



# South Coast Air Quality Management District

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

March 30, 2010

Gerardo Rios  
Chief – Permits Office  
U.S. EPA – Region IX – Air 3  
75 Hawthorne Street  
San Francisco, CA 94105

Re: Administrative Title V Permit Revision  
Facility ID #006384, LA County, Rancho Los Amigos National Rehabilitation Center

Dear Mr. Rios:

Attached please find the revised Sections D, I and K and Appendix B of the Facility Permit at Rancho Los Amigos National Rehabilitation Center. This is an administrative revision of the Facility Permit to reflect:

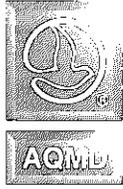
1. the removal of:
  - a spray booth (Permit D30026)
  - 2 IC engines (Permits G1847 and G1848)
  - Rule 219-exempt operations/equipment such as a refrigerant recovery and/or recycling equipment, usage of Class I and Class II refrigerant and usage of halon-fire-extinguishing equipment
2. Rule Maintenance updates as shown in Section K and Emission Limit Rules as shown in Appendix B.
3. Update of Section I

Very truly yours,

Michael D. Mills, P.E.  
Senior Manager  
General Commercial and Energy Team  
Engineering and Compliance

MDM:RGC:TT  
Enclosure  
cc: Title V Facility File

Certified Mail  
Return Receipt Requested



# South Coast Air Quality Management District

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

March 30, 2010

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

Re: Administrative Title V Permit Revision  
Facility ID #006384

Dear Mr. Sweeney:

Attached please find the revised Sections D, I and K and Appendix B of your Facility Permit at Rancho Los Amigos National Rehabilitation Center. This is an administrative revision of the Facility Permit to reflect:

1. the removal of:
  - a spray booth (Permit D30026)
  - 2 IC engines (Permits G1847 and G1848)
  - Rule 219-exempt operations/equipment such as a refrigerant recovery and/or recycling equipment, usage of Class I and Class II refrigerant and usage of halon-fire-extinguishing equipment
2. Rule Maintenance updates as shown in Section K and Emission Limit Rules as shown in Appendix B.
3. Update of Section I

Please review the attachment, insert the enclosed sections into your Facility Permit and discard the earlier versions of the corresponding sections. If you have any questions, please call Thai Tran (909) 396-2562.

Sincerely,

*Michael D. Mills*

Michael D. Mills, P.E.  
Senior Manager  
General Commercial and Energy Team  
Engineering and Compliance

MDM:RGC:TT  
Enclosure  
cc: Title V Facility File

Certified Mail  
Return Receipt Requested

502111 Title V Admin Revision Letter 2010

**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 *Milad Mills for*  
Mohsen Nazemi, P.E.  
Deputy Executive Officer  
Engineering & Compliance



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

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

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**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:

<b>Application number</b>	<b>Permit to Operate number</b>	<b>Equipment description</b>
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

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]



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**LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER**

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**Periodic Monitoring:**

7. THE OPERATOR BE INSTALLED AND MAINTAINED A NON-RESETTABLE LAPPED 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 NO<sub>2</sub>, 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 NO<sub>2</sub>, 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]



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**LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER**

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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]
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 NO<sub>2</sub>, AND 400 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN.  
[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 NO<sub>2</sub>, MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN.  
[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 NO<sub>2</sub>, AND 400 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN.  
[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 NO<sub>2</sub>, MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN.  
[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]



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

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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 NO<sub>2</sub>, 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 NO<sub>2</sub>, 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]



## 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 LAPPED 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]



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

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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 LAPPED 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]



## 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 LAPPED 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. 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]



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

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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



**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]



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

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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



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

### 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-RESETTING 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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**FACILITY PERMIT TO OPERATE**  
**LA CO., RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER**

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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



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

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

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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 SUBART F



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

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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



AGMD

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

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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



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

**SECTION I: PLANS AND SCHEDULES**

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules specified below. The operator shall comply with all conditions specified in the approval of these plans.

Documents pertaining to the plan applications listed below are available for public review at AQMD Headquarters. Any changes to plan applications will require permit modification in accordance with Title V permit revision procedures.

List of approved plans:

Application	Rule
504851	1146

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.



# South Coast Air Quality Management District

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

March 3, 2010

A/N 504851  
Facility ID No. 6384

LA County, Rancho Los Amigos NRC  
7601 E. Imperial Highway  
Downey, CA 90242

Equipment Location Address: 7601 E. Imperial Highway, Downey, CA 90242

Attention: Mr. Robert Sweeney  
Director of Facilities

Dear Mr. Sweeney:

The South Coast Air Quality Management District (AQMD) has reviewed your plan application for Rule 1146 Compliance Application No. 504851 submitted on December 23, 2009. The compliance plan is approved based on the information in your submittal that indicated how the boilers will achieve compliance with Rule with Rule 1146, indicated by the codes selected for each of the boilers.

To comply with these rule requirements, any boiler modifications such as replacement of existing burner, installation of flue gas recirculation system, or installation of new boiler should only be done after it the application (s) submitted for the modifications, etc., has been approved in writing by AQMD.

If you have any questions, please contact Thai Tran at (909) 396-2562.

Very Truly Yours,

A handwritten signature in black ink, appearing to read "Mark Liu", is written over a faint, larger signature.

Mark Liu

Air Quality and Compliance Supervisor

Attachment



South Coast Air Quality Management District  
 ATTN: PERMIT SERVICES  
 21865 E. Copley Drive  
 Diamond Bar, CA 91765-4182  
 (909) 396-2000

# Rule 1146 Compliance Plan

## Applicability:

Only for Group II and/or Group III units with the exception of:

- (1) Boilers used by electric utilities to generate electricity;
- (2) Boilers and process heaters with a rated heat input capacity greater than 40 MMBTU/hr that are used in petroleum refineries; and
- (3) Sulfur plant reaction boilers

### A GROUP II UNIT IS:

any unit burning gaseous fuels, excluding digester and landfill gases, and thermal fluid heaters with a rated heat input less than 75 MMBTU/hr down to and including 20 MMBTU/hr

### A GROUP III UNIT IS:

any unit burning gaseous fuels, excluding digester and landfill gases, and thermal fluid heaters with a rated heat input less than 20 MMBTU/hr down to and including 5 MMBTU/hr, and all units operated at schools and universities greater than or equal to 5 MMBTU/hr

## Table 1 - Codes:

### Exemptions

1	<i>Group III natural gas-fired unit installed or modified prior to 9/5/2008, complying with 12 ppm BACT limit (COMPLIANCE WITH 9 PPM LIMIT DEFERRED UNTIL BURNER REPLACEMENT)</i>
2	<i>Unit in operation prior to 9/5/08 with an annual heat input ≤ 90,000 therms/year (COMPLIANCE WITH 30 PPM LIMIT DEFERRED UNTIL 1/1/2015 OR BURNER REPLACEMENT, WHICHEVER OCCURS LATER)</i>

### Compliance Plan due by 1/1/2010

3	<i>Group II unit included in at least 75% of units by heat input that will be in compliance with 9 ppm limit by 1/1/2012</i>
4	<i>Group II unit included in the remaining 100% of units by heat input that will be in compliance with 9 ppm limit by 1/1/2014</i>
5	<i>Atmospheric (Group III) unit that will be in compliance with 12 ppm limit by 1/1/2014</i>
6	<i>Unit operating in a Health Facility that has been granted a time extension per subdivision (e)(5)</i>

### Compliance Plan due by 1/1/2011

7	<i>Group III unit included in at least 75% of units by heat input that will be in compliance with 9 ppm limit by 1/1/2013</i>
8	<i>Group III unit in the remaining 100% of units by heat input that will be in compliance with 9 ppm limit by 1/1/2015</i>

### Enhanced Compliance Plan due by 1/1/2011

9	<i>Group II unit included in at least 75% of units by heat input that will be in compliance with 5 ppm limit by 1/1/2014</i>
10	<i>Group II unit included in the remaining 100% of units by heat input that will be in compliance with 5 ppm limit by 1/1/2016</i>



South Coast Air Quality Management District  
 ATTN: PERMIT SERVICES  
 21865 E. Copley Drive  
 Diamond Bar, CA 91765-4182  
 (909) 396-2000

# Rule 1146 Compliance Plan

**INSTRUCTIONS:** Enter the equipment information for each Group II and/or Group III unit in your facility below, using the Codes from Table 1. Submit this form, along with Form 400-A and payment, to the AQMD.

Facility ID: 006384

Application Number	Permit Number	Manufacturer	Model Number	Size of unit (MMBTU/hr)	Compliance Plan Option (Enter Code from Table 1)
264880	092935	Nebraska	NS-B-44ECON	29.0	3
264881	092936	Nebraska	NS-B-44ECON	29.0	3
264882	092937	Nebraska	NS-B-44ECON	29.0	3
264883	092861	Nebraska	NS-B-44ECON	29.0	4

- \* Facilities that operate ONLY units that meet options 1 and 2 of Table 1 are not required to submit a compliance plan
- \* The Compliance Plan fee is calculated by the sum of the Plan Filing Fee [Rule 306(c)] and Initial Payment [Rule 306(i)(1)]. The combined fee for the 1/1/2010 Compliance Plan is \$505.35. This amount may change for the 1/1/2011 Compliance Plan. Be sure to refer to the CURRENT Rule amendment when calculating this fee.
- \* If more lines are required for equipment entry, please attach an additional form.
- \* Be advised that after a compliance plan is submitted, owners or operators are responsible for submitting an Application for a Permit to Construct for each applicable unit by the compliance deadlines listed on paragraphs (c)(1) and (c)(2) of Rule 1146.

**Did You Remember?**

1. To provide all information in Form 400-A?
2. To provide all information in the Compliance Plan form?
3. To provide the required fee?



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

**SECTION K: TITLE V Administration**

**GENERAL PROVISIONS**

1. This permit may be revised, revoked, reopened and reissued, or terminated for cause, or for failure to comply with regulatory requirements, permit terms, or conditions. [3004(a)(7)(C)]
2. This permit does not convey any property rights of any sort or any exclusive privilege. [3004(a)(7)(E)]

**Permit Renewal and Expiration**

3. (A) Except for solid waste incineration facilities subject to standards under section 129(e) of the Clean Air Act, this permit shall expire five years from the date that this Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2), 3004(f)]  
  
(B) A Title V permit for a solid waste incineration facility combusting municipal waste subject to standards under Section 129(e) of the Clean Air Act shall expire 12 years from the date of issuance unless such permit has been renewed pursuant to this regulation. These permits shall be reviewed by the Executive Officer at least every five years from the date of issuance. [3004(f)(2)]
4. To renew this permit, the operator shall submit to the Executive Officer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

**Duty to Provide Information**

5. The applicant for, or holder of, a Title V permit shall furnish, pursuant to Rule 3002(d) and (e), timely information and records to the Executive Officer or designee within a reasonable time as specified in writing by the Executive Officer or designee. [3004(a)(7)(F)]

**Payment of Fees**

6. The operator shall pay all required fees specified in Regulation III - Fees. [3004(a)(7)(G)]



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

**SECTION K: TITLE V Administration**

**Reopening for Cause**

7. The Executive Officer will reopen and revise this permit if any of the following circumstances occur:
- (A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the effective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) of Rule 3004.
  - (B) The Executive Officer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
  - (C) The Executive Officer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [3005(g)(1)]

**COMPLIANCE PROVISIONS**

8. The operator shall comply with all regulatory requirements, and all permit terms and conditions, except:
- (A) As provided for by the emergency provisions of condition no. 17 or condition no. 18, or
  - (B) As provided by an alternative operating condition granted pursuant to a federally approved (SIP-approved) Rule 518.2.

Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]



**FACILITY PERMIT TO OPERATE**  
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9. The operator shall allow the Executive Officer or authorized representative, upon presentation of appropriate credentials to:
- (A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;
  - (B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
  - (C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
  - (D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]
10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate offense. [3004(g)]
11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise affect the remaining portions of this permit. [3007(b)]
12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay any permit condition. [3004(a)(7)(D)]
13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]



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14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]
15. Nothing in this permit or in any permit shield can alter or affect:
- (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;
  - (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;
  - (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;
  - (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;
  - (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and
  - (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]
16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]



**FACILITY PERMIT TO OPERATE**  
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**SECTION K: TITLE V Administration**  
**EMERGENCY PROVISIONS**

17. An emergency<sup>1</sup> constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limit only if:

(A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:

(1) An emergency occurred and the operator can identify the cause(s) of the emergency;

(2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;

(3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,

(4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and

(B) The operator complies with the breakdown provisions of Rule 430 – Breakdown Provisions, or subdivision (i) of Rule 2004 – Requirements, whichever is applicable. [3002(g), 430, 2004(i)]

18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

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<sup>1</sup> "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.



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**SECTION K: TITLE V Administration**  
**RECORDKEEPING PROVISIONS**

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:
- (A) The date, place as defined in the Title V permit, and time of sampling or measurements;
  - (B) The date(s) analyses were performed;
  - (C) The company or entity that performed the analyses;
  - (D) The analytical techniques or methods used;
  - (E) The results of such analyses; and
  - (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]
20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]
21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

**REPORTING PROVISIONS**

22. The operator shall comply with the following requirements for prompt reporting of deviations:
- (A) Breakdowns shall be reported as required by Rule 430 – Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.



**FACILITY PERMIT TO OPERATE**  
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- (B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.
  - (C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.
  - (D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]
23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]
24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:
- (A) Identification of each permit term or condition that is the basis of the certification;



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- (B) The compliance status during the reporting period;
- (C) Whether compliance was continuous or intermittent;
- (D) The method(s) used to determine compliance over the reporting period and currently, and
- (E) Any other facts specifically required by the Executive Officer to determine compliance.

The EPA copy of the certification shall be sent to: Director of the Air Division Attn:  
Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]

25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]

**PERIODIC MONITORING**

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the TitleV application file. [3004(a)(4)]



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*FACILITY RULES*

*This facility is subject to the following rules and regulations*

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 1104	8-13-1999	Federally enforceable
RULE 1107	1-6-2006	Non federally enforceable
RULE 1107	11-9-2001	Federally enforceable
RULE 1110.2	2-1-2008	Non federally enforceable
RULE 1113	11-8-1996	Federally enforceable
RULE 1113	7-13-2007	Non federally enforceable
RULE 1146	11-17-2000	Federally enforceable
RULE 1146	9-5-2008	Non federally enforceable
RULE 1146.2	5-5-2006	Federally enforceable
RULE 1171	11-7-2003	Federally enforceable
RULE 1171	5-1-2009	Non federally enforceable
RULE 1303(a)(1)-BACT	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1304(a)-Modeling and Offset Exemption	6-14-1996	Federally enforceable
RULE 1401	3-7-2008	Non federally enforceable
RULE 1470	6-1-2007	Non federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable



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<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 409	8-7-1981	Federally enforceable
RULE 429	12-21-1990	Non federally enforceable
RULE 431.1	6-12-1998	Federally enforceable
RULE 431.2	5-4-1990	Federally enforceable
RULE 431.2	9-15-2000	Non federally enforceable
RULE 442	12-15-2000	Federally enforceable
RULE 481	1-11-2002	Federally enforceable
40CFR 63 Subpart O	11-2-2001	Federally enforceable
40CFR 82 Subpart F	5-14-1993	Federally enforceable



**FACILITY PERMIT TO OPERATE  
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**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1107 01-06-2006]**

Except as otherwise provided in Rule 1107

(1) VOC Content of Coatings

A person shall not apply to metal parts and products subject to the provisions of this rule any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below:

VOC LIMITS Less Water and Less Exempt Compounds Effective Dates								
Coating	Air-Dried				Baked			
	gm/l		lb/gal		gm/l		lb/gal	
	Current	7/1/07	Current	7/1/07	Current	7/1/07	Current	7/1/07
General One-Component	275	275	2.3	2.3	275	275	2.3	2.3
General Multi-Component	340	340	2.8	2.8	275	275	2.3	2.3
Military Specification	340	340	2.8	2.8	275	275	2.3	2.3
Etching Filler	420	420	3.5	3.5	420	420	3.5	3.5
Solar-Absorbent	420	420	3.5	3.5	360	360	3.0	3.0
Heat-Resistant	420	420	3.5	3.5	360	360	3.0	3.0
Extreme High-Gloss	420	340	3.5	2.8	360	360	3.0	3.0
Metallic	420	420	3.5	3.5	420	420	3.5	3.5



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**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1107 01-06-2006]**

<b>VOC LIMITS</b>								
<b>Less Water and Less Exempt Compounds</b>								
<b>Effective Dates, cont.</b>								
<b>Coating</b>	<b>Air-Dried</b>				<b>Baked</b>			
	<b>gm/l</b>		<b>lb/gal</b>		<b>gm/l</b>		<b>lb/gal</b>	
	<b>Current</b>	<b>7/1/07</b>	<b>Current</b>	<b>7/1/07</b>	<b>Current</b>	<b>7/1/07</b>	<b>Current</b>	<b>7/1/07</b>
Extreme Performance	420	420	3.5	3.5	360	360	3.0	3.0
Prefabricated Architectural One-Component	420	275	3.5	2.3	275	275	2.3	2.3
Prefabricated Architectural Multi-Component	420	340	3.5	2.8	275	275	2.3	2.3
Touch Up	420	420	3.5	3.5	360	360	3.0	3.0
Repair	420	420	3.5	3.5	360	360	3.0	3.0
Silicone Release	420	420	3.5	3.5	420	420	3.5	3.5
High-Performance Architectural	420	420	3.5	3.5	420	420	3.5	3.5
Camouflage	420	420	3.5	3.5	420	420	3.5	3.5
Vacuum-Metalizing	420	420	3.5	3.5	420	420	3.5	3.5
Mold-Seal	420	420	3.5	3.5	420	420	3.5	3.5
High-Temperature	420	420	3.5	3.5	420	420	3.5	3.5
Electric-Insulating Varnish	420	420	3.5	3.5	420	420	3.5	3.5
Pan Backing	420	420	3.5	3.5	420	420	3.5	3.5
Pretreatment Coatings	420	420	3.5	3.5	420	420	3.5	3.5



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**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 1107 01-06-2006]**

- (2) A person shall not use VOC-containing materials which have a VOC content of more than 200 grams per liter of material for stripping any coating governed by this rule.



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

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1107 11-09-2001]**

Except as otherwise provided in Rule 1107

(1) VOC Content of Coatings

A person shall not apply to metal parts and products subject to the provisions of this rule any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below:

VOC LIMITS Less Water and Less Exempt Compounds Effective Dates								
Coating	Air-Dried				Baked			
	gm/l		lb/gal		gm/l		lb/gal	
	Current	7/1/07	Current	7/1/07	Current	7/1/07	Current	7/1/07
General One-Component	275	275	2.3	2.3	275	275	2.3	2.3
General Multi-Component	340	340	2.8	2.8	275	275	2.3	2.3
Military Specification	340	340	2.8	2.8	275	275	2.3	2.3
Etching Filler	420	420	3.5	3.5	420	420	3.5	3.5
Solar-Absorbent	420	420	3.5	3.5	360	360	3.0	3.0
Heat-Resistant	420	420	3.5	3.5	360	360	3.0	3.0
Extreme High-Gloss	420	340	3.5	2.8	360	360	3.0	3.0
Metallic	420	420	3.5	3.5	420	420	3.5	3.5



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

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1107 11-09-2001]**

Except as otherwise provided in Rule 1107

(1) VOC Content of Coatings

A person shall not apply to metal parts and products subject to the provisions of this rule any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below:

VOC LIMITS Less Water and Less Exempt Compounds Effective Dates								
Coating	Air-Dried				Baked			
	gm/l		lb/gal		gm/l		lb/gal	
	Current	7/1/07	Current	7/1/07	Current	7/1/07	Current	7/1/07
General One-Component	275	275	2.3	2.3	275	275	2.3	2.3
General Multi-Component	340	340	2.8	2.8	275	275	2.3	2.3
Military Specification	340	340	2.8	2.8	275	275	2.3	2.3
Etching Filler	420	420	3.5	3.5	420	420	3.5	3.5
Solar-Absorbent	420	420	3.5	3.5	360	360	3.0	3.0
Heat-Resistant	420	420	3.5	3.5	360	360	3.0	3.0
Extreme High-Gloss	420	340	3.5	2.8	360	360	3.0	3.0
Metallic	420	420	3.5	3.5	420	420	3.5	3.5



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

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1107 11-09-2001]**

VOC LIMITS Less Water and Less Exempt Compounds Effective Dates, cont.								
Coating	Air-Dried				Baked			
	gm/l		lb/gal		gm/l		lb/gal	
	Current	7/1/07	Current	7/1/07	Current	7/1/07	Current	7/1/07
Extreme Performance	420	420	3.5	3.5	360	360	3.0	3.0
Prefabricated Architectural One-Component	420	275	3.5	2.3	275	275	2.3	2.3
Prefabricated Architectural Multi-Component	420	340	3.5	2.8	275	275	2.3	2.3
Touch Up	420	420	3.5	3.5	360	360	3.0	3.0
Repair	420	420	3.5	3.5	360	360	3.0	3.0
Silicone Release	420	420	3.5	3.5	420	420	3.5	3.5
High-Performance Architectural	420	420	3.5	3.5	420	420	3.5	3.5
Camouflage	420	420	3.5	3.5	420	420	3.5	3.5
Vacuum-Metalizing	420	420	3.5	3.5	420	420	3.5	3.5
Mold-Seal	420	420	3.5	3.5	420	420	3.5	3.5
High-Temperature	420	420	3.5	3.5	420	420	3.5	3.5
Electric-Insulating Varnish	420	420	3.5	3.5	420	420	3.5	3.5
Pan Backing	420	420	3.5	3.5	420	420	3.5	3.5
Pretreatment Coatings	420	420	3.5	3.5	420	420	3.5	3.5

- (2) A person shall not use VOC-containing materials which have a VOC content of more than 200 grams per liter of material for stripping any coating governed by this rule.



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

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1113 11-08-1996]**

- (1) Except as provided in paragraphs (c)(2), (c)(3), and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, or solicit the application of, any architectural coating which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, or manufacture, blend, or repackage such a coating for use within the District.
- (2) Except as provided in paragraphs (c)(3) and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, solicit the application of, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified.

**TABLE OF STANDARDS**

**VOC LIMITS**

**Grams of VOC Per Liter of Coating,  
Less Water And Less Exempt Compounds**

COATING	Limit*	Effective Date of Adoption	Effective 1/1/1998	Effective 1/1/1999	Effective 7/1/2001	Effective 1/1/2005	Effective 7/1/2008
Bond Breakers	350						
Clear Wood Finishes							
Varnish	350						
Sanding Sealers	350						
Lacquer	680		550			275	
Concrete-Curing Compounds	350						
Dry-Fog Coatings	400						
Fire-proofing Exterior Coatings	350	450		350			
Fire-Retardant Coatings							
Clear	650						
Pigmented	350						
Flats	250				100		50
Graphic Arts (Sign) Coatings	500						



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

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1113 11-08-1996]**

Industrial Maintenance						
Primers and Topcoats						
Alkyds	420					
Catalyzed Epoxy	420					
Bituminous Coatings	420					
Materials						
Inorganic Polymers	420					
Vinyl Chloride Polymers	420					
Chlorinated Rubber	420					
Acrylic Polymers	420					
Urethane Polymers	420					
Silicones	420					
Unique Vehicles	420					
Japans/Faux Finishing	350	700		350		
Coatings						
Magnesite Cement Coatings	600			450		
Mastic Coatings	300					
Metallic Pigmented Coatings	500					
Multi-Color Coatings	420		250			
Pigmented Lacquer	680		550			
Pre-Treatment Wash Primers	780				275	
Primers, Sealers, and	350					
Undercoaters						
Quick-Dry Enamels	400					
Roof Coatings	300					
Shellac						
Clear	730					
Pigmented	550					
Stains	350					
Swimming Pool Coatings						
Repair	650					
Other	340					
Traffic Coatings	250		150			
Waterproofing Sealers	400					
Wood Preservatives						
Below-Ground	350					
Other	350					

\* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards

**TABLE OF STANDARDS (cont.)**

**VOC LIMITS**

**Grams of VOC Per Liter of Material**

COATING	Limit
Low-Solids Coating	120



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

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1113 07-13-2007]**

- (1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.
- (2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings, except anti-graffiti coatings, for residential use or for use in areas such as office space and meeting rooms of industrial, commercial or institutional facilities not exposed to such extreme environmental conditions described in the definition of industrial maintenance coatings; or of any rust-preventative coating for industrial use, unless such a rust preventative coating complies with the Industrial Maintenance Coating VOC limit specified in the Table of Standards.



**FACILITY PERMIT TO OPERATE  
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**APPENDIX B: RULE EMISSION LIMITS  
 [RULE 1113 07-13-2007]  
 TABLE OF STANDARDS  
 VOC LIMITS**

**Grams of VOC Per Liter of Coating,  
 Less Water and Less Exempt Compounds**

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Bond Breakers	350							
Clear Wood Finishes	350					275		
Varnish	350					275		
Sanding Sealers	350					275		
Lacquer	680	550			275			
Clear Brushing Lacquer	680				275			
Concrete-Curing Compounds	350						100	
Concrete-Curing Compounds For Roadways and Bridges**	350							
Dry-Fog Coatings	400						150	
Fire-Proofing Exterior Coatings	450	350						
Fire-Retardant Coatings***								
Clear	650							
Pigmented	350							
Flats	250	100						50
Floor Coatings	420		100			50		
Graphic Arts (Sign) Coatings	500							
Industrial Maintenance (IM) Coatings	420			250		100		
High Temperature IM Coatings			420					
Zinc-Rich IM Primers	420		340			100		
Japans/Faux Finishing Coatings	700	350						
Magnesite Cement Coatings	600	450						
Mastic Coatings	300							
Metallic Pigmented Coatings	500							
Multi-Color Coatings	420	250						
Nonflat Coatings	250		150			50		



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

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1113 07-13-2007]**

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Nonflat High Gloss	250		150				50	
Pigmented Lacquer	680	550			275			
Pre-Treatment Wash Primers	780		420					
Primers, Sealers, and Undercoaters	350		200			100		
Quick-Dry Enamels	400		250			150	50	
Quick-Dry Primers, Sealers, and Undercoaters	350		200			100		
Recycled Coatings			250					
Roof Coatings	300		250		50			
Roof Coatings, Aluminum	500				100			
Roof Primers, Bituminous	350		350					
Rust Preventative Coatings	420		400			100		
Shellac								
Clear	730							
Pigmented	550							
Specialty Primers	350					250	100	
Stains	350		250				100	
Stains, Interior	250							
Swimming Pool Coatings								
Repair	650		340					
Other	340							
Traffic Coatings	250	150					100	
Waterproofing Sealers	400		250			100		
Waterproofing Concrete/Masonry Sealers	400					100		
Wood Preservatives								
Below-Ground	350							
Other	350							

\* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.

\*\* Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

\*\*\* The Fire-Retardant Coating category will be eliminated on January 1, 2007 and subsumed by the coating category for which they are formulated.



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

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1113 07-13-2007]**

**TABLE OF STANDARDS (cont.)  
VOC LIMITS**

**Grams of VOC Per Liter of Material**

<b>COATING</b>	<b>Limit</b>
Low-Solids Coating	120



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

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1171 11-07-2003]**

**(1) Solvent Requirements**

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
<b>(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application</b>	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	500 (4.2)
(iii) Medical Devices & Pharmaceuticals	800 (6.7)
<b>(B) Repair and Maintenance Cleaning</b>	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)



**FACILITY PERMIT TO OPERATE  
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**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1171 11-07-2003]**

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(iii) Medical Devices & Pharmaceuticals	
(A) Tools, Equipment, & Machinery	800 (6.7)
(B) General Work Surfaces	600 (5.0)
(C) Cleaning of Coatings or Adhesives Application Equipment	550 (4.6)
(D) Cleaning of Ink Application Equipment	
(i) General	25 (0.21)
(ii) Flexographic Printing	25 (0.21)
(iii) Gravure Printing	
(A) Publication	750 (6.3)
(B) Packaging	25 (0.21)
(iv) Lithographic or Letter Press Printing	



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

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1171 11-07-2003]**

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(A) Roller Wash – Step 1	600 (5.0)
(B) Roller Wash-Step 2, Blanket Wash, & On-Press Components	800 (6.7)
(C) Removable Press Components	25 (0.21)
(v) Screen Printing	750 (6.3)
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	800 (6.7)
(vii) Specialty Flexographic Printing	600 (5.0)
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)



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

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1171 05-01-2009]**

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

	<b>CURRENT LIMITS*</b>	<b>EFFECTIVE 1/1/2010</b>
<b>SOLVENT CLEANING ACTIVITY</b>	<b>VOC g/l (lb/gal)</b>	<b>VOC g/l (lb/gal)</b>
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	
(iii) Medical Devices & Pharmaceuticals	800 (6.7)	
(B) Repair and Maintenance Cleaning		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	



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

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1171 05-01-2009]**

	<b>CURRENT LIMITS*</b>	<b>EFFECTIVE 1/1/2010</b>
<b>SOLVENT CLEANING ACTIVITY (cont.)</b>	<b>VOC g/l (lb/gal)</b>	<b>VOC g/l (lb/gal)</b>
(iii) Medical Devices & Pharmaceuticals		
(A) Tools, Equipment, & Machinery	800 (6.7)	
(B) General Work Surfaces	600 (5.0)	
(C) Cleaning of Coatings or Adhesives Application Equipment	25 (0.21)	
(D) Cleaning of Ink Application Equipment		
(i) General	25 (0.21)	
(ii) Flexographic Printing	25 (0.21)	
(iii) Gravure Printing		
(A) Publication	100 (0.83)	
(B) Packaging	25 (0.21)	
(iv) Lithographic (Offset) or Letter Press Printing		
(A) Roller Wash, Blanket Wash, & On-Press Components	100 (0.83)	



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

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1171 05-01-2009]**

	<b>CURRENT LIMITS*</b>	<b>EFFECTIVE 1/1/2010</b>
<b>SOLVENT CLEANING ACTIVITY (cont.)</b>	<b>VOC g/l (lb/gal)</b>	<b>VOC g/l (lb/gal)</b>
(B) Removable Press Components	25 (0.21)	
(v) Screen Printing	100 (0.83)	
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	100 (0.83)
(vii) Specialty Flexographic Printing	100 (0.83)	
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)	

\* The specified limits remain in effect unless revised limits are listed in subsequent columns.



**FACILITY PERMIT TO OPERATE  
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**APPENDIX B: RULE EMISSION LIMITS  
[RULE 404 02-07-1986]**

The operator shall not discharge into the atmosphere from this equipment, particulate matter in excess of the concentration at standard conditions, shown in Table 404(a).

Where the volume discharged is between figures listed in the Table, the exact concentration permitted to be discharged shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

**TABLE 404(a)**

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
25 or less	883 or less	450	0.196	900	31780	118	0.0515
30	1059	420	.183	1000	35310	113	.0493
35	1236	397	.173	1100	38850	109	.0476
40	1413	377	.165	1200	42380	106	.0463
45	1589	361	.158	1300	45910	102	.0445



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

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 404 02-07-1986]**

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
50	1766	347	.152	1400	49440	100	.0437
60	2119	324	.141	1500	52970	97	.0424
70	2472	306	.134	1750	61800	92	.0402
80	2825	291	.127	2000	70630	87	.0380
90	3178	279	.122	2250	79460	83	.0362
100	3531	267	.117	2500	88290	80	.0349
125	4414	246	.107	3000	105900	75	.0327
150	5297	230	.100	4000	141300	67	.0293
175	6180	217	.0947	5000	176600	62	.0271
200	7063	206	.0900	6000	211900	58	.0253
250	8829	190	.0830	8000	282500	52	.0227
300	10590	177	.0773	10000	353100	48	.0210
350	12360	167	.0730	15000	529700	41	.0179
400	14130	159	.0694	20000	706300	37	.0162
450	15890	152	.0664	25000	882900	34	.0148



**FACILITY PERMIT TO OPERATE  
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**APPENDIX B: RULE EMISSION LIMITS  
[RULE 404 02-07-1986]**

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
500	17660	146	.0637	30000	1059000	32	.0140
600	21190	137	.0598	40000	1413000	28	.0122
700	24720	129	.0563	50000	1766000	26	.0114
800	28250	123	.0537	70000 or more	2472000 or more	23	.0100