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

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

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

PERMIT TO OPERATE

Permit No. F42999
A/N 388630

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL NO. 3412, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATION, TWELVE CYLINDERS, TURBOCHARGED AND AFTERCOOLED, 600 BHP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY CALENDAR YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULES 1110.2, 1470]
4. OPERATION OF THE ENGINE 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 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.
[RULES 1110.2, 1470]
5. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR GRID OPERATOR.
[RULES 1110.2, 1470]
6. THE OWNER/OPERATOR OF THIS ENGINE SHALL COMPLY WITH RULES 431.2 AND 1470.
[RULES 431.2, 1470]

FACILITY PERMIT TO OPERATE
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Periodic Monitoring:

7. THE OPERATOR BE INSTALLED AND MAINTAINED A NON-RESETTABLE LAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THIS EQUIPMENT.
[RULES 1110.2, 1470, 3004(a)(4)]

8. 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 TIME READING IN HOURS AT THE BEGINNING AND END OF OPERATION, THE REASON FOR OPERATION 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 (INCLUDE HOURS FOR MANUAL AND AUTOMATIC OPEARTION) SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULES 1110.2, 1470, 3004(a)(4)]

Emissions And Requirements:

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

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

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PERMIT TO OPERATE

Permit No. F48718
A/N 396024

Equipment Description:

INTERNAL COMBUSTION ENGINE, PORTABLE, CUMMINS, MODEL NO.NTA 855-G2, TURBOCHARGED, AFTERCOOLED, DIESEL FUELED, RATED AT 465 BHP, 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 BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULES 1304 (c)-Offset Exemption, 1303(a)(1)-BACT]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)-Molding and Offset Exemption, RULE 1303(a)(1)-BACT, RULE 3004(a)(4)-Periodic Monitoring]
5. OPERATION OF THE 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.
[RULE 1303(a)(1)-BACT]
6. 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 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 (INCLUDE HOURS FOR MANUAL AND AUTOMATIC OPERATION) SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULE 1303(a)(1)-BACT, RULE 3004(a)(4)-Periodic Monitoring]

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Emissions And Requirements:

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

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

PM: RULE 1470

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PERMIT TO CONSTRUCT

A/N 525440

Equipment Description:

MODIFICATION OF:

BOILER NO. 2, NEBRASKA, MODEL NO. NS-B-44ECON, 29,000,000 BTU/HR, WITH COEN LONOX BURNER, NATURAL GAS AND FUEL OIL (AMBER 363) FIRED, WITH A FUEL GAS RECIRCULATION SYSTEM.

OPERATING UNDER P/O D92936

BY REMOVAL OF THE COEN LOW NOX BURNER AND INSTALLATION OF 1 AMERICAN COMBUSTION TECHNOLOGIES LOW NOX BURNER, MODEL SLE07, 29,000,000 BTU/HR, NATURAL GAS AND FUEL OIL (AMBER 363) FIRED.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS BOILER SHALL BE FIRED ON NATURAL GAS ONLY EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT, DURING MAINTENANCE TESTING OF THE BOILER WHICH SHALL NOT EXCEED 30 MINUTES PER MONTH, OR DURING COMPLIANCE TESTING WITH FUEL OIL.
[RULE 1146, RULE 1303(a)(1)-BACT]
4. PRIOR TO JANUARY 1, 2012, THIS BOILER SHALL EMIT NO MORE THAN 30 PPM OXIDES OF NITROGEN (NOX) CALCULATED AS NO₂ MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN OVER A 15 MINUTE AVERAGE WHEN FIRED ON NATURAL GAS.
[RULE 1146]
5. BEGINNING JANUARY 1, 2012, THIS BOILER SHALL EMIT NO MORE THAN 9 PPM OXIDES OF NITROGEN (NOX) CALCULATED AS NO₂ MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN OVER A 15 MINUTE AVERAGE WHEN FIRED ON NATURAL GAS.
[RULE 1146]
6. EMISSIONS OF NOX SHALL NOT EXCEED 40 PPM REFERENCED AT 3% O₂ ON A DRY BASIS, AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES WHENEVER THIS EQUIPMENT IS FIRED WITH OIL.
[RULE 1146]

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LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

7. EMISSIONS OF CO SHALL NOT EXCEED 400 PPM REFERENCED AT 3% O₂ ON A DRY BASIS, AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES.
[RULE 1146]
8. THE BURNER SHALL NOT FIRE ON LESS THAN 5524 SCF/HR OF NATURAL GAS DURING NORMAL OPERATION, NOT INCLUDING START-UPS AND SHUTDOWNS.
[RULE 1146]
9. 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 1146]
10. FUEL OIL SUPPLIED TO THE BURNER SHALL BE NO. 2 OR A LIGHTER GRADE AS DESCRIBED BY THE LATEST ASTM SPECIFICATIONS AND SHALL CONTAIN LESS THAN 0.05 PERCENT SULFUR BY WEIGHT IF PURCHASED PRIOR TO 6/1/04 AND LESS THAN 15 PPM SULFUR BY WEIGHT IF PURCHASED ON OR AFTER 6/1/04.
[RULE 431.2]
11. THE OPERATOR SHALL HAVE THE BURNER EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE THE COMBUSTION AIR, FUEL, AND RECIRCULATION FLUE GAS AS THE BOILER LOAD VARIES. THIS CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO MAINTAIN ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RATE.
[RULE 1146]
12. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN USE WHENEVER THE BOILER IS IN OPERATION.
[RULE 1146]
13. ONLY THREE OF THE FOUR BOILERS SHALL BE OPERATED AT ANY ONE TIME.
[RULE 1146, 1303(b)(2)-OFFSET]
14. THE OPERATOR SHALL PERFORM PERIODIC EMISSION TESTS ON THE BOILER WITH A PORTABLE ANALYZER IN ACCORDANCE WITH THE SCHEDULE AND SPECIFICATIONS OUTLINED IN RULE 1146.
[RULE 1146]
15. THE OPERATOR SHALL CONDUCT A SOURCE TEST ON THE BOILER UNDER THE FOLLOWING CONDITIONS:
 - A. THE INITIAL TEST SHALL BE CONDUCTED WITHIN 60 DAYS AFTER APPROVAL OF THE SOURCE TEST PROTOCOL, BUT NO LATER THAN 180 DAYS AFTER THE PERMIT TO CONSTRUCT IS ISSUED. AFTER THE INITIAL TEST, TESTING SHALL BE CONDUCTED ONCE EVERY 3 YEARS, OR IN ACCORDANCE WITH THE SCHEDULE SPECIFIED IN RULE 1146.
 - B. THE TEST SHALL BE CONDUCTED TO DETERMINE THE EMISSIONS OF NO_x AND CO USING ONE OF THE TEST METHODS SPECIFIED IN RULE 1146. THE TEST SHALL BE

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LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

CONDUCTED OVER 15 MINUTE AVERAGING TIME. THE TEST SHALL BE CONDUCTED DURING GAS FIRING AT A GREATER THAN 90% LOAD, 50% LOAD, AND 25% LOAD. THE TEST SHALL BE CONDUCTED DURING OIL FIRING AT GREATER THAN 90% LOAD ONLY.

- C. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH AN AQMD APPROVED TEST PROTOCOL. THE PROTOCOL SHALL BE SUBMITTED TO THE AQMD ENGINEER NO LATER THAN 45 DAYS BEFORE THE PROPOSED TEST DATE AND SHALL BE APPROVED BY THE AQMD BEFORE THE TEST COMMENCES. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE BOILER DURING THE TESTS, THE IDENTITY OF THE TESTING LAB, A STATEMENT FROM THE TESTING LAB CERTIFYING THAT IT MEETS THE CRITERIA OF RULE 304, AND A DESCRIPTION OF ALL SAMPLING AND ANALYTICAL PROCEDURES. THE AQMD SHALL BE NOTIFIED ON THE DATE AND TIME OF THE TEST AT LEAST 10 DAYS PRIOR TO THE TEST.

[RULE 1146]

Emissions And Requirements:

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

CO: 2000 PPMV, RULE 407
SOX: 500 PPMV FUEL OIL, RULE 409
PM: 0.1 GR/SCF, RULE 409
CO: 400 PPMV, RULE 1146
NOX: 30 PPMV, UNTIL DECEMBER 31, 2011, RULE 1146
NOX: 9 PPMV, NATURAL GAS, ON OR AFTER JANUARY 1, 2012, RULE 1146
NOX: 40 PPMV FUEL OIL, RULE 1146

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PERMIT TO CONSTRUCT

A/N 525441

Equipment Description:

MODIFICATION OF:

BOILER NO. 3, NEBRASKA, MODEL NO. NS-B-44ECON, 29,000,000 BTU/HR, WITH COEN LONOX BURNER, NATURAL GAS AND FUEL OIL (AMBER 363) FIRED, WITH A FUEL GAS RECIRCULATION SYSTEM.

OPERATING UNDER P/O D92937

BY REMOVAL OF THE COEN LOW NOX BURNER AND INSTALLATION OF 1 AMERICAN COMBUSTION TECHNOLOGIES LOW NOX BURNER, MODEL SLE07, 29,000,000 BTU/HR, NATURAL GAS AND FUEL OIL (AMBER 363) FIRED.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS BOILER SHALL BE FIRED ON NATURAL GAS ONLY EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT, DURING MAINTENANCE TESTING OF THE BOILER WHICH SHALL NOT EXCEED 30 MINUTES PER MONTH, OR DURING COMPLIANCE TESTING WITH FUEL OIL.
[RULE 1146, RULE 1303(a)(1)-BACT]
4. PRIOR TO JANUARY 1, 2012, THIS BOILER SHALL EMIT NO MORE THAN 30 PPM OXIDES OF NITROGEN (NOX) CALCULATED AS NO₂ MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN OVER A 15 MINUTE AVERAGE WHEN FIRED ON NATURAL GAS.
[RULE 1146]
5. BEGINNING JANUARY 1, 2012, THIS BOILER SHALL EMIT NO MORE THAN 9 PPM OXIDES OF NITROGEN (NOX) CALCULATED AS NO₂ MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN OVER A 15 MINUTE AVERAGE WHEN FIRED ON NATURAL GAS.
[RULE 1146]
6. EMISSIONS OF NOX SHALL NOT EXCEED 40 PPM REFERENCED AT 3% O₂ ON A DRY BASIS, AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES WHENEVER THIS EQUIPMENT IS FIRED WITH OIL.
[RULE 1146]

FACILITY PERMIT TO OPERATE
LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

7. EMISSIONS OF CO SHALL NOT EXCEED 400 PPM REFERENCED AT 3% O₂ ON A DRY BASIS, AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES.
[RULE 1146]
8. THE BURNER SHALL NOT FIRE ON LESS THAN 5524 SCF/HR OF NATURAL GAS DURING NORMAL OPERATION, NOT INCLUDING START-UPS AND SHUTDOWNS.
[RULE 1146]
9. 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 1146]
10. FUEL OIL SUPPLIED TO THE BURNER SHALL BE NO. 2 OR A LIGHTER GRADE AS DESCRIBED BY THE LATEST ASTM SPECIFICATIONS AND SHALL CONTAIN LESS THAN 0.05 PERCENT SULFUR BY WEIGHT IF PURCHASED PRIOR TO 6/1/04 AND LESS THAN 15 PPM SULFUR BY WEIGHT IF PURCHASED ON OR AFTER 6/1/04.
[RULE 431.2]
11. THE OPERATOR SHALL HAVE THE BURNER EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE THE COMBUSTION AIR, FUEL, AND RECIRCULATION FLUE GAS AS THE BOILER LOAD VARIES. THIS CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO MAINTAIN ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RATE.
[RULE 1146]
12. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN USE WHENEVER THE BOILER IS IN OPERATION.
[RULE 1146]
13. ONLY THREE OF THE FOUR BOILERS SHALL BE OPERATED AT ANY ONE TIME.
[RULE 1146, 1303(b)(2)-OFFSET]
14. THE OPERATOR SHALL PERFORM PERIODIC EMISSION TESTS ON THE BOILER WITH A PORTABLE ANALYZER IN ACCORDANCE WITH THE SCHEDULE AND SPECIFICATIONS OUTLINED IN RULE 1146.
[RULE 1146]
15. THE OPERATOR SHALL CONDUCT A SOURCE TEST ON THE BOILER UNDER THE FOLLOWING CONDITIONS:
 - A. THE INITIAL TEST SHALL BE CONDUCTED WITHIN 60 DAYS AFTER APPROVAL OF THE SOURCE TEST PROTOCOL, BUT NO LATER THAN 180 DAYS AFTER THE PERMIT TO CONSTRUCT IS ISSUED. AFTER THE INITIAL TEST, TESTING SHALL BE CONDUCTED ONCE EVERY 3 YEARS, OR IN ACCORDANCE WITH THE SCHEDULE SPECIFIED IN RULE 1146.
 - B. THE TEST SHALL BE CONDUCTED TO DETERMINE THE EMISSIONS OF NO_x AND CO USING ONE OF THE TEST METHODS SPECIFIED IN RULE 1146. THE TEST SHALL BE

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LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

CONDUCTED OVER 15 MINUTE AVERAGING TIME. THE TEST SHALL BE CONDUCTED DURING GAS FIRING AT A GREATER THAN 90% LOAD, 50% LOAD, AND 25% LOAD. THE TEST SHALL BE CONDUCTED DURING OIL FIRING AT GREATER THAN 90% LOAD ONLY.

- C. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH AN AQMD APPROVED TEST PROTOCOL. THE PROTOCOL SHALL BE SUBMITTED TO THE AQMD ENGINEER NO LATER THAN 45 DAYS BEFORE THE PROPOSED TEST DATE AND SHALL BE APPROVED BY THE AQMD BEFORE THE TEST COMMENCES. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE BOILER DURING THE TESTS, THE IDENTITY OF THE TESTING LAB, A STATEMENT FROM THE TESTING LAB CERTIFYING THAT IT MEETS THE CRITERIA OF RULE 304, AND A DESCRIPTION OF ALL SAMPLING AND ANALYTICAL PROCEDURES. THE AQMD SHALL BE NOTIFIED ON THE DATE AND TIME OF THE TEST AT LEAST 10 DAYS PRIOR TO THE TEST.

[RULE 1146]

Emissions And Requirements:

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

CO: 2000 PPMV, RULE 407
SOX: 500 PPMV FUEL OIL, RULE 409
PM: 0.1 GR/SCF, RULE 409
CO: 400 PPMV, RULE 1146
NOX: 30 PPMV, UNTIL DECEMBER 31, 2011, RULE 1146
NOX: 9 PPMV, NATURAL GAS, ON OR AFTER JANUARY 1, 2012, RULE 1146
NOX: 40 PPMV FUEL OIL, RULE 1146

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PERMIT TO CONSTRUCT

A/N 525442

Equipment Description:

MODIFICATION OF:

BOILER NO. 4, NEBRASKA, MODEL NO. NS-B-44ECON, 29,000,000 BTU/HR, WITH COEN LONOX BURNER, NATURAL GAS AND FUEL OIL (AMBER 363) FIRED, WITH A FUEL GAS RECIRCULATION SYSTEM.

OPERATING UNDER P/O D92861

BY REMOVAL OF THE COEN LOW NOX BURNER AND INSTALLATION OF 1 AMERICAN COMBUSTION TECHNOLOGIES LOW NOX BURNER, MODEL SLE07, 29,000,000 BTU/HR, NATURAL GAS AND FUEL OIL (AMBER 363) FIRED.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS BOILER SHALL BE FIRED ON NATURAL GAS ONLY EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT, DURING MAINTENANCE TESTING OF THE BOILER WHICH SHALL NOT EXCEED 30 MINUTES PER MONTH, OR DURING COMPLIANCE TESTING WITH FUEL OIL.
[RULE 1146, RULE 1303(a)(1)-BACT]
4. PRIOR TO JANUARY 1, 2012, THIS BOILER SHALL EMIT NO MORE THAN 30 PPM OXIDES OF NITROGEN (NOX) CALCULATED AS NO₂ MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN OVER A 15 MINUTE AVERAGE WHEN FIRED ON NATURAL GAS.
[RULE 1146]
5. BEGINNING JANUARY 1, 2012, THIS BOILER SHALL EMIT NO MORE THAN 9 PPM OXIDES OF NITROGEN (NOX) CALCULATED AS NO₂ MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN OVER A 15 MINUTE AVERAGE WHEN FIRED ON NATURAL GAS.
[RULE 1146]
6. EMISSIONS OF NOX SHALL NOT EXCEED 40 PPM REFERENCED AT 3% O₂ ON A DRY BASIS, AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES WHENEVER THIS EQUIPMENT IS FIRED WITH OIL.
[RULE 1146]

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7. EMISSIONS OF CO SHALL NOT EXCEED 400 PPM REFERENCED AT 3% O₂ ON A DRY BASIS, AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES.
[RULE 1146]
8. THE BURNER SHALL NOT FIRE ON LESS THAN 5524 SCF/HR OF NATURAL GAS DURING NORMAL OPERATION, NOT INCLUDING START-UPS AND SHUTDOWNS.
[RULE 1146]
9. 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 1146]
10. FUEL OIL SUPPLIED TO THE BURNER SHALL BE NO. 2 OR A LIGHTER GRADE AS DESCRIBED BY THE LATEST ASTM SPECIFICATIONS AND SHALL CONTAIN LESS THAN 0.05 PERCENT SULFUR BY WEIGHT IF PURCHASED PRIOR TO 6/1/04 AND LESS THAN 15 PPM SULFUR BY WEIGHT IF PURCHASED ON OR AFTER 6/1/04.
[RULE 431.2]
11. THE OPERATOR SHALL HAVE THE BURNER EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE THE COMBUSTION AIR, FUEL, AND RECIRCULATION FLUE GAS AS THE BOILER LOAD VARIES. THIS CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO MAINTAIN ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RATE.
[RULE 1146]
12. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN USE WHENEVER THE BOILER IS IN OPERATION.
[RULE 1146]
13. ONLY THREE OF THE FOUR BOILERS SHALL BE OPERATED AT ANY ONE TIME.
[RULE 1146, 1303(b)(2)-OFFSET]
14. THE OPERATOR SHALL PERFORM PERIODIC EMISSION TESTS ON THE BOILER WITH A PORTABLE ANALYZER IN ACCORDANCE WITH THE SCHEDULE AND SPECIFICATIONS OUTLINED IN RULE 1146.
[RULE 1146]
15. THE OPERATOR SHALL CONDUCT A SOURCE TEST ON THE BOILER UNDER THE FOLLOWING CONDITIONS:
 - A. THE INITIAL TEST SHALL BE CONDUCTED WITHIN 60 DAYS AFTER APPROVAL OF THE SOURCE TEST PROTOCOL, BUT NO LATER THAN 180 DAYS AFTER THE PERMIT TO CONSTRUCT IS ISSUED. AFTER THE INITIAL TEST, TESTING SHALL BE CONDUCTED ONCE EVERY 3 YEARS, OR IN ACCORDANCE WITH THE SCHEDULE SPECIFIED IN RULE 1146.
 - B. THE TEST SHALL BE CONDUCTED TO DETERMINE THE EMISSIONS OF NO_x AND CO USING ONE OF THE TEST METHODS SPECIFIED IN RULE 1146. THE TEST SHALL BE

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CONDUCTED OVER 15 MINUTE AVERAGING TIME. THE TEST SHALL BE CONDUCTED DURING GAS FIRING AT A GREATER THAN 90% LOAD, 50% LOAD, AND 25% LOAD. THE TEST SHALL BE CONDUCTED DURING OIL FIRING AT GREATER THAN 90% LOAD ONLY.

- C. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH AN AQMD APPROVED TEST PROTOCOL. THE PROTOCOL SHALL BE SUBMITTED TO THE AQMD ENGINEER NO LATER THAN 45 DAYS BEFORE THE PROPOSED TEST DATE AND SHALL BE APPROVED BY THE AQMD BEFORE THE TEST COMMENCES. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE BOILER DURING THE TESTS, THE IDENTITY OF THE TESTING LAB, A STATEMENT FROM THE TESTING LAB CERTIFYING THAT IT MEETS THE CRITERIA OF RULE 304, AND A DESCRIPTION OF ALL SAMPLING AND ANALYTICAL PROCEDURES. THE AQMD SHALL BE NOTIFIED ON THE DATE AND TIME OF THE TEST AT LEAST 10 DAYS PRIOR TO THE TEST.

[RULE 1146]

Emissions And Requirements:

16. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- CO: 2000 PPMV, RULE 407
 - SOX: 500 PPMV FUEL OIL, RULE 409
 - SOX: 40 PPM NATURAL GAS, RULE 431.1
 - PM: 0.1 GR/SCF, RULE 409
 - CO: 400 PPMV, RULE 1146
 - NOX: 30 PPMV, UNTIL DECEMBER 31, 2011, RULE 1146
 - NOX: 9 PPMV, NATURAL GAS, ON OR AFTER JANUARY 1, 2012, RULE 1146
 - NOX: 40 PPMV FUEL OIL, RULE 1146

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RULE 219 EQUIPMENT

Equipment Description:

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

Periodic Monitoring:

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

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

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

[RULE 3004 (a) (4)]

Emissions And Requirements:

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

VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

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LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

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: 40CFR 82 SUBART F

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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATION.

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

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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, HEATERS, >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