South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 · www.aqmd.gov

October 31, 2013

Mr. Anthony Falbo
Senior Vice President - Operations
Fortistar Methane Group
5087 Junction Road
Lockport, NY 14094

SUBJECT: Transmittal of Final Title V Renewal Facility Permits

Facility ID	Facility Name	Address
129659	NM Colton Genco , LLC	1230 Tropica Ranch Road, Colton, CA 92324
129660	NM Mid Valley Genco , LLC	30 Bohnert Rd., Rialto, CA 92377
129661	NM Milliken Genco , LLC	2050 S. Milliken Ave., Ontario, CA 91761

Dear Mr. Falbo,

Enclosed are the Title V Renewal Facility Permits for the facilities listed above that have been issued by the South Coast Air Quality Management District (SCAQMD). Effective October 31, 2013, these Title V Permits supersede all previous Title V Permits that have been issued by the SCAQMD to the above mentioned facilities. The draft copy of these permits were submitted to EPA for a 45-day review period and made available for a 30-day public comment period. The SCAQMD did not receive any comments from the public or EPA on the draft permits.

Please review these facility permits carefully. If you determine any administrative errors in the permits, have any questions, or need additional information concerning these permits, please contact Mr. Charles Tupac of the Energy/Public Services/Waste Mgmt/Terminals by email at ctupac@aqmd.gov or by phone at (909) 396-2684 within 30 days of the receipt of your permit. A copy of these permits shall be maintained at the respective facility at all times.

Sincerely,

Andrew Lee, P.E.
Sr. Air Quality Engineering Manager
Energy/Public Services/Waste Mgmt/Terminals

AL:CDT:AM
cc: (w/enclosure)
Gerardo Rios, EPA Region IX
Compliance
Title V Central file
Title V Application File

FACILITY PERMIT TO OPERATE

NM MID VALLEY GENCO LLC
30 BOHNERT RD
RIALTO, CA 92377

NOTICE

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

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

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

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

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

TABLE OF CONTENTS

Section	Description	Revision #	Date Issued
A	Facility Information	3	10/31/2013
B	RECLAIM Annual Emission Allocation	2	10/31/2013
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	3	10/31/2013
E	Administrative Conditions	2	10/31/2013
F	RECLAIM Monitoring and Source Testing Requirements	2	10/31/2013
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	2	10/31/2013
H	Permit To Construct and Temporary Permit to Operate	2	10/31/2013
I	Compliance Plans & Schedules	3	10/31/2013
J	Air Toxics	2	10/31/2013
K	Title V Administration	2	10/31/2013
Appendix			
A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	2	10/31/2013
B	Rule Emission Limits	2	10/31/2013

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR:	NM MID VALLEY GENCO LLC
LEGAL OPERATOR (if different than owner):	
EQUIPMENT LOCATION:	30 BOHNERT RD RIALTO, CA 92377
MAILING ADDRESS:	5087 JUNCTION RD LOCKPORT, NY 14094
RESPONSIBLE OFFICIAL:	ANTHONY FALBO
TITLE:	SENIOR VICE PRESIDENT - OPERATIONS
TELEPHONE NUMBER:	(716) 439-1004
CONTACT PERSON:	SUPARNA CHAKLADAR
TITLE:	VICE PRESIDENT
TELEPHONE NUMBER:	(951) 833-4153
TITLE V PERMIT ISSUED:	October 31, 2013
TITLE V PERMIT EXPIRATION DATE:	October 30, 2018

TITLE V	RECLAIM	
YES	NOx:	NO
	SOx:	NO
	CYCLE:	0
	ZONE:	INLAND

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NM MID VALLEY GENCO LLC

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

NOT APPLICABLE

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NM MID VALLEY GENCO LLC

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)

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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.

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NM MID VALLEY GENCO, LLC

PERMITTED EQUIPMENT LIST

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

Application number	Permit to Operate number	Equipment description	Page
515472	G17019	ICE (>500HP) LANDFILL GAS	4
515473	G17020	ICE (>500HP) LANDFILL GAS	9

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
NM MID VALLEY GENCO, LLC

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 LANDFILL GAS CONTAINING SULFUR COMPOUNDS IN EXCESS OF 150 PPMV CALCULATED AS HYDROGEN SULFIDE AVERAGED DAILY. [RULE 431.1]

3. THIS FACILITY IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

   GASEOUS EMISSIONS: 1150.1
   GASEOUS EMISSIONS: 40CFR63 SUBPART AAAA
   GASEOUS EMISSIONS: 40CFR60 SUBPART WWW

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO, LLC

PERMIT TO OPERATE

Permit No. G17019
A/N 515472

Equipment Description:

RESOURCE RECOVERY SYSTEM NO. 1 CONSISTING OF:

1. INTERNAL COMBUSTION ENGINE NO. 1, DEUTZ, MODEL TBG620V16K, SIXTEEN CYLINDER, 1850 BHP, LEAN BURN, LANDFILL GAS FIRED, TURBOCHARGED AND INTERCOOLED DRIVING AN ELECTRICAL GENERATOR.

2. RADIATOR WITH FANS.

3. ANCILLARY SKID WITH MUFFLER, HEAT EXCHANGER, FILTER, INTERCOOLER AND EXHAUST STACK.

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) OPERATION OF THIS EQUIPMENT SHALL NOT RESULT IN THE EMISSION OF RAW LANDFILL GAS TO THE ATMOSPHERE.
[RULE 1150.1]

4) A SAMPLING PORT SHALL BE INSTALLED IN THE LANDFILL GAS LINE TO THE ENGINE TO ALLOW THE COLLECTION OF A GAS SAMPLE.
[RULE 431.1]

5) A FLOW INDICATING AND RECORDING DEVICE SHALL BE INSTALLED IN THE LANDFILL GAS SUPPLY LINE TO THE ENGINE.
[RULE 1303(b)(2)-OFFSETS]

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6) THE HEATING VALUE OF LANDFILL GAS BURNED IN THIS ENGINE SHALL NOT EXCEED 16.5 MMBTU/HR, BASED ON A 1-HOUR AVERAGE. THE LANDFILL GAS FLOW RATE TO THE ENGINE, THE METHANE CONTENT OF THE LANDFILL GAS AND THE GROSS ELECTRICAL OUTPUT (KW) SHALL BE MEASURED EVERY 15-MINUTES. THE HEATING VALUE OF THE LANDFILL GAS SHALL BE CALCULATED BY TWO METHODS:

METHOD 1:
(MEASURED METHANE VOLUME FRACTION) X (MEASURED FLOW RATE) X (1,010 BTU/SCF)

METHOD 2:
(MEASURED GROSS KW OUTPUT) X (13,080 BTU/KW-HR)

THE OPERATOR SHALL KEEP A LOG OF THE AVERAGE HOURLY HEATING VALUE OF THE LANDFILL GAS BURNED, CALCULATED BY BOTH METHODS. THE OPERATOR SHALL INDICATE IN THE LOG THE METHOD USED TO DETERMINE COMPLIANCE.
[RULE 1303 (b)(2)-OFFSETS]

7) THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.
[RULE 1110.2]

8) THE ENGINE SHALL ONLY USE LANDFILL GAS AS A FUEL.
[RULE 204]

9) THE OPERATOR SHALL KEEP A MONTHLY OPERATING LOG THAT INCLUDES:
A. TOTAL HOURS OF OPERATION.
B. TOTAL CUBIC FEET OF LANDFILL GAS CONSUMED.
C. CUMULATIVE HOURS OF OPERATION SINCE THE LAST SOURCE TEST.
[RULE 1110.2]

10) THE OPERATOR SHALL REPORT ANY BREAKDOWN RESULTING IN EMISSIONS IN EXCESS OF RULE OR PERMIT LIMITS PER THE REQUIREMENTS OF SCAQMD RULE 1110.2.
[RULE 1110.2]

11) TWO SAMPLING PORTS MUST BE PROVIDED IN THE ENGINE EXHAUST DUCT, 8-10 DUCT DIAMETERS DOWNSTREAM AND TWO DUCT DIAMETERS UPSTREAM OF ANY FLOW DISTURBANCE, AND SHALL CONSIST OF TWO 4 INCH WELD NIPPLES WITH PLUGS, 90 DEGREES APART. AN EQUIVALENT METHOD FOR EMISSION SAMPLING MAY BE USED UPON APPROVAL OF THE AQMD. ADEQUATE AND SAFE ACCESS TO THE TEST PORTS MUST BE SUPPLIED BY THE APPLICANT.
[RULE 217]

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO, LLC

12) APPLICANT SHALL CONDUCT AN ANNUAL PERFORMANCE TEST OF THE ENGINE IN ACCORDANCE WITH AQMD TEST PROCEDURES AND FURNISH THE AQMD A WRITTEN RESULT OF SUCH PERFORMANCE TEST. WRITTEN NOTICE OF THE PERFORMANCE TEST SHALL BE PROVIDED TO THE AQMD 10 DAYS PRIOR TO THE TEST SO THAT AN OBSERVER MAY BE PRESENT. A TEST PROTOCOL SHALL BE SUBMITTED FOR APPROVAL AT LEAST 60 DAYS PRIOR TO TESTING.

THE PERFORMANCE TEST SHALL INCLUDE, BUT SHALL NOT BE LIMITED TO A TEST OF THE INLET AND EXHAUST GASES, FOR THE FOLLOWING:

A. METHANE
B. TOTAL NON-METHANE HYDROCARBONS
C. OXIDES OF NITROGEN (EXHAUST ONLY)
D. CARBON MONOXIDE (EXHAUST ONLY)
E. PARTICULATES (EXHAUST ONLY)
F. TOTAL SULFUR COMPOUNDS AS H2S (INLET ONLY)
G. FLOW RATE
H. OXYGEN
I. NITROGEN
J. CARBON DIOXIDE
K. MOISTURE
L. TEMPERATURE
M. TOXIC AIR CONTAMINANTS INCLUDING BENZENE, CHLOROBENZENE, 1,2-DICHLORORETHANE, 1,1-DICHLOROETHANE, DICHLOROMETHANE, TETRACHLOROETHYLENE, TETRACHLOROMETHANE, TOLUENE, 1,1,1-TRICHLOROETHANE, TRICHLOROETHYLENE, TRICHLOROMETHANE, VINYL CHLORIDE AND XYLENES (EXHAUST ONLY).
N. GROSS ELECTRICAL POWER OUTPUT
O. ENGINE HOUR-METER READING

[RULE 1110.2, 1150.1, 218, 1303(a)(1)-BACT, 1303(b)(2)-OFFSETS, 1401]

13) THE EMISSIONS FROM THE ENGINE SHALL NOT EXCEED THE FOLLOWING:

AIR CONTAMINANT	LBS/HR
REACTIVE HYDROCARBONS	3.27
NITROGEN OXIDE	2.44
SULFUR DIOXIDE	0.47
CARBON MONOXIDE	10.2
PARTICULATES	0.32

[RULE 1303(b)(2)-OFFSETS]

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14) REACTIVE HYDROCARBON EMISSIONS FROM THE ENGINE SHALL NOT EXCEED 391 PPMV AS METHANE, WITH NO OXYGEN CORRECTION.
[RULE 1303(a)(1)-BACT]

15) OXIDES OF NITROGEN EMISSIONS FROM THE ENGINE SHALL NOT EXCEED 102 PPMV, WITH NO OXYGEN CORRECTION.
[RULE 1303(a)(1)-BACT]

16) CARBON MONOXIDE EMISSIONS FROM THE ENGINE SHALL NOT EXCEED 697 PPMV, WITH NO OXYGEN CORRECTION.
[RULE 1303(a)(1)-BACT]

17) A CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS) SHALL BE INSTALLED AND OPERATED TO MEASURE THE ENGINE EXHAUST CONCENTRATION FOR NOX AND O2 ON A DRY BASIS. IN ADDITION, THE SYSTEM SHALL CONVERT THE ACTUAL NOX CONCENTRATION TO A CORRECTED NOX CONCENTRATION AT 15% O2. THIS MONITORING SYSTEM SHALL COMPLY WITH THE REQUIREMENTS OF AQMD RULE 218. PRIOR TO INSTALLATION, THIS MONITORING SYSTEM SHALL BE APPROVED IN WRITING BY THE AQMD.
[RULE 218, 1110.2]

18) THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:

THE EXHAUST O2 SHALL BE MAINTAINED IN THE RANGE OF 5.10% TO 9.66% WHENEVER THE ENGINE IS IN OPERATION EXCEPT DURING PERIODS OF STARTUP AND SHUTDOWN.

A CONTINUOUS EXHAUST OXYGEN MONITORING AND RECORDING SYSTEM SHALL BE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED AT LEAST QUARTERLY IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN THE OXYGEN CONTENT LESS THAN 5.10% OR GREATER THAN 9.66% OF THE EXHAUST FROM THE ENGINE, AVERAGED OVER ONE HOUR, OCCURS DURING NORMAL OPERATION EXCEPT DURING STARTUPS OR SHUTDOWNS NOT TO EXCEED 30 MINUTES. THE OPERATOR SHALL REVIEW THE RECORDS OF OXYGEN PERCENTAGE EACH DAY THE ENGINE IS OPERATED TO DETERMINE IF A DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

ALL DEVIATIONS SHALL BE REPORTED TO THE SCAQMD ON A SEMI-ANNUAL BASIS PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITION NOS. 22 AND 23 IN SECTION K. OF THIS PERMIT.

FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K, WHENEVER A DEVIATION OCCURS FROM THE EXHAUST OXYGEN CONTENT, THE OPERATOR SHALL TAKE IMMEDIATE CORRECTIVE ACTION UPON DETECTION, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.

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A SEMI-ANNUAL MONITORING REPORT SHALL BE SUBMITTED TO SCAQMD, WHICH SHALL INCLUDE BUT MAY NOT BE LIMITED TO THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD.

THE OWNER OR OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO SCAQMD IF AN ACCUMULATION OF DEVIATIONS FOR PARAMETERS MONITORED EXCEEDS 5% DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE SCAQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE OF THE SEMI-ANNUAL MONITORING REPORT.
[40 CFR 64]

19) ALL RECORDS, SUCH AS MONTHLY OPERATING LOG, GROSS ELECTRICAL POWER OUTPUT, MAINTENANCE RECORDS AND PERFORMANCE TEST RESULTS, SHALL BE MAINTAINED FOR FIVE YEARS AND MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
[RULE 1150.1, 1303(b)(2)-OFFSETS, 40 CFR 64]

20) THIS ENGINE SHALL NOT BE OPERATED IN SUCH A MANNER AS TO UNREASONABLY INTERFERE WITH THE OWNER'S/OPERATOR'S ABILITY TO COMPLY WITH AQMD RULE 1150.1 OR ANY OTHER AQMD RULE LIMITING LANDFILL GAS MIGRATION OR SURFACE EMISSIONS.
[RULE 1150.1]

Emissions and Requirements:

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

NMOC: 20 PPMV AS HEXANE @ 3% O2 OR 98% WEIGHT REDUCTION, RULE 1150.1, 1303(a)(1)-BACT, 40CFR60 SUBPART WWW, 40CFR63 SUBPART AAAA
VOC: 40 PPMV AS CARBON @ 15% O2, RULE 1110.2
METHANE: 3000 PPMV @ 15% O2, RULE 1150.1
NOx: 36 PPMV @ 15% O2, RULE 1110.2
CO: 2000 PPMV @ 15% O2, RULE 1110.2
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
HAPS: 40 CFR PART 63 SUBPART ZZZZ, AREA SOURCE, EXISTING
H2S: 150 PPMV IN FUEL, RULE 431.1

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO, LLC

PERMIT TO OPERATE

Permit No. G17020
A/N 515473

Equipment Description:

RESOURCE RECOVERY SYSTEM NO. 2 CONSISTING OF:

1. INTERNAL COMBUSTION ENGINE NO. 2, DEUTZ, MODEL TBG620V16K, SIXTEEN CYLINDER, 1850 BHP, LEAN BURN, LANDFILL GAS FIRED, TURBOCHARGED AND INTERCOOLED DRIVING AN ELECTRICAL GENERATOR.

2. RADIATOR WITH FANS.

3. ANCILLARY SKID WITH MUFFLER, HEAT EXCHANGER, FILTER, INTERCOOLER AND EXHAUST STACK.

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) OPERATION OF THIS EQUIPMENT SHALL NOT RESULT IN THE EMISSION OF RAW LANDFILL GAS TO THE ATMOSPHERE.
[RULE 1150.1]

4) A SAMPLING PORT SHALL BE INSTALLED IN THE LANDFILL GAS LINE TO THE ENGINE TO ALLOW THE COLLECTION OF A GAS SAMPLE.
[RULE 431.1]

5) A FLOW INDICATING AND RECORDING DEVICE SHALL BE INSTALLED IN THE LANDFILL GAS SUPPLY LINE TO THE ENGINE.
[RULE 1303(b)(2)-OFFSETS]

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO, LLC

6) THE HEATING VALUE OF LANDFILL GAS BURNED IN THIS ENGINE SHALL NOT EXCEED 16.0 MMBTU/HR, BASED ON A 1-HOUR AVERAGE. THE LANDFILL GAS FLOW RATE TO THE ENGINE, THE METHANE CONTENT OF THE LANDFILL GAS AND THE GROSS ELECTRICAL OUTPUT (KW) SHALL BE MEASURED EVERY 15-MINUTES. THE HEATING VALUE OF THE LANDFILL GAS SHALL BE CALCULATED BY TWO METHODS:

METHOD 1:
(MEASURED METHANE VOLUME FRACTION) X (MEASURED FLOW RATE) X (1,010 BTU/SCF)

METHOD 2:
(MEASURED GROSS KW OUTPUT) X (12,950 BTU/KW-HR)

THE OPERATOR SHALL KEEP A LOG OF THE AVERAGE HOURLY HEATING VALUE OF THE LANDFILL GAS BURNED, CALCULATED BY BOTH METHODS. THE OPERATOR SHALL INDICATE IN THE LOG THE METHOD USED TO DETERMINE COMPLIANCE.
[RULE 1303 (b)(2)-OFFSETS]

7) THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.
[RULE 1110.2]

8) THE ENGINE SHALL ONLY USE LANDFILL GAS AS A FUEL.
[RULE 204]

9) THE OPERATOR SHALL KEEP A MONTHLY OPERATING LOG THAT INCLUDES:
D. TOTAL HOURS OF OPERATION.
E. TOTAL CUBIC FEET OF LANDFILL GAS CONSUMED.
F. CUMULATIVE HOURS OF OPERATION SINCE THE LAST SOURCE TEST.
[RULE 1110.2]

10) THE OPERATOR SHALL REPORT ANY BREAKDOWN RESULTING IN EMISSIONS IN EXCESS OF RULE OR PERMIT LIMITS PER THE REQUIREMENTS OF SCAQMD RULE 1110.2.
[RULE 1110.2]

11) TWO SAMPLING PORTS MUST BE PROVIDED IN THE ENGINE EXHAUST DUCT, 8-10 DUCT DIAMETERS DOWNSTREAM AND TWO DUCT DIAMETERS UPSTREAM OF ANY FLOW DISTURBANCE, AND SHALL CONSIST OF TWO 4 INCH WELD NIPPLES WITH PLUGS, 90 DEGREES APART. AN EQUIVALENT METHOD FOR EMISSION SAMPLING MAY BE USED UPON APPROVAL OF THE AQMD. ADEQUATE AND SAFE ACCESS TO THE TEST PORTS MUST BE SUPPLIED BY THE APPLICANT.
[RULE 217]

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO, LLC

12) APPLICANT SHALL CONDUCT AN ANNUAL PERFORMANCE TEST OF THE ENGINE IN ACCORDANCE WITH AQMD TEST PROCEDURES AND FURNISH THE AQMD A WRITTEN RESULT OF SUCH PERFORMANCE TEST. WRITTEN NOTICE OF THE PERFORMANCE TEST SHALL BE PROVIDED TO THE AQMD 10 DAYS PRIOR TO THE TEST SO THAT AN OBSERVER MAY BE PRESENT. A TEST PROTOCOL SHALL BE SUBMITTED FOR APPROVAL AT LEAST 60 DAYS PRIOR TO TESTING.

THE PERFORMANCE TEST SHALL INCLUDE, BUT SHALL NOT BE LIMITED TO A TEST OF THE INLET AND EXHAUST GASES, FOR THE FOLLOWING:

A. METHANE
B. TOTAL NON-METHANE HYDROCARBONS
C. OXIDES OF NITROGEN (EXHAUST ONLY)
D. CARBON MONOXIDE (EXHAUST ONLY)
E. PARTICULATES (EXHAUST ONLY)
F. TOTAL SULFUR COMPOUNDS AS H2S (INLET ONLY)
G. FLOW RATE
H. OXYGEN
I. NITROGEN
J. CARBON DIOXIDE
K. MOISTURE
L. TEMPERATURE
M. TOXIC AIR CONTAMINANTS INCLUDING BENZENE, CHLOROBENZENE, 1,2-DICHLORORETHANE, 1,1-DICHLOROETHANE, DICHLOROMETHANE, TETRACHLOROETHYLENE, TETRACHLOROMETHANE, TOLUENE, 1,1,1-TRICHLOROETHANE, TRICHLOROETHYLENE, TRICHLOROMETHANE, VINYL CHLORIDE AND XYLENES (EXHAUST ONLY).
N. GROSS ELECTRICAL POWER OUTPUT
O. ENGINE HOUR-METER READING

[RULE 1110.2, 1150.1, 218, 1303(a)(1)-BACT, 1303(b)(2)-OFFSETS, 1401]

13) THE EMISSIONS FROM THE ENGINE SHALL NOT EXCEED THE FOLLOWING:

AIR CONTAMINANT	LBS/HR
REACTIVE HYDROCARBONS	3.27
NITROGEN OXIDE	2.44
SULFUR DIOXIDE	0.47
CARBON MONOXIDE	10.2
PARTICULATES	0.32

[RULE 1303(b)(2)-OFFSETS]

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO, LLC

14) REACTIVE HYDROCARBON EMISSIONS FROM THE ENGINE SHALL NOT EXCEED 391 PPMV AS METHANE, WITH NO OXYGEN CORRECTION.
[RULE 1303(a)(1)-BACT]

15) OXIDES OF NITROGEN EMISSIONS FROM THE ENGINE SHALL NOT EXCEED 102 PPMV, WITH NO OXYGEN CORRECTION.
[RULE 1303(a)(1)-BACT]

16) CARBON MONOXIDE EMISSIONS FROM THE ENGINE SHALL NOT EXCEED 697 PPMV, WITH NO OXYGEN CORRECTION.
[RULE 1303(a)(1)-BACT]

17) A CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS) SHALL BE INSTALLED AND OPERATED TO MEASURE THE ENGINE EXHAUST CONCENTRATION FOR NOX AND O2 ON A DRY BASIS. IN ADDITION, THE SYSTEM SHALL CONVERT THE ACTUAL NOX CONCENTRATION TO A CORRECTED NOX CONCENTRATION AT 15% O2. THIS MONITORING SYSTEM SHALL COMPLY WITH THE REQUIREMENTS OF AQMD RULE 218. PRIOR TO INSTALLATION, THIS MONITORING SYSTEM SHALL BE APPROVED IN WRITING BY THE AQMD.
[RULE 218, 1110.2]

18) THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:

THE EXHAUST O2 SHALL BE MAINTAINED IN THE RANGE OF 5.29% TO 10.45% WHENEVER THE ENGINE IS IN OPERATION EXCEPT DURING PERIODS OF STARTUP AND SHUTDOWN.

A CONTINUOUS EXHAUST OXYGEN MONITORING AND RECORDING SYSTEM SHALL BE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED AT LEAST QUARTERLY IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN THE OXYGEN CONTENT LESS THAN 5.29% OR GREATER THAN 10.45% OF THE EXHAUST FROM THE ENGINE, AVERAGED OVER ONE HOUR, OCCURS DURING NORMAL OPERATION EXCEPT DURING STARTUPS OR SHUTDOWNS NOT TO EXCEED 30 MINUTES. THE OPERATOR SHALL REVIEW THE RECORDS OF OXYGEN PERCENTAGE EACH DAY THE ENGINE IS OPERATED TO DETERMINE IF A DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

ALL DEVIATIONS SHALL BE REPORTED TO THE SCAQMD ON A SEMI-ANNUAL BASIS PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITION NOS. 22 AND 23 IN SECTION K. OF THIS PERMIT.

FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K, WHENEVER A DEVIATION OCCURS FROM THE EXHAUST OXYGEN CONTENT, THE OPERATOR SHALL TAKE IMMEDIATE CORRECTIVE ACTION UPON DETECTION, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO, LLC

A SEMI-ANNUAL MONITORING REPORT SHALL BE SUBMITTED TO SCAQMD, WHICH SHALL INCLUDE BUT MAY NOT BE LIMITED TO THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD.

THE OWNER OR OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO SCAQMD IF AN ACCUMULATION OF DEVIATIONS FOR PARAMETERS MONITORED EXCEEDS 5% DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE SCAQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE OF THE SEMI-ANNUAL MONITORING REPORT.
[40 CFR 64]

19) ALL RECORDS, SUCH AS MONTHLY OPERATING LOG, GROSS ELECTRICAL POWER OUTPUT, MAINTENANCE RECORDS AND PERFORMANCE TEST RESULTS, SHALL BE MAINTAINED FOR FIVE YEARS AND MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
[RULE 1150.1, 1303(b)(2)-OFFSETS]

20) THIS ENGINE SHALL NOT BE OPERATED IN SUCH A MANNER AS TO UNREASONABLY INTERFERE WITH THE OWNER'S/OPERATOR'S ABILITY TO COMPLY WITH AQMD RULE 1150.1 OR ANY OTHER AQMD RULE LIMITING LANDFILL GAS MIGRATION OR SURFACE EMISSIONS.
[RULE 1150.1]

Emissions and Requirements:

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

NMOC: 20 PPMV AS HEXANE @ 3% O2 OR 98% WEIGHT REDUCTION, RULE 1150.1, 1303(a)(1)-BACT, 40CFR60 SUBPART WWW, 40CFR63 SUBPART AAAA
VOC: 40 PPMV AS CARBON @ 15% O2, RULE 1110.2
METHANE: 3000 PPMV @ 15% O2, RULE 1150.1
NOx: 36 PPMV @ 15% O2, RULE 1110.2
CO: 2000 PPMV @ 15% O2, RULE 1110.2
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
HAPS: 40 CFR PART 63 SUBPART ZZZZ, AREA SOURCE, EXISTING
H2S: 150 PPMV IN FUEL, RULE 431.1

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO, LLC

RULE 219 EQUIPMENT

Equipment Description:

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

Periodic Monitoring:

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

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

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

   [RULE 3004 (a) (4)]

Emissions And Requirements:

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

   VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS
   VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO, LLC

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATIONS.

Emissions And Requirements:

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

   VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

SECTION E: ADMINISTRATIVE CONDITIONS

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
   a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
   b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
   c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions 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 and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

SECTION E: ADMINISTRATIVE CONDITIONS

5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation. [204]

6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least five years. [204]

7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]

   a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134]

   b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]

   c. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]

   d. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compounds which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO2) and be averaged over 15 consecutive minutes; [407]

   e. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO2) at standard conditions and averaged over a minimum of 15 consecutive minutes. [409]

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

SECTION E: ADMINISTRATIVE CONDITIONS

f. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O2) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]

8. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]

a. Brief description of the equipment tested.

b. Brief process description, including maximum and normal operating temperatures, pressures, throughput, etc.

c. Operating conditions under which the test will be performed.

d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts and stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).

e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.

f. Description of calibration and quality assurance procedures.

g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (conflict of interest).

9. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD rules or equipment-specific conditions. The report shall contain the following information: [204]

a. The results of the source test.

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

SECTION E: ADMINISTRATIVE CONDITIONS

b. Brief description of the equipment tested.

c. Operating conditions under which the test was performed.

d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts and stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).

e. Field and laboratory data forms, strip charts and analyses.

f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.

10. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]

11. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182. [204]

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

NOT APPLICABLE

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

NOT APPLICABLE

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

NONE

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

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
486801	1110.2
548537	3003

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

Facility ID: 129660
Date: March 6, 2012

COMPANY NAME: NM MID VALLEY GENCO LLC
MAILING ADDRESS: 3005 DOUGLAS BLVD., STE. 105
ROSEVILLE, CA 95661

ATTENTION: MR. ANTHONY J. FALBO, VP & GENERAL MANAGER

APPLICATION NUMBER: **486801**

RULE 1110.2 (f) (1) (D) INSPECTION AND MONITORING (I & M) PLAN FOR THE FACILITY LOCATED AT 30 BOHNERT ROAD, RIALTO, CA 92377.

Please refer to the application you submitted for the evaluation of your Inspection and Monitoring (I & M) plan under District Rule 1110.2 (f) (1) (D), for the facility described above.

The Rule 1110.2 Inspection & Monitoring plan you submitted has been APPROVED.

A copy of your approved plan, together with any addendum, statements or declarations you provided during the evaluation of your plan, is attached. In accordance with Rule 1110.2 (f)(1)(D)(ix), any change in equipment, control equipment, operating conditions or emission limits will require that you submit an application to the District for the revision of your I & M plan.

If you have any questions about this approval, please call Mr. Ray Ronquillo at (909) 396-3049.

Very truly yours,

Charles Tupac, P.E.
Air Quality and Compliance Supervisor
Refinery and Waste Management Unit

Enclosure(s)

FORTISTAR Methane Group
NM Mid Valley Genco Energy LLC.

Rule 1110.2 Inspection and Monitoring Plan

1.0 Introduction:

The South Coast Air Quality Management District (SCAQMD) modified Rule 1110.2 in February 2008. This rule applies to Internal Combustion Engines (ICEs) that are rated higher than 50 HP. The modified version of this rule included several new requirements including the requirement for an Inspection and Monitoring (I&M) Plan for ICEs that met certain criteria. ICEs that do not have a continuous emission monitoring system (CEMS) for NOx and CO are required to implement a SCAQMD approved I&M Plan to assure continued compliance of the engines between the required annual source tests.

The ICEs at NM Mid Valley Genco Energy LLC. are equipped with a NOx CEMS but do not have CEMS for CO. Therefore, an I&M Plan focused on CO monitoring is required for the site.

Rule 1110.2 states that an I&M Plan, if required, be submitted to the SCAQMD by August 1, 2008. The approved plan will be effective December 1, 2008. As required by the Rule, NM Mid Valley Genco Energy LLC. is submitting a completed form 400-A, a compliance plan for CO emissions and a check in the amount of $505.35 towards filing and review fees as required by Rule 306.

2.0 Facility Description:

NM Mid Valley Genco Energy LLC. is located at 30 Bohnert Avenue, Rialto, California and is identified by the SCAQMD with Facility ID 129660. Two landfill gas fired ICEs are being operated at this facility. A Title V permit was issued by the SCAQMD for this facility on December 21, 2007. The facility is current with its reporting requirements as required by the Title V permit.

3.0 Inspection and Monitoring Plan:

3.1 Engine Parameters affecting CO emissions:

Rule 1110.2 requires identification of engine operating parameters necessary to keep pollutant concentrations within rule limits. CO emissions from ICEs at NM Mid Valley Genco LLC. can be gauged by reviewing the exhaust temperature and the percent oxygen data. Both these parameters are/will be recorded continuously for the engines using a SCADA system.

An operating range will be established based on exhaust stack temperature and oxygen data recorded during the most recent compliant annual source test. This range will be set at + or – 15% of the average concentrations measured during the source test. Parameters

outside the operating range will be considered to potentially cause an exceedence of CO emissions at the engines.

3.2 Quarterly Emission Checks:

The Rule requires all lean burn engines equipped with a NOx CEMS subject to a CO limit more stringent than 2000 ppmvd to perform quarterly or every 2000 hour CO emissions checks. The operator can chose the limit that results in the later date for testing. The portable analyzer used for this testing shall be calibrated, maintained and operated in accordance with manufacturer's specifications and recommendations. The SCAQMD is in the process of preparing a Protocol for Periodic Monitoring of Nitrogen Oxides, Carbon Monoxide, and Oxygen from the Stationary Engines for ICEs subject to Rule 1110.2. This Protocol, when available and finalized, shall be followed for quarterly CO emission checks.

NM Mid Valley Genco Energy LLC. plans to utilize a portable emission analyzer (such as a COSA Model 704 or an ECOM) for quarterly CO emission monitoring. The specification for this analyzer will be maintained as Attachment A to this I&M Plan (as a placeholder, an ECOM information sheet is provided). Further, an experienced, SCAQMD trained operator will perform the emission check each quarter. SCAQMD is in the process of developing a training program for operators for this purpose. Once available, operators responsible for quarterly testing will ensure they get certified by SCAQMD as required.

3.3 Daily Monitoring

Using the existing proprietary SCADA system at the facility, operators will record the following parameters on a daily basis:

1. Engine load
2. Fuel flowrate
3. Engine elapsed time meter operating hours
4. Set points (Maximum and Minimum) and acceptable range of percent Oxygen
5. Set points (Maximum and Minimum) and acceptable range of exhaust temperature and
6. Operating hours since last CO emission check

3.4 Procedures for Breakdown/Malfunction Events:

The procedures mentioned in Rule 1110.2 and clarified in the compliance guide will be followed during breakdown and malfunctions. Specifically;

1. For breakdowns resulting in rule violations or exceedence of permitted ~~CO~~ NOx emission limits (measured by recording NOx concentrations outside of the operating range established) and for excess CO emissions recorded during

routine quarterly emission checks, the operator will immediately retest the engine with the portable analyzer to confirm the first reading obtained. If the reading is confirmed to be a violation, an attempt will be made to expeditiously resolve the problem within 24 hours of detection and conduct an emissions check to confirm compliance. If trouble shooting is not successful, the ICE will be shutdown awaiting diagnostics and repair.

2. For malfunctions that do not result in excess CO emissions, the operator will attempt to correct the problem and conduct an emissions check within 48 hours of initial knowledge of the problem using the calibrated portable analyzer mentioned in 3.2 above.

Operators will follow manufacture recommended procedures, detailed in the Operation and Maintenance (O&M) Manual, during trouble shooting and maintenance of the ICEs.

3.5 Preventative Maintenance

Operators at NM Mid Valley Genco Energy LLC. conduct routine maintenance of the ICEs according to manufacturer's recommendations. In addition to the annual major maintenance of the ICEs, daily, weekly and quarterly maintenance is conducted. The ICEs are maintained constantly to ensure that they function as designed and in compliance with the emission limits dictated by SCAQMD rules and permit limits.

3.6 Reporting Requirements

Oxygen and exhaust temperature are being used as a surrogate for CO emission monitoring. If these parameters exceed the operating range identified in 3.1 above (+ or – 15% of that recorded during the most recent compliant source test) or CO emission checks have indicated exceedences, the operator shall comply with the following requirements:

a. For excess emissions caused by a breakdown, we will notify AQMD at 1-800-CUT-SMOG within one hour of learning of the breakdown in the same manner required by paragraph (b)(1) of Rule 430. This report is not required if there is no breakdown.

b. Within 24 hours or the end of an operating cycle, whichever is sooner; we will correct the problem and demonstrate compliance with another emission check or shut down the engine for diagnostics and repair.

c. Comply with all other requirements of Rule 1110.2 (f)(1)(H) if there was a breakdown.

d. Since NM Mid Valley is a Title V facility, we will also notify AQMD at 1-800-CUT-SMOG within 72 hours of learning of learning of any emission exceedance and submit a written report with 14 days using Form 500-N Deviations, Emergencies & Breakdowns.

This rule also requires the submittal of Quarterly Compliance Reports in a format approved by SCAQMD. Such reports are required to be submitted within 15 days of the

end of the calendar quarter. Attachment B presents the form developed by SCAQMD for Quarterly Reporting – Rule 1110.2 – Quarterly Report for Stationary Engines. NM Mid Valley Genco Energy LLC. is in compliance with this reporting requirement and such quarterly reporting will continue.

ATTACHMENT A

PORTABLE EMISSIONS ANALYZER BROCHURE

ECOM A-PLUS

Portable Emission Analyzer

- Measures O_2, CO, NO_X, "Low NO_X", SO_2, & Combustibles
- CO_2, Efficiency & Excess Air Calculations
- Stack Temperature and Draft Measurement
- Large backlit LCD display
- On - board impact printer
- Thermoelectric Gas cooler & automatic moisture drain
- In-line flowmeter with 2.5+ lpm pump
- Automatic purge / Sensor overrange protection
- Advanced DAS 2.0 software compatible

Both the EPA / ETV (Environmental Technology Verification) program and the South Coast Air Quality Management District, (SCAQMD) have documented the exceptional performance of the A-PLUS. The unit also meets the criteria of the EPA CTM protocols for portable EC based analyzers and EPA's 40CFR Part 60 Update of Continuous Instrumental Test Methods, Final Rule.

The ECOM A-PLUS portable emission analyzer offers affordable "compliance level" performance in a rugged, easy to use package. The A-PLUS features an advanced Sample Conditioning system, incorporating an optional heated sample line, thermoelectric Peltier Gas Cooler, and peristaltic pump for continuous moisture removal.

The A-PLUS can be fitted with sensors to measure O_2, CO, NO, NO_2, SO_2, and Combustibles, along with gas and ambient temperatures, stack draft & pressure, plus calculations of CO_2, efficiency, dew point and excess air. A special Low NOx version of the A-PLUS is designed for single digit NO_X measurements with resolution to 0.1 PPM! In addition, the A-PLUS can be fitted with USB for use with ECOM's Advanced DAS Compliance Testing Software for complete emissions analysis.

Housed in a high quality, aluminum reinforced case, the A-PLUS comes complete with a standard sample line and probe, internal battery, AC power cord, thermocouple, spare filters, extra printer paper, quick reference User Card, and Operation Manual.

ETV

ECOM America, Ltd.
1628 Oakbrook Drive
Gainesville, GA 30507
Toll Free: **877.326.6411**
Tel: 770.532.3280
Fax: 770.532.3620
info@ecomusa.com
www.ecomusa.com

Technical Specifications

ECOM A-PLUS

MEASUREMENT (KEY)	RANGE	ACCURACY	RESOLUTION	SENSOR LIFE	SENSOR TYPE
Oxygen (O)	0-21% vol.	± 2% Measured	0.1% vol.	2 Years	Electrochemical
Carbon Monoxide (C)	0-4,000 ppm	± 2% Measured	1 ppm	3 Years	Electrochemical
Carbon Monoxide (V)	0-40,000 ppm	± 2% Measured	1 ppm	3 Years	Electrochemical
Nitric Oxide (N)	0-4,000 ppm	± 2% Measured	1 ppm	3 Years	Electrochemical
Nitric Oxide (.N)	0-400 ppm	± 2% Measured	0.1 ppm	3 Years	Electrochemical
Nitrogen Dioxide (X)	0-500 ppm	± 2% Measured	1 ppm	3 Years	Electrochemical
Nitrogen Dioxide (.X)	0-50 ppm	± 2% Measured	0.1 ppm	3 Years	Electrochemical
Sulfur Dioxide (S)	0-5,000 ppm	± 2% Measured	1 ppm	3 Years	Electrochemical
Combustibles (H)	0-6.00 % vol.	± 2% Measured	0.01% vol	5 Years	Pellister
Gas Temperature	32-1800 F	± 2% Measured	1 deg F	10 Years	NiCrNi
Ambient Temperature	0-250 F	± 2% Measured	1 deg F	10 Years	Semi-conductor
Draft / Pressure	± 40" H_2O	± 2% Measured	0.1% H_2O	10 Years	DMS
O_2 Correction	0-20% Oxygen				
Smoke Scale	0-9				
Carbon Dioxide CO_2	0-CO_2 max of fuel	Calculated			
Efficiency	0-99.9%	Calculated			
Excess Air (Lambda)	1-infinity	Calculated			

*ACCURACY: When calibrated prior to use per ECOM America, Ltd. specifications.

Physical

Instrument: 16" x 10" x 12" Aluminum Carry Case
Probe: 13" Length x 3/8" OD Inconel w/ Pistol Grip Handle*
Sample Line: 15' high-temp flex hose w/thermocouple wire*
Weight: 28 lbs.

Electrical

AC: 110/220V 50/60Hz (User selectable)
Batteries: 12V lead-acid, 2-3 hour life
Pump: Flow rate of 2.5 lpm
Display: Backlit, adjustable contrast & zoom, displays all parameters simultaneously.

Operating Temperature

Core temperature of the instrument is monitored continuously. Internal Temperature Compensation software assures accurate sensor response over the range of 20°F to 104°F.

*Optional probe & sample line lengths are available

Order Information ECOM A-PLUS

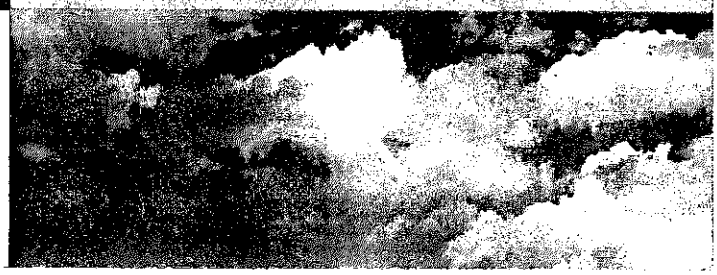
A-PLUS is available with 2-5 sensors. Common configurations include:

2-3 Gas	4 Gas	5 Gas
OC	OCNX	OCVNX
OCN	OC.N.X	OCV.N.X
		OC.N.XH
		OC.N.XS
		OCNXS
		OCNXH

Consumables:
Water Trap / Particulate Filters, NO_x / SO_2 Filter Media, Printer Paper / Printer Ribbon

Parts & Accessories:
Transport / Shipping Cases, Refillable Calibration Gas Bottles, Heated Sample Line, Data Acquisition Software

ECOM America Ltd. has built an outstanding reputation in the industries we serve by providing a high quality product and responsive technical support to our customers. We maintain a large inventory of analyzers and parts to assure fast delivery of new items and quick turnaround on service. Always Expect Responsive Customer Support & Service from ECOM!



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ATTACHMENT B

Rule 1110.2 –Quarterly Report for Stationary Engines

South Coast Air Quality Management District

Rule 1110.2 - Quarterly Report for Stationary Engines

Due 15 days after the end of each calendar quarter (January 15, April 15, July 15, October 15)

***Fax** to 909-396-3343, or **Mail** to SCAQMD, Attention: Enforcement, P.O. Box 4941, Diamond Bar, CA 91765-0941*

Quarter Ended (mm/dd/yyyy) _____ Report Date _____ Page Number ___ of ___

If there were no reportable incidents, enter "None" in box to right, complete Sections I and IV and submit form. ☐

Section I - Facility Information

Permit Issued to (business name of operator that appears on permit): _____ Valid AQMD Facility ID (available on permit or invoice issued by AQMD): _____

Facility Address: _____

City: _____ State: CA Zip Code: _____

Mailing Address (if different): _____

City: _____ State: _____ Zip Code: _____

Name, title and phone number of the person to contact for further information:

Name _____ Title _____ Phone _____

Section II - Previously Reported Engine Breakdowns and Title V Deviations During the Quarter(Attach additional pages if needed.)

Engine Application No.	Type of Incident*	Date of Incident	Date of Written Report

*Enter one of the following: "Breakdown", "Title V Deviation", or "Title V Emergency".

Section III - Other Reportable Incidents During the Quarter (Summarize here, attach additional pages if needed, and complete Section V.)

Engine Application No.	Type of Incident**	Date Operator Learned of Incident

**Enter one of the following: "Air-to-Fuel Ratio Controller Fault or Alarm", "Parameter Out of Range", "Excess Emission Check" or "Other".

Section IV - Certification Statement

I certify under penalty of law that based on information and belief formed after reasonable inquiry, the statements and information in this document and in all attachments and other materials are true, accurate and complete.

For Title V Facilities Only: ☐ I also certify under penalty of law that I am the responsible official for this facility as defined in AQMD Regulation XXX.

Signature _____ Title _____ Date _____

Type or Print Name _____ Phone _____ Fax _____

Address _____ City _____ State _____ Zip Code _____

Rule 1110.2 Quarterly Report for Stationary Engines

Facility ID: _____ Quarter Ended (mm/dd/yyyy): _____ Page Number ___ of ___

Section V - Information Regarding Incidents Reported in Section III:

Engine Application No. _____ Engine Description _____

Type of Incident* _____

Incident Description _____

Cause (to extent known) _____

Corrective Action Taken _____

Dates and Times of Events

Incident Began (to extent known) _____ Operator Discovered _____

Corrective Action Started _____ Compliance Achieved _____

Engine Shutdown _____ Engine Restarted _____

	O2, % (dry)	NOx, ppmvd @ 15% O2	CO, ppmvd @ 15% O2
Portable Analyzer Data before Corrective Action (if any)			
Portable Analyzer Data after Corrective Action			

Engine Application No. _____ Engine Description _____

Type of Incident* _____

Incident Description _____

Cause (to extent known) _____

Corrective Action Taken _____

Dates and Times of Events

Incident Began (to extent known) _____ Operator Discovered _____

Corrective Action Started _____ Compliance Achieved _____

Engine Shutdown _____ Engine Restarted _____

	O2, % (dry)	NOx, ppmvd @ 15% O2	CO, ppmvd @ 15% O2
Portable Analyzer Data before Corrective Action (if any)			
Portable Analyzer Data after Corrective Action			

**Enter one of the following: "Air-to-Fuel Ratio Controller Fault or Alarm", "Parameter Out of Range", "Excess Emission Check" or "Other".

(Attach additional pages if needed.)

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

SECTION J: AIR TOXICS
[40CFR 63 Subpart AAAA 01-16-2003]

NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS - MUNICIPAL SOLID WASTE LANDFILLS

(1) The owner/operator of a municipal solid waste (MSW) landfill shall comply with all applicable requirements of 40 CFR 63, Subpart AAAA and of 40 CFR 63, Subpart A – General Provisions by the compliance date(s) that are specified in these subparts.

(2) The owner/operator of a MSW landfill system shall comply with all applicable requirements for installation and operation of a landfill gas collection and/or control system as specified in 40 CFR 60, subpart Cc or WWW.

(3) The operator shall keep all records pursuant to Section 63.1980 of this subpart or Subpart A to demonstrate compliance with all applicable requirements. All records including data, calculations and any supporting documentation shall be prepared in a format which is acceptable to the AQMD.

(4) The operator shall submit all reports, notifications, plans, submittals and other communications required by Section 63.1980 of this subpart or Subpart A to the AQMD and, unless notified to the contrary by AQMD or US EPA, to US EPA Region IX (See Sections E and K of this permit for addresses).

(5) Alternative plans, compliance plans, and the construction and operation of new or modified air pollution control equipment that are required by this subpart shall be approved through the AQMD permit system.

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

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
NM MID VALLEY GENCO LLC

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
NM MID VALLEY GENCO LLC

SECTION K: TITLE V Administration

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)]

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

SECTION K: TITLE V Administration

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
NM MID VALLEY GENCO LLC

SECTION K: TITLE V Administration

EMERGENCY PROVISIONS

17. An emergency[1] 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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1 "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.

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

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
NM MID VALLEY GENCO LLC

SECTION K: TITLE V Administration

(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;

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

SECTION K: TITLE V Administration

(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)]

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

SECTION K: TITLE V Administration

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.

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 1110.2	2-1-2008	Federally enforceable
RULE 1110.2	9-7-2012	Non federally enforceable
RULE 1113	6-3-2011	Non federally enforceable
RULE 1113	7-13-2007	Federally enforceable
RULE 1150.1	3-17-2000	Federally enforceable
RULE 1150.1	4-1-2011	Non federally enforceable
RULE 1171	2-1-2008	Federally enforceable
RULE 1171	5-1-2009	Non federally enforceable
RULE 1303(a)	12-6-2002	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 1303(b)(1)-Modeling	12-6-2002	Non federally enforceable
RULE 1303(b)(1)-Modeling	5-10-1996	Federally enforceable
RULE 1303(b)(2)-Offset	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1304(a)-Modeling and Offset Exemption	6-14-1996	Federally enforceable
RULE 1309.1	1-8-2010	Non federally enforceable
RULE 1309.1	5-3-2002	Federally enforceable
RULE 1401	9-10-2010	Non federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 217	1-5-1990	Federally enforceable

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

SECTION K: TITLE V Administration

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 218	5-14-1999	Federally enforceable
RULE 219	6-1-2007	Non federally enforceable
RULE 219	9-4-1981	Federally enforceable
RULE 3002	11-14-1997	Federally enforceable
RULE 3003	11-14-1997	Federally enforceable
RULE 3003	11-5-2010	Non federally enforceable
RULE 3004	12-12-1997	Federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 3005	11-14-1997	Federally enforceable
RULE 3005	11-5-2010	Non federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 301	6-1-2012	Non federally enforceable
RULE 306	6-1-2012	Non federally enforceable
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 402	5-7-1976	Non federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 431.1	11-17-1995	Non federally enforceable
RULE 431.1	6-12-1998	Federally enforceable
RULE 701	6-13-1997	Federally enforceable
40CFR 60 Subpart WWW	10-17-2000	Federally enforceable
40CFR 63 Subpart AAAA	1-16-2003	Federally enforceable
40CFR 63 Subpart AAAA	4-20-2006	Federally enforceable
40CFR 63SubpartZZZZ_01	3-9-2011	Federally enforceable

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN PERMIT PURSUANT TO RULE 219

NONE

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 06-03-2011]

(1) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6) of Rule 1113, no person shall supply, sell, offer for sale, market, manufacture, blend, repackage, apply, store at a worksite, or solicit the application of any architectural coating within the District:

(A) That is listed in the Table of Standards 1 and 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; or

(B) That is not listed in the Table of Standards 1, and contains VOC (excluding any colorant added to tint bases) in excess of 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, until January 1, 2014, at which time the limit drops to 50 grams of VOC per liter of coating, less water, less exempt compounds (0.42 pounds per gallon).

(2) No person within the District shall add colorant at the point of sale that is listed in the Table of Standards 2 and contains VOC in excess of the corresponding VOC limit specified in the Table of Standards 2, after the effective date specified.

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 06-03-2011]

TABLE OF STANDARDS 1
VOC LIMITS

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

COATING CATEGORY	Ceiling Limit[1]	Current Limit[2]	Effective Date		
			7/1/08	1/1/12	1/1/14
Bond Breakers		350			
Clear Wood Finishes		275			
Varnish	350	275			
Sanding Sealers	350	275			
Lacquer		275			
Concrete-Curing Compounds		100			
Concrete-Curing Compounds For Roadways and Bridges[3]		350			
Concrete Surface Retarder		250			50
Driveway Sealer		100		50	
Dry-Fog Coatings		150			50
Faux Finishing Coatings					
Clear Topcoat		350		200	
Decorative Coatings		350			100
Glazes		350			
Japan		350			
Trowel Applied Coatings		350		150	50
Fire-Proofing Coatings		350			150
Flats	250	50	50		
Floor Coatings	100	50			
Form Release Compound		250			100
Graphic Arts (Sign) Coatings		500			150
Industrial Maintenance (IM) Coatings	420	100			
High Temperature IM Coatings		420			
Non-Sacrificial Anti-Graffiti Coatings		100			
Zinc-Rich IM Primers	340	100			
Magnesite Cement Coatings		450			
Mastic Coatings		300			100
Metallic Pigmented Coatings	500	500			150
Multi-Color Coatings		250			
Nonflat Coatings	150	50			
Pre-Treatment Wash Primers		420			
Primers, Sealers, and Undercoaters	200	100			
Reactive Penetrating Sealers		350			
Recycled Coatings		250			
Roof Coatings	250	50			
Roof Coatings, Aluminum		100			

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 06-03-2011]

Roof Primers, Bituminous	350	350			
Rust Preventative Coatings	400	100			
Stone Consolidant		450			
Sacrificial Anti-Graffiti Coatings		100		50	
Shellac					
Clear		730			
Pigmented		550			
Specialty Primers	350	100			
Stains		100			

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 06-03-2011]

COATING CATEGORY	Ceiling Limit[1]	Current Limit[2]	Effective Date		
			7/1/08	1/1/12	1/1/14
Stains, Interior	250	250			
Swimming Pool Coatings					
Repair		340			
Other		340			
Traffic Coatings		100			
Waterproofing Sealers	250	100			
Waterproofing Concrete/Masonry Sealers	400	100			
Wood Preservatives		350			

1. The specified ceiling limits are applicable to products sold under the Averaging Compliance Option.
2. The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.
3. Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

TABLE OF STANDARDS 1 (cont.)
VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

TABLE OF STANDARDS 2
VOC LIMITS FOR COLORANTS

Grams of VOC Per Liter of Colorant
Less Water and Less Exempt Compounds

COLORANT	Limit[4]
Architectural Coatings, excluding IM Coatings	50
Solvent-Based IM	600
Waterborne IM	50

4. Effective January 1, 2014.

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

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
NM MID VALLEY GENCO LLC

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
NM MID VALLEY GENCO LLC

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 Roof Coatings, Aluminum	300 500		250		50 100			
Roof Primers, Bituminous	350		350					
Rust Preventative Coatings	420		400			100		
Shellac Clear Pigmented	 730 550							
Specialty Primers	350					250	100	
Stains Stains, Interior	350 250		250				100	
Swimming Pool Coatings Repair Other	 650 340		340					
Traffic Coatings	250	150					100	
Waterproofing Sealers	400		250			100		
Waterproofing Concrete/Masonry Sealers	400					100		
Wood Preservatives Below-Ground Other	 350 350							

* 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
NM MID VALLEY GENCO LLC

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

TABLE OF STANDARDS (cont.)
VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 02-01-2008]

(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:

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY	**VOC g/l (lb/gal)**	**VOC g/l (lb/gal)**	**VOC g/l (lb/gal)**
(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
NM MID VALLEY GENCO LLC

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 02-01-2008]

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY (cont.)	**VOC g/l (lb/gal)**	**VOC g/l (lb/gal)**	**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	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			
(I) Newsprint	100 (0.83)		

FACILITY PERMIT TO OPERATE
NM MID VALLEY GENCO LLC

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 02-01-2008]

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY (cont.)	**VOC g/l (lb/gal)**	**VOC g/l (lb/gal)**	**VOC g/l (lb/gal)**
(II) Other Substrates	500 (4.2)	100 (0.83)	
(B) Removable Press Components	25 (0.21)		
(v) Screen Printing	500 (4.2)	100 (0.83)	
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	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
NM MID VALLEY GENCO LLC

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:

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY	**VOC g/l (lb/gal)**	**VOC g/l (lb/gal)**
(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
NM MID VALLEY GENCO LLC

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

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY (cont.)	**VOC g/l (lb/gal)**	**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	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
NM MID VALLEY GENCO LLC

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

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY (cont.)	**VOC g/l (lb/gal)**	**VOC g/l (lb/gal)**
(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
NM MID VALLEY GENCO LLC

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
NM MID VALLEY GENCO LLC

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
NM MID VALLEY GENCO LLC

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