

## **FACILITY PERMIT TO OPERATE**

**NM COLTON GENCO LLC.  
1230 TROPICA RANCH RD  
COLTON, CA 92324**

### **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 COLTON GENCO LLC.

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## FACILITY PERMIT TO OPERATE NM COLTON GENCO LLC.

### SECTION A: FACILITY INFORMATION

**LEGAL OWNER &/OR OPERATOR:** NM COLTON GENCO LLC.

**LEGAL OPERATOR (if different than owner):**

**EQUIPMENT LOCATION:** 1230 TROPICA RANCH RD  
 COLTON, CA 92324

**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:** December 21, 2007

**TITLE V PERMIT EXPIRATION DATE:** December 20, 2012

|                |                |
|----------------|----------------|
| <b>TITLE V</b> | <b>RECLAIM</b> |
|----------------|----------------|

|     |  |
|-----|--|
| YES | <b>NOx:</b> NO<br><b>SOx:</b> NO<br><b>CYCLE:</b> 0<br><b>ZONE:</b> INLAND |
|-----|--|

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**SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION**

NOT APPLICABLE

**FACILITY PERMIT TO OPERATE  
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**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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**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> | <b>Page</b> |
|---------------------------|---------------------------------|------------------------------|-------------|
| 508654                    | G17018                          | ICE (>500HP) LANDFILL GAS    | 3           |
|                           |                                 |                              |             |
|                           |                                 |                              |             |
|                           |                                 |                              |             |
|                           |                                 |                              |             |

**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.

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**PERMIT TO OPERATE**

**Permit No. G17018  
A/N 508654**

**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]
- 6) THE HEATING VALUE OF LANDFILL GAS BURNED IN THIS ENGINE SHALL NOT EXCEED 18.2 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:

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

METHOD 2:  
(MEASURED GROSS KW OUTPUT) X (14,407 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]
- 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)

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- E. PARTICULATES (EXHAUST ONLY)
- F. TOTAL SULFUR COMPOUNDS AS H<sub>2</sub>S (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-DICHLOROETHANE, 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            | 0.75   |
| CARBON MONOXIDE           | 10.2   |
| PARTICULATES              | 0.32   |
| [RULE 1303(b)(2)-OFFSETS] |        |

- 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 O<sub>2</sub> ON A DRY BASIS. IN ADDITION, THE SYSTEM SHALL CONVERT THE ACTUAL NOX CONCENTRATION TO A CORRECTED NOX CONCENTRATION AT 15% O<sub>2</sub>. 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]

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

THE EXHAUST O<sub>2</sub> SHALL BE MAINTAINED IN THE RANGE OF 6.66% TO 8.90% 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 6.66% OR GREATER THAN 8.90% 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.

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]

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- 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

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**RULE 219 EQUIPMENT**

**Equipment Description:**

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

**Periodic Monitoring:**

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

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

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

[RULE 3004 (a) (4)]

**Emissions And Requirements:**

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

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

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**RULE 219 EQUIPMENT**

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATIONS.

**Emissions And Requirements:**

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

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 Copley Drive, Diamond Bar, CA 91765



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### **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]

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### **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 (SO<sub>2</sub>) 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 (CO<sub>2</sub>) at standard conditions and averaged over a minimum of 15 consecutive minutes. [409]

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### **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 (O<sub>2</sub>) 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.

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- 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]

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**SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS**

NOT APPLICABLE

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**SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR  
RECLAIM SOURCES**

NOT APPLICABLE

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**SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE**

NONE

## **FACILITY PERMIT TO OPERATE NM COLTON 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   |
|-------------|--------|
| 486802      | 1110.2 |

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.

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### **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 COLTON 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 COLTON 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 COLTON 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 COLTON 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 COLTON GENCO LLC.

### 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.

## **FACILITY PERMIT TO OPERATE NM COLTON 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 COLTON 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 COLTON 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 COLTON 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.

| <b>RULE SOURCE</b>                         | <b>Adopted/Amended Date</b> | <b>FEDERAL Enforceability</b> |
|--|-----------------------------|-------------------------------|
| RULE 1110.2                                | 2-1-2008                    | Federally enforceable         |
| RULE 1110.2                                | 9-7-2012                    | Non federally enforceable     |
| RULE 1113                                  | 11-8-1996                   | 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)(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 COLTON GENCO LLC.

### SECTION K: TITLE V Administration

| <b>RULE SOURCE</b>                  | <b>Adopted/Amended Date</b> | <b>FEDERAL Enforceability</b> |
|-------------------------------------|-----------------------------|-------------------------------|
| 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 403                            | 4-2-2004                    | Federally enforceable         |
| RULE 403                            | 6-3-2005                    | 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 COLTON GENCO LLC.**

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

NONE

## **FACILITY PERMIT TO OPERATE NM COLTON 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 COLTON 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 <sup>1</sup> | Current Limit <sup>2</sup> | 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<br>For Roadways and Bridges <sup>3</sup> |                            | 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 COLTON 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 COLTON GENCO LLC.

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

| COATING CATEGORY                       | Ceiling Limit <sup>1</sup> | Current Limit <sup>2</sup> | 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 <sup>4</sup> |
|---|--------------------|
| Architectural Coatings, excluding IM Coatings | 50                 |
| Solvent-Based IM                              | 600                |
| Waterborne IM                                 | 50                 |

4. Effective January 1, 2014.

## **FACILITY PERMIT TO OPERATE NM COLTON 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 COLTON 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<br>For Roadways and<br>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)<br>Coatings                    | 420            |               |                | 250    |        | 100    |        |        |
| High Temperature IM<br>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 COLTON 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                                | 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                                | 400            |               |                |        |        | 100    |        |        |
| Concrete/Masonry Sealers                     |                |               |                |        |        |        |        |        |
| 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  
NM COLTON 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 COLTON 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:

|  | <b>CURRENT<br/>LIMITS*</b>      | <b>EFFECTIVE<br/>1/1/2008*</b>  | <b>EFFECTIVE<br/>1/1/2009</b>   |
|--|---------------------------------|---------------------------------|---------------------------------|
| <b>SOLVENT CLEANING ACTIVITY</b>   | <b>VOC<br/>g/l<br/>(lb/gal)</b> | <b>VOC<br/>g/l<br/>(lb/gal)</b> | <b>VOC<br/>g/l<br/>(lb/gal)</b> |
| (A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application |                                 |                                 |                                 |
| (i) General  | 25<br>(0.21)                    |                                 |                                 |
| (ii) Electrical Apparatus Components & Electronic Components   | 100<br>(0.83)                   |                                 |                                 |
| (iii) Medical Devices & Pharmaceuticals  | 800<br>(6.7)                    |                                 |                                 |
| (B) Repair and Maintenance Cleaning  |                                 |                                 |                                 |
| (i) General  | 25<br>(0.21)                    |                                 |                                 |
| (ii) Electrical Apparatus Components & Electronic Components   | 100<br>(0.83)                   |                                 |                                 |

## FACILITY PERMIT TO OPERATE NM COLTON GENCO LLC.

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

|   | <b>CURRENT<br/>LIMITS*</b>      | <b>EFFECTIVE<br/>1/1/2008*</b>  | <b>EFFECTIVE<br/>1/1/2009</b>   |
|---|---------------------------------|---------------------------------|---------------------------------|
| <b>SOLVENT CLEANING ACTIVITY<br/>(cont.)</b>                | <b>VOC<br/>g/l<br/>(lb/gal)</b> | <b>VOC<br/>g/l<br/>(lb/gal)</b> | <b>VOC<br/>g/l<br/>(lb/gal)</b> |
| (iii) Medical Devices & Pharmaceuticals                     |                                 |                                 |                                 |
| (A) Tools, Equipment, & Machinery                           | 800<br>(6.7)                    |                                 |                                 |
| (B) General Work Surfaces                                   | 600<br>(5.0)                    |                                 |                                 |
| (C) Cleaning of Coatings or Adhesives Application Equipment | 25<br>(0.21)                    |                                 |                                 |
| (D) Cleaning of Ink Application Equipment                   |                                 |                                 |                                 |
| (i) General   | 25<br>(0.21)                    |                                 |                                 |
| (ii) Flexographic Printing                                  | 25<br>(0.21)                    |                                 |                                 |
| (iii) Gravure Printing                                      |                                 |                                 |                                 |
| (A) Publication   | 100<br>(0.83)                   |                                 |                                 |
| (B) Packaging   | 25<br>(0.21)                    |                                 |                                 |
| (iv) Lithographic (Offset) or Letter Press Printing         |                                 |                                 |                                 |
| (A) Roller Wash, Blanket Wash, & On-Press Components        |                                 |                                 |                                 |
| (I) Newsprint   | 100<br>(0.83)                   |                                 |                                 |

## FACILITY PERMIT TO OPERATE NM COLTON GENCO LLC.

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

|  | <b>CURRENT<br/>LIMITS*</b>      | <b>EFFECTIVE<br/>1/1/2008*</b>  | <b>EFFECTIVE<br/>1/1/2009</b>   |
|--|---------------------------------|---------------------------------|---------------------------------|
| <b>SOLVENT CLEANING ACTIVITY<br/>(cont.)</b>   | <b>VOC<br/>g/l<br/>(lb/gal)</b> | <b>VOC<br/>g/l<br/>(lb/gal)</b> | <b>VOC<br/>g/l<br/>(lb/gal)</b> |
| (II) Other Substrates  | 500<br>(4.2)                    | 100<br>(0.83)                   |                                 |
| (B) Removable Press Components   | 25<br>(0.21)                    |                                 |                                 |
| (v) Screen Printing  | 500<br>(4.2)                    | 100<br>(0.83)                   |                                 |
| (vi) Ultraviolet Ink/ Electron Beam Ink<br>Application Equipment (except<br>screen printing) | 650<br>(5.4)                    | 650<br>(5.4)                    | 100<br>(0.83)                   |
| (vii) Specialty Flexographic Printing  | 100<br>(0.83)                   |                                 |                                 |
| (E) Cleaning of Polyester Resin Application<br>Equipment                                     | 25<br>(0.21)                    |                                 |                                 |

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

## FACILITY PERMIT TO OPERATE NM COLTON 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:

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

## FACILITY PERMIT TO OPERATE NM COLTON GENCO LLC.

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

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

## FACILITY PERMIT TO OPERATE NM COLTON GENCO LLC.

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

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

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

## FACILITY PERMIT TO OPERATE NM COLTON 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<br>Calculated as Dry<br>Gas<br>At Standard<br>Conditions |                                | Maximum Concentration<br>of Particulate<br>Matter” Allowed in<br>Discharged Gas<br>Calculated as Dry<br>Gas at Standard<br>Conditions |                          | Volume Discharged<br>Calculated as Dry Gas<br>At Standard Conditions |                                | Maximum Concentration<br>of Particulate Matter<br>Allowed in Discharged<br>Gas Calculated as Dry Gas<br>at<br>Standard Conditions |                             |
|--|--------------------------------|---|--------------------------|--|--------------------------------|---|-----------------------------|
|  |                                | Milligrams<br>per<br>Cubic<br>Meter   | Grains per<br>Cubic Foot |  |                                | Milligrams<br>per<br>Cubic Meter  | Grains per<br>Cubic<br>Foot |
| Cubic<br>meters<br>Per<br>Minute   | Cubic<br>feet<br>Per<br>Minute |   |                          | Cubic<br>meters<br>Per Minute  | Cubic<br>feet<br>Per<br>Minute |   |                             |
| 25 or<br>less  | 883<br>or<br>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 COLTON GENCO LLC.

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

| Volume Discharged<br>Calculated as Dry<br>Gas<br>At Standard<br>Conditions |                                | Maximum Concentration<br>of Particulate<br>Matter” Allowed in<br>Discharged Gas<br>Calculated as Dry<br>Gas at Standard<br>Conditions |                          | Volume Discharged<br>Calculated as Dry Gas<br>At Standard Conditions |                                | Maximum Concentration<br>of Particulate Matter<br>Allowed in Discharged<br>Gas Calculated as Dry Gas<br>at<br>Standard Conditions |                             |
|--|--------------------------------|---|--------------------------|--|--------------------------------|---|-----------------------------|
|  |                                | Milligrams<br>per<br>Cubic<br>Meter   | Grains per<br>Cubic Foot |  |                                | Milligrams<br>per<br>Cubic Meter  | Grains per<br>Cubic<br>Foot |
| Cubic<br>meters<br>Per<br>Minute   | Cubic<br>feet<br>Per<br>Minute |   |                          | Cubic<br>meters<br>Per<br>Minute                                     | Cubic<br>feet<br>Per<br>Minute |   |                             |
| 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 COLTON GENCO LLC.

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

| Volume Discharged<br>Calculated as Dry<br>Gas<br>At Standard<br>Conditions |                                | Maximum Concentration<br>of Particulate<br>Matter” Allowed in<br>Discharged Gas<br>Calculated as Dry<br>Gas at Standard<br>Conditions |                          | Volume Discharged<br>Calculated as Dry Gas<br>At Standard Conditions |                                | Maximum Concentration<br>of Particulate Matter<br>Allowed in Discharged<br>Gas Calculated as Dry Gas<br>at<br>Standard Conditions |                             |
|--|--------------------------------|---|--------------------------|--|--------------------------------|---|-----------------------------|
|  |                                | Milligrams<br>per<br>Cubic<br>Meter   | Grains per<br>Cubic Foot |  |                                | Milligrams<br>per<br>Cubic Meter  | Grains per<br>Cubic<br>Foot |
| Cubic<br>meters<br>Per<br>Minute   | Cubic<br>feet<br>Per<br>Minute |   |                          | Cubic<br>meters<br>Per Minute  | Cubic<br>feet<br>Per<br>Minute |   |                             |
| 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<br>or more   | 2472000<br>or more             | 23  | .0100                       |