



**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

**ENGINEERING & COMPLIANCE DIVISION**  
APPLICATION PROCESSING AND CALCULATIONS

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APPL. NO.

508655

DATE

September 13, 2011

PROCESSED BY

Jon Uhl

CHECKED BY

**Minor Title V Permit Revision**

**COMPANY NAME, LOCATION ADDRESS:**

NM Colton Genco LLC, SCAQMD ID # 129659  
1230 Tropica Ranch Road  
Colton, CA 92324

**MAILING ADDRESS:**

FORTISTAR Methane Group  
NM Colton Genco LLC  
5087 Junction Road  
Lockport, NY 14094

**BACKGROUND:**

NM Colton Genco LLC operates one landfill gas-fueled internal combustion engine driving an electrical generator at the Colton landfill. The facility is not in NOx or SOx RECLAIM. The Title V permit renewal (A/N 466757) was issued effective 12/21/2007.

NM Colton Genco LLC submitted application number 508655 for a minor revision to their Title V facility permit. This application was received 3/4/2010 and deemed complete 3/24/2010. Two applications are included in this permit revision:

**Table 1-Applications included in Permit Revision**

	A/N	Equipment	Permit Action	Section
1	508654	Landfill gas-fueled IC Engine for Electrical Generation	Change of Conditions : <ul style="list-style-type: none"> <li>• Clarify calculation methods, maximum limit and recordkeeping for the hourly heating value of landfill gas burned in this IC engine.</li> <li>• Add non-resettable elapsed time meter.</li> <li>• Remove air/fuel ratio controller requirement; engine is equipped with a NOx CEMS.</li> <li>• Update VOC &amp; NOx concentration limits based on current Rule 1110.2 requirements.</li> <li>• Add Methane concentration limit based on the current Rule 1150.1 requirement.</li> <li>• Convert RHC, NOx &amp; CO BACT emission limits from gram/bhp-hr to ppmv with no O2 correction.</li> </ul>	D
2	486802	Rule 1110.2 Inspection & Monitoring Plan	<ul style="list-style-type: none"> <li>• Approve Plan</li> </ul>	1



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Administrative changes to Section A included in this permit revision:

Permit Action	
1	Change the Mailing Address from: 2225 E. 28 <sup>th</sup> St., Suite 508, Signal Hill, CA 90755 to: 5087 Junction Road, Lockport, NY 14094
2	Change the Responsible Official from: Dean Comand, Division Manager, tel (905) 465-4500 to: Anthony Falbo, Senior Vice President - Operations, tel (716) 439-1004
3	Change the Contact Person from: Paul Ervin, West Coast Operations Manager, tel (562) 424-5830 to: Suparna Chakladar, Vice President, tel (951) 833-4153

See letter dated August 2, 2011, requesting the changes to Section A (Attachment 1).

**FEE EVALUTION:**

The fees paid for this application are:

**Table 2 – Application Fees Paid**

A/N	Equipment	BCAT	Type	Status	Fee Schedule	Fees Required, \$	Fees Paid, \$
508655	Facility Permit Revision – Title V only	555007	55	21	--	843.80	843.80

**RULES EVALUATION:**

**PART 1 SCAQMD REGULATIONS**

REG XXX	Title V	November 5, 2010
	NM Colton Genco LLC was issued a Title V permit renewal effective on December 21, 2007. This is a <b>minor permit revision</b> as defined in Rule 3000(b)(15).	
	Rule 3000 (b)(15)(A)(i)	This revision does not require or change a case-by-case evaluation of: reasonably available control technology (RACT) pursuant to Title I of the federal Clean Air Act; or maximum achievable control technology (MACT) pursuant to 40 CFR Part 63, Subpart B.
	(b)(15)(A)(ii)	This revision does not violate a regulatory requirement.
	(b)(15)(A)(iii)	This revision does not require any significant change in monitoring terms or conditions in the permit.
	(b)(15)(A)(iv)	This revision does not require relaxation of any recordkeeping, or reporting requirement, or term, or condition in the permit.



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	(b)(15)(A)(v)	This revision does not result in an emission increase of RECLAIM pollutants.
	(b)(15)(A)(vi)	This revision does not result in an increase in emissions of a pollutant subject to Regulation XIII – New Source Review or a hazardous air pollutant.
	(b)(15)(A)(vii)	This revision does not result in an increase in GHG emissions of >75,000 tpy CO <sub>2</sub> e.
	(b)(15)(A)(viii)	This revision does not establish or change a permit condition that the facility has assumed to avoid an applicable requirement.
	(b)(15)(A)(ix)	This revision is not an installation of a new permit unit subject to a New Source Performance Standard (NSPS) pursuant to 40 CFR Part 60, or a National Emission Standard for Hazardous Air Pollutants (NESHAP) pursuant to 40 CFR Part 61 or 40 CFR Part 63.
	(b)(15)(A)(x)	This revision is not a modification or reconstruction of an existing permit unit, resulting in new or additional NSPS requirements pursuant to 40 CFR Part 60, or new or additional NESHAP requirements pursuant to 40 CFR Part 61 or 40 CFR Part 63.
	A minor permit revision is subject to a <b>45-day EPA review</b> , Rule 3003(j) and not subject to public participation requirements, Rule 3006(b). The proposed permit revision and engineering evaluations were submitted electronically to EPA R	
3003(b)(2)	On 3/2/2010, NM Colton Genco LLC submitted Forms: 500-A2 : Title V Application Certification 500-C1 : Compliance Status Report 500-C2 : Non-Compliant Operations Report	
3003(f)	No materials were submitted under a claim of confidentiality.	
3003(i)(1)(A)	The applicant has shown that operation under the permit will comply with all regulatory requirements.	
3003(j)	The EPA cover letter, proposed revisions to the Title V permit and engineering evaluations for A/N 508654 were submitted electronically to EPA.	
3003(k)		
3003(m)	There are no Affected States.	
3004(a)	Section E lists the administrative terms and conditions. Section K lists the Title V administrative terms and conditions. Sections D and H list the terms and conditions. Section I lists the approved compliance plans and schedules. These terms and conditions assure compliance with all regulatory requirements, including monitoring, recordkeeping and reporting requirements.  The permit expiration date, December 20, 2012, is listed in Section A.	



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The origin and authority (Rule or Regulation) is listed for each permit term and condition, including permit conditions which are not federally enforceable.

No alternative operating scenarios have been submitted by NM Colton Genco LLC.

3004(b) This is not a RECLAIM facility.

3004(c) No permit shield was requested by NM Colton Genco LLC.

3004(f)(1) The Title V permit will expire 5 years from the date of issuance unless renewed. The permit expiration date, December 20, 2012, is listed in Section A.

3005(c)(2)(A) NM Colton Genco LLC submitted a letter dated March 2, 2010, containing the certification by a responsible official, consistent with paragraph (c)(7) of Rule 3003, that the requested revisions meet the criteria for use of minor permit revision procedures and a request that such procedures be used.  
(ii)

**REVIEW OF COMPLIANCE DATABASE:**

As of September 1, 2011, the AQMD Compliance Database shows that this facility has one open Notice of Violation (NOV – P54922). This NOV pertains to the annual compliance test on 2/23/2010. Applicant submitted source test results for 4/7/2010 and 3/24/2011 showing compliance with the Rule 1110.2 and 1150.1 limits.

Rule	Limit	2/23/2010 test	4/7/2010 test	3/24/2011 test	
1110.2 – VOC	40 ppmv	56.7 ppmv	6.9 ppmv	31.1 ppmv	as CH4 @ 15% O2
1150.1 – VOC	20 ppmv	28.68 ppmv	3.49 ppmv	15.7 ppmv	as hexane @ 3% O2

**RECOMMENDATION**

A/N	Recommendation
508655	Issue minor revision to Title V Facility Permit, Section D.

**ATTACHMENTS**

1. Letter requesting Section A changes, dated 8/2/2011
2. Form 500-A2 : Title V Application Certification, dated 3/2/2010
3. Form 500-C1 : Compliance Status Report, dated 3/2/2010
4. Form 500-C2 : Non-Compliant Operations Report, dated 3/2/2010
5. Certification Letter, dated 3/2/2010
6. AQMD Compliance Database (7/29/2011)  
9/1/2011