



# South Coast Air Quality Management District

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

October 2, 2018  
*via electronic submittal*

Mr. Gerardo C. Rios  
Chief - Permits Office  
US EPA, Region IX  
75 Hawthorne Street, Air 3  
San Francisco, CA 94105

Reference: Transmittal of Proposed Title V Renewal, ID 800128, A/N 604230

Dear Mr. Rios:

Enclosed are the proposed Title V renewal permit, statement of basis, Public Notice and Title V Application for Southern California Gas Company, Aliso Canyon Storage Facility, 12801 Tampa Ave., Northridge, CA, 91326. With your receipt of the proposed Title V renewal permit, we will note that the EPA 45-day period begins today. If comments are received from the public notice, the EPA 45-day review period will begin after response to comments have been submitted to EPA along with any changes to the documents submitted today.

If you have any questions on the proposed Title V renewal permit, please contact Mr. Andrew Lee at (909) 396-2643.

Sincerely,

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

AYL:BC:RC:RDO

cc: Timothy Bomberger, Southern California Gas Company  
Enclosures:

Proposed Title V Permit  
Statement of Basis  
Public Notice  
Title V Application



# South Coast Air Quality Management District

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## NOTICE OF RENEWAL OF TITLE V PERMIT

The South Coast Air Quality Management District (SCAQMD) is the air pollution control agency for all of Orange County and portions of Los Angeles, Riverside and San Bernardino Counties. Rule 3006 requires that the SCAQMD publish this notice prior to the renewal of a Title V permit previously issued to the facility listed below:

### **Southern California Gas Company Aliso Canyon Storage Facility**

12801 Tampa Ave.  
Northridge, CA 91326  
Facility ID# 800128

#### *Contact Person:*

Uliana Micovic  
Principal AQ Specialist  
12801 Tampa Ave.  
Northridge, CA 91326

This is an existing facility applying for a Title V permit renewal. This natural gas storage and transmission facility operates various engines, boilers dehydration systems, crude oil loading arm, gas odorizing equipment, crude oil storage tanks, oil/water/gas separation system, carbon adsorbers, vapor recovery systems, flares, gasoline storage and dispensing system and various exempt equipment. Additionally, three natural gas fired turbines (15,200 HP each) driving the compressors that were in operation since 1973, are being taken out of service and replaced with cleaner electrically driven compressors. These three gas turbines will be removed from the Title V renewal permit.

Pursuant to Title V of the federal Clean Air Act and SCAQMD Rule 3004(f), a Title V permit shall expire five years from the date of issuance, unless such permit has been renewed. Accordingly, the above facility has submitted a Title V renewal application and requested that SCAQMD renew their Title V permit. The proposed permit incorporates updates to the facility information, as provided in the facility's Title V renewal application, as well as updates to all rules and regulations that are currently applicable to the facility.

As required by Title V of the Federal Clean Air Act, Title V permits include all of the emission limits, applicable requirements and operating conditions imposed on the equipment. Title V facilities are required to certify compliance with the Title V permits in addition to recordkeeping and mandatory reporting of any deviation from the permit conditions.

The proposed permit is available for public review at SCAQMD, 21865 Copley Dr., Diamond Bar, CA 91765 and at the Northridge Branch Library, 9051 Darby Ave,

Northridge, CA 91325. The proposed permit can also be viewed at:

<http://www3.aqmd.gov/webappl/publicnotices2/> by

entering the Company ID 800128 followed by the Search Button. Information regarding the facility owner's compliance history submitted to the SCAQMD pursuant to California Health & Safety Code Section 42336, or otherwise known to the SCAQMD based on credible information, is also available at

<http://www3.aqmd.gov/webappl/fim/prog/search.asp>

x. Additional information on the facility, including

recent compliance actions is available at:

<http://www.aqmd.gov/home/regulations/compliance/aliso-canyon-update>. For more information or to

review additional supporting documents, please contact Mr. Roy Olivares at (909) 396-2208 or

[rolivares@aqmd.gov](mailto:rolivares@aqmd.gov). **Anyone wishing to comment**

**on the issuance of the proposed permit should submit their comments in writing by November 8, 2018.**

**Written comments should be submitted to:**

South Coast Air Quality Management District  
Engineering and Compliance Office  
21865 Copley Drive  
Diamond Bar, CA 91765-4178  
Attention: Mr. Andrew Lee  
Sr. AQ Engineer Manager

If you are concerned primarily about zoning decisions and the process by which this facility has been sited at this location, you should contact your local city or county planning department. For additional information, please contact Mr. Lee at (909) 396-2643 or by email at [Alee@aqmd.gov](mailto:Alee@aqmd.gov).

The public may request the SCAQMD to conduct a public hearing on the proposed permit by submitting a Hearing Request Form (Form 500-G) to Mr. Lee at the above SCAQMD address. The public hearing request must contain all the information requested on the form in order for the SCAQMD to determine whether or not the request is valid or if a public hearing will be held. The public hearing request forms may be obtained from the SCAQMD by calling the Title V hotline at (909) 396-3013, or downloading from the internet at <http://www.aqmd.gov/docs/default-source/grants/500-g-form.pdf?sfvrsn>. **Any request for a public hearing must be submitted to the SCAQMD no later than October 24, 2018. A copy of the public hearing request must also be sent by first class mail to the facility contact person listed above, at the same time.**

Right to Petition U.S. Environmental Protection Agency (EPA) for Reconsideration: Title V Permits are also subject to review and approval by US EPA. If a public comment is sent to the SCAQMD for this permit, and the SCAQMD has not addressed the comment in a satisfactory manner, and the EPA has not objected to the proposed permit, then the public may submit a petition



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requesting that the EPA reconsider the decision not to object. Petitions shall be submitted to US EPA, Region 9, Operating Permits Section at 75 Hawthorne Street, San Francisco, CA 94105, within 60 days after the end of the 45-day EPA review period. The EPA review period for this permit starts no earlier than September 28, 2018. EPA's review status may be found at <http://www2.epa.gov/caa-permitting/electronic-permit-submittal-system-region-9>.

## **FACILITY PERMIT TO OPERATE**

**SO CAL GAS CO  
12801 TAMPA AVE  
NORTHRIDGE, CA 91326**

### **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.

Wayne Nastri  
Executive Officer

By \_\_\_\_\_  
Laki Tisopulos, Ph.D., P.E.  
Deputy Executive Officer  
Engineering and Permitting

# FACILITY PERMIT TO OPERATE SO CAL GAS CO

## TABLE OF CONTENTS

Section	Description	Revision #	Date Issued
A	Facility Information	DRAFT	09/28/2018
B	RECLAIM Annual Emission Allocation	DRAFT	09/28/2018
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	DRAFT	09/28/2018
E	Administrative Conditions	DRAFT	09/28/2018
F	RECLAIM Monitoring and Source Testing Requirements	DRAFT	09/28/2018
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	DRAFT	09/28/2018
H	Permit To Construct and Temporary Permit to Operate	DRAFT	09/28/2018
I	Compliance Plans & Schedules	DRAFT	09/28/2018
J	Air Toxics	DRAFT	09/28/2018
K	Title V Administration	DRAFT	09/28/2018
Appendix			
A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	DRAFT	09/28/2018
B	Rule Emission Limits	DRAFT	09/28/2018

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION A: FACILITY INFORMATION

**LEGAL OWNER &/OR OPERATOR:** SO CAL GAS CO

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

**EQUIPMENT LOCATION:** 12801 TAMPA AVE  
NORTHRIDGE, CA 91326

**MAILING ADDRESS:** 12801 TAMPA AVE  
NORTHRIDGE, CA 91326

**RESPONSIBLE OFFICIAL:** TIMOTHY BOMBERGER

**TITLE:** STORAGE OPERATIONS MANAGER

**TELEPHONE NUMBER:** (818) 700-3650

**CONTACT PERSON:** ULIANA MICOVIC

**TITLE:** PRINCIPAL AQ SPECIALIST

**TELEPHONE NUMBER:** (818) 701-3499

**TITLE V PERMIT ISSUED:** November 19, 2013

**TITLE V PERMIT EXPIRATION DATE:** November 18, 2018

TITLE V	RECLAIM
YES	<b>NOx:</b> YES <b>SOx:</b> NO <b>CYCLE:</b> 1 <b>ZONE:</b> COASTAL

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

#### RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC <sup>1</sup> Holding as of 01/01/2018 (pounds)	Non-Tradable <sup>2</sup> Non-Usable RTCs (pounds)
7/2015 6/2016	Coastal	0	1723	0
1/2016 12/2016	Coastal	110916	55429	8296
7/2016 6/2017	Coastal	0	2243	16506
1/2017 12/2017	Coastal	110916	50168	0
7/2017 6/2018	Coastal	0	12069	0
1/2018 12/2018	Coastal	110916	107723	4208
7/2018 6/2019	Coastal	0	214337	8373
1/2019 12/2019	Coastal	110916	103515	4208
7/2019 6/2020	Coastal	0	205964	8373
1/2020 12/2020	Coastal	110916	95220	8296
7/2020 6/2021	Coastal	0	189458	16506
1/2021 12/2021	Coastal	110916	86804	8416
7/2021 6/2022	Coastal	0	172713	16745
1/2022 12/2022	Coastal	110916	70092	16712
7/2022 6/2023	Coastal	0	139462	33251
1/2023 12/2023	Coastal	110916	70092	0
7/2023 6/2024	Coastal	0	139462	0

**Footnotes:**

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

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1/2024 12/2024	Coastal	110916	70092	0
7/2024 6/2025	Coastal	0	139462	0
1/2025 12/2025	Coastal	110916	70092	0
7/2025 6/2026	Coastal	0	139462	0
1/2026 12/2026	Coastal	110916	70092	0
7/2026 6/2027	Coastal	0	139462	0
1/2027 12/2027	Coastal	110916	70092	0
7/2027 6/2028	Coastal	0	139462	0
1/2028 12/2028	Coastal	110916	70092	0
7/2028 6/2029	Coastal	0	139462	0
1/2029 12/2029	Coastal	110916	70092	0
7/2029 6/2030	Coastal	0	139462	0
1/2030 12/2030	Coastal	110916	70092	0
7/2030 6/2031	Coastal	0	139462	0
1/2031 12/2031	Coastal	110916	70092	0
7/2031 6/2032	Coastal	0	139462	0
1/2032 12/2032	Coastal	110916	70092	0

**Footnotes:**

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
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## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

#### RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC <sup>1</sup> Holding as of 01/01/2018 (pounds)	Non-Tradable <sup>2</sup> Non-Usable RTCs (pounds)
7/2032 6/2033	Coastal	0	139462	0
1/2033 12/2033	Coastal	110916	70092	0

**Footnotes:**

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. If the facility submits a permit application to increase in an annual allocation to a level greater than the facility's starting Allocation plus Non-Tradable credits as listed below, the application will be evaluated for compliance with Rule 2005 (c)(4). Rule 2005 (e) - Trading Zone Restrictions applies if an annual allocation is increased to a level greater than the facility's Starting Allocation plus Non-Tradable Credits:

Year		Zone	NOx RTC	Non-Tradable
Begin	End		Starting Allocation	Credits(NTC)
(month/year)			(pounds)	(pounds)
1/1994	12/1994	Coastal	512430	255761

# **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

## **SECTION C: FACILITY PLOT PLAN**

(TO BE DEVELOPED)

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: INTERNAL COMBUSTION</b>					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, G-2, NATURAL GAS, WAUKESHA, MODEL L-7042-G, ID NO, 233200, DRIVING 500 KW GENERATOR, 818 HP WITH A/N: 572060	D1	C181	NOX: LARGE SOURCE**	CO: 150 PPMV NATURAL GAS (5A) [RULE 1303(b)(2)-Offset, 5-10-1996]; CO: 250 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; NOX: 20 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005; RULE 2012, 12-4-2015]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV NATURAL GAS (5A) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; VOC: 200 PPMV NATURAL GAS (5) [RULE 1303(b)(2)-Offset, 5-10-1996]	C1.11, C10.1, D12.1, D12.5, D12.7, E115.1, E448.2, E448.3, H23.13, H23.16, K67.8
NON-SELECTIVE CATALYTIC REDUCTION, JOHNSON MATTHEY, THREE-WAY CATALYST, MODEL BX90, WITH AIR TO FUEL RATIO CONTROLLER, WOODWARD E3 RICH BURN	C181	D1			

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: INTERNAL COMBUSTION</b>					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, G-4, NATURAL GAS, WAUKESHA, MODEL L-7042-G, ID NO. 252991, DRIVING 500 KW GENERATOR, 818 HP WITH A/N: 539304	D2	C182	NOX: LARGE SOURCE**	CO: 150 PPMV NATURAL GAS (5A) [RULE 1303(b)(2)-Offset, 5-10-1996]; CO: 250 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; NOX: 20 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005; RULE 2012, 12-4-2015]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV NATURAL GAS (5A) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; VOC: 200 PPMV NATURAL GAS (5) [RULE 1303(b)(2)-Offset, 5-10-1996]	C10.1, D12.5, E115.1, E448.2, E448.3, H23.13, H23.16, K67.8
NON-SELECTIVE CATALYTIC REDUCTION, JOHNSON MATTHEY, THREE-WAY CATALYST, MODEL BX90, AIR TO FUEL RATIO CONTROLLER, WOODWARD E3 RICH BURN	C182	D2			

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: INTERNAL COMBUSTION</b>					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, G-1, NATURAL GAS, WAUKESHA, MODEL L-7042-G, ID NO. 233201, DRIVING 500 KW GENERATOR, 818 HP WITH A/N: 572061	D3	C183	NOX: LARGE SOURCE**	CO: 250 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; NOX: 20 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005; RULE 2012, 12-4-2015]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5A) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; VOC: 200 PPMV NATURAL GAS (5A) [RULE 1303(b)(2)-Offset, 5-10-1996]	C1.11, C10.1, D12.1, D12.5, D12.7, E115.1, E448.2, E448.3, H23.13, H23.16, K67.8
NON-SELECTIVE CATALYTIC REDUCTION, JOHNSON MATTHEY, THREE WAY CATALYST, MODEL BX90, WITH AIR TO FUEL RATIO CONTROLLER, WOODWARD E3 RICH BURN	C183	D3			

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
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\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: INTERNAL COMBUSTION</b>					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, G-3, NATURAL GAS, WAUKESHA, MODEL L-7042-G, ID NO. 233199, DRIVING 500 KW GENERATOR, 818 HP WITH A/N: 572062	D4	C184	NOX: LARGE SOURCE**	CO: 150 PPMV NATURAL GAS (5A) [RULE 1303(b)(2)-Offset, 5-10-1996]; CO: 250 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; NOX: 20 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005; RULE 2012, 12-4-2015]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV NATURAL GAS (5A) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; VOC: 200 PPMV (5) [RULE 1303(b)(2)-Offset, 5-10-1996]	C1.11, C10.1, D12.1, D12.5, D12.7, E115.1, E448.2, E448.3, H23.13, H23.16, K67.8
NON-SELECTIVE CATALYTIC REDUCTION, JOHNSON MATTHEY, THREE WAY CATALYST, MODEL BX90, WITH AIR TO FUEL RATIO CONTROLLER, WOODWARD RICH E3 BURN, 500 KW	C184	D4			
INTERNAL COMBUSTION ENGINE, LEAN BURN, NON-EMERGENCY, K-2, NATURAL GAS, INGERSOLL-RAND, MODEL 412 KVS, 4-STROKE, WITH STAGED COMBUSTION, 2000 HP WITH A/N: 500001	D6	C223	NOX: MAJOR SOURCE**	CO: 250 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]	D82.1, H23.16
CO OXIDATION CATALYST, PLATINUM BASED	C223	D6			

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements  
 \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

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<b>Process 1: INTERNAL COMBUSTION</b>					
INTERNAL COMBUSTION ENGINE, LEAN BURN, NON-EMERGENCY, K-5, NATURAL GAS, INGERSOLL-RAND, MODEL 412 KVS, 4-STROKE, WITH STAGED COMBUSTION, 2000 HP WITH A/N: 500005	D7	C224	NOX: MAJOR SOURCE**	CO: 250 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]	D82.1, H23.16
CO OXIDATION CATALYST, PLATINUM BASED	C224	D7			
INTERNAL COMBUSTION ENGINE, LEAN BURN, NON-EMERGENCY, K-1, NATURAL GAS, INGERSOLL-RAND, MODEL 412 KVS, 4-STROKE, WITH STAGED COMBUSTION, 2000 HP WITH A/N: 500000	D8	C225	NOX: MAJOR SOURCE**	CO: 250 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]	D82.1, H23.16
CO OXIDATION CATALYST, PLATINUM BASED	C225	D8			
INTERNAL COMBUSTION ENGINE, LEAN BURN, NON-EMERGENCY, K-3, NATURAL GAS, INGERSOLL-RAND, MODEL 412 KVS, 4-STROKE, WITH STAGED COMBUSTION, 2000 HP WITH A/N: 500002	D9	C226	NOX: MAJOR SOURCE**	CO: 250 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]	D82.1, H23.16
CO OXIDATION CATALYST, PLATINUM BASED	C226	D9			

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: INTERNAL COMBUSTION</b>					
INTERNAL COMBUSTION ENGINE, LEAN BURN, NON-EMERGENCY, K-4, NATURAL GAS, INGERSOLL-RAND, MODEL 412 KVS, 4-STROKE, WITH STAGED COMBUSTION, 2000 HP WITH A/N: 500004	D10	C227	NOX: MAJOR SOURCE**	CO: 250 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]	D82.1, H23.16
CO OXIDATION CATALYST, PLATINUM BASED	C227	D10			

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: INTERNAL COMBUSTION</b>					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, RICH BURN, NATURAL GAS, GENERAC, MODEL 6.8GNGD-100, NATURALLY ASPIRATED, 10 CYLINDERS, DRIVING AN 100 KW GENERATOR, 147 BHP WITH A/N: 571478	D215	C232	NOX: PROCESS UNIT**	CO: 0.2 LBS/GROSS MWH NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; CO: 0.6 GRAM/BHP-HR NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; CO: 270 PPMV NATURAL GAS (8) [40CFR 60 Subpart JJJJ, 1-18-2008]; NOX: 0.07 LBS/GROSS MWH NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; NOX: 0.15 GRAM/BHP-HR NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; NOX: 5.86 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005; RULE 2012, 12-4-2015]; NOX: 82 PPMV NATURAL GAS (8) [40CFR 60 Subpart JJJJ, 1-18-2008]; VOC: 0.1 LBS/GROSS MWH NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; VOC: 0.15 GRAM/BHP-HR NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; VOC: 60 PPMV NATURAL GAS (8) [40CFR 60 Subpart JJJJ, 1-18-2008]	C1.12, D12.1, D12.7, D29.2, E115.2, E175.2, E448.7, H23.18, H23.19

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements  
 \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: INTERNAL COMBUSTION</b>					
NON-SELECTIVE CATALYTIC REDUCTION, DCL, MODEL 2-DC49 CC, WITH AIR TO FUEL RATIO CONTROLLER, CONTINENTAL CONTROLS, MODEL EGC2	C232	D215 C233			C10.2, D12.8
CO OXIDATION CATALYST, TECOGEN ULTRA EMISSIONS RETROFIT KIT, THREE-WAY CATALYST, MODEL SSC150	C233	C232			C10.3, D12.9

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
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## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: INTERNAL COMBUSTION</b>					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, RICH BURN, NATURAL GAS, GENERAC, MODEL 6.8GNGD-100, NATURALLY ASPIRATED, 10 CYLINDERS, DRIVING AN 100 KW GENERATOR, 147 BHP WITH A/N: 571479	D217	C234	NOX: PROCESS UNIT**	CO: 0.2 LBS/GROSS MWH NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; CO: 0.6 GRAM/BHP-HR NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; CO: 270 PPMV NATURAL GAS (8) [40CFR 60 Subpart JJJJ, 1-18-2008]; NOX: 0.07 LBS/GROSS MWH NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; NOX: 0.15 GRAM/BHP-HR NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; NOX: 5.86 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; NOX: 82 PPMV NATURAL GAS (8) [40CFR 60 Subpart JJJJ, 1-18-2008]; VOC: 0.1 LBS/GROSS MWH NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; VOC: 0.15 GRAM/BHP-HR NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; VOC: 60 PPMV NATURAL GAS (8) [40CFR 60 Subpart JJJJ, 1-18-2008]	C1.12, D12.1, D12.7, D29.2, E115.2, E175.2, E448.7, H23.18, H23.19

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
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## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: INTERNAL COMBUSTION</b>					
NON-SELECTIVE CATALYTIC REDUCTION, DCL, MODEL 2-DC49 CC, WITH AIR TO FUEL RATIO CONTROLLER, CONTINENTAL CONTROLS, MODEL EGC2	C234	D217 C235			C10.2, D12.8
CO OXIDATION CATALYST, TECOGEN ULTRA EMISSIONS RETROFIT KIT, THREE-WAY CATALYST, MODEL SSC150	C235	C234			C10.3, D12.9

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
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## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: INTERNAL COMBUSTION</b>					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, RICH BURN, NATURAL GAS, GENERAC, MODEL 6.8GNGD-130, NATURALLY ASPIRATED, 10 CYLINDERS, DRIVING AN 130 KW GENERATOR, 189 BHP WITH A/N: 571480	D218	C236	NOX: PROCESS UNIT**	CO: 0.2 LBS/GROSS MWH NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; CO: 0.6 GRAM/BHP-HR NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; CO: 270 PPM NATURAL GAS (8) [40CFR 60 Subpart JJJJ, 1-18-2008]; NOX: 0.07 LBS/GROSS MWH NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; NOX: 0.15 GRAM/BHP-HR NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; NOX: 5.31 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; NOX: 82 PPMV NATURAL GAS (8) [40CFR 60 Subpart JJJJ, 1-18-2008]; VOC: 0.1 LBS/GROSS MWH NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; VOC: 0.15 GRAM/BHP-HR NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; VOC: 60 PPMV NATURAL GAS (8) [40CFR 60 Subpart JJJJ, 1-18-2008]	C1.13, D12.1, D12.7, D29.2, E115.2, E175.2, E448.7, H23.18, H23.19

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
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## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: INTERNAL COMBUSTION</b>					
NON-SELECTIVE CATALYTIC REDUCTION, DCL; MODEL 2-DC50 CC, WITH AIR TO FUEL RATIO CONTROLLER, CONTINENTAL CONTROLS, MODEL EGC2	C236	D218 C237			C10.2, D12.8
CO OXIDATION CATALYST, TECOGEN ULTRA EMISSIONS RETROFIT KIT, THREE-WAY CATALYST, MODEL SSC150	C237	C236			C10.3, D12.9

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
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## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: INTERNAL COMBUSTION</b>					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, RICH BURN, NATURAL GAS, GENERAC, MODEL 13.3GTA-250, NATURALLY ASPIRATED, 10 CYLINDERS, DRIVING AN 250 KW GENERATOR, 385 BHP WITH A/N: 571481	D219	C238	NOX: PROCESS UNIT**	CO: 0.2 LBS/GROSS MWH NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; CO: 0.6 GRAM/BHP-HR NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; CO: 270 PPMV NATURAL GAS (8) [40CFR 60 Subpart JJJJ, 1-18-2008]; NOX: 0.07 LBS/GROSS MWH NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; NOX: 0.15 GRAM/BHP-HR NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; NOX: 5.6 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; NOX: 82 PPMV NATURAL GAS (8) [40CFR 60 Subpart JJJJ, 1-18-2008]; VOC: 0.1 LBS/GROSS MWH NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; VOC: 0.15 GRAM/BHP-HR NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; VOC: 60 PPMV NATURAL GAS (8) [40CFR 60 Subpart JJJJ, 1-18-2008]	C1.17, C1.18, D12.1, D12.7, D29.2, E115.2, E175.2, E448.7, H23.18, H23.19

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: INTERNAL COMBUSTION</b>					
NON-SELECTIVE CATALYTIC REDUCTION, DCL, MODEL 2-DC74.5, WITH AIR TO FUEL RATIO CONTROLLER, CONTINENTAL CONTROLS, MODEL EGC4	C238	D219 C239			C10.2, D12.8
CO OXIDATION CATALYST, TECOGEN ULTRA EMISSIONS RETROFIT KIT, THREE-WAY CATALYST, MODEL SSC400	C239	C238			C10.3, D12.9

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: INTERNAL COMBUSTION</b>					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, RICH BURN, ON-SITE PORTABLE, NATURAL GAS, GENERAC, MODEL 6.8GNGD-130, NATURALLY ASPIRATED, 10 CYLINDERS, DRIVING AN 130 KW GENERATOR, 189 BHP WITH A/N: 571482	D230	C240	NOX: PROCESS UNIT**	CO: 0.2 LBS/GROSS MWH NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; CO: 0.6 GRAM/BHP-HR NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; CO: 270 PPMV NATURAL GAS (8) [40CFR 60 Subpart JJJJ, 1-18-2008]; NOX: 0.07 LBS/GROSS MWH NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; NOX: 0.15 GRAM/BHP-HR NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; NOX: 5.31 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; NOX: 82 PPMV NATURAL GAS (8) [40CFR 60 Subpart JJJJ, 1-18-2008]; VOC: 0.1 LBS/GROSS MWH NATURAL GAS (5) [RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]; VOC: 0.15 GRAM/BHP-HR NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; VOC: 60 PPMV NATURAL GAS (8) [40CFR 60 Subpart JJJJ, 1-18-2008]	C1.13, D12.1, D12.7, D29.2, E115.2, E175.2, E448.7, H23.18, H23.19, I297.1

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements  
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## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: INTERNAL COMBUSTION</b>					
NON-SELECTIVE CATALYTIC REDUCTION, DCL, MODEL 2-DC50 CC, WITH AIR TO FUEL RATIO CONTROLLER, CONTINENTAL CONTROLS, MODEL EGC2	C240	D230 C241			C10.2, D12.8
CO OXIDATION CATALYST, TECOGEN ULTRA EMISSIONS RETROFIT KIT, THREE-WAY CATALYST, MODEL SSC150	C241	C240			C10.3, D12.9
<b>Process 2: PETROLEUM STORAGE TANKS</b>					
STORAGE TANK, FIXED ROOF, NO. T-10, WASTE WATER, CRUDE OIL, 4200 GALS; DIAMETER: 8 FT ; HEIGHT: 8 FT A/N: 256062	D22				
STORAGE TANK, FIXED ROOF, NO. T-11, WASTE WATER/CRUDE OIL, 4200 GALS; DIAMETER: 8 FT ; HEIGHT: 8 FT A/N: 256063	D23				
STORAGE TANK, FIXED ROOF, NO. T-67, SURGE, VENTED TO VAPOR RECOVERY SYSTEM, 1000 BBL; DIAMETER: 22 FT ; HEIGHT: 16 FT A/N: 259719	D25	C152 C163			E57.1, E127.1, H23.1
STORAGE TANK, FIXED ROOF, NO. SGP T-9A, CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, 4000 BBL; DIAMETER: 35 FT ; HEIGHT: 24 FT A/N: 542734	D27	C152 C163			E57.1, H23.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 2: PETROLEUM STORAGE TANKS</b>					P13.1
STORAGE TANK, FIXED ROOF, NO. T-99, VENTED TO VAPOR RECOVERY SYSTEM, 2000 BBL; DIAMETER: 29 FT ; HEIGHT: 16 FT A/N: C08887	D29	C152 C163			E57.1, H23.1
STORAGE TANK, FIXED ROOF, NO. T-15, SURGE, VENTED TO VAPOR RECOVERY SYSTEM, 3000 BBL; DIAMETER: 25 FT ; HEIGHT: 24 FT A/N: C08890	D31	C189 C190			E57.1, H23.1
STORAGE TANK, FIXED ROOF, NO. T-2, VENTED TO VAPOR RECOVERY SYSTEM, 1500 BBL; DIAMETER: 25 FT ; HEIGHT: 20 FT A/N: C08892	D32	C189 C190			E57.1, H23.1
STORAGE TANK, FIXED ROOF, NO. T-1, VENTED TO VAPOR RECOVERY SYSTEM, 1500 BBL; DIAMETER: 25 FT ; HEIGHT: 18 FT A/N: C08893	D33	C189 C190			E57.1, H23.1
STORAGE TANK, FIXED ROOF, NO. T-31, VENTED TO VAPOR RECOVERY SYSTEM, 10000 BBL; DIAMETER: 47 FT 6 IN; HEIGHT: 32 FT A/N: C13140	D35	C164 C192			E57.1, H23.1
STORAGE TANK, FIXED ROOF, NO. T-32, VENTED TO VAPOR RECOVERY SYSTEM, 10000 BBL; DIAMETER: 47 FT 6 IN; HEIGHT: 32 FT A/N: C13141	D36	C164 C192			E57.1, H23.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements
- \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 2: PETROLEUM STORAGE TANKS</b>					P13.1
TANK, FIXED ROOF, SURGE, NO. 29101, VENTED TO VAPOR RECOVERY SYSTEM, 2000 BBL; DIAMETER: 29 FT 9 IN; HEIGHT: 16 FT 1 IN A/N: 298461	D139	C151			E57.1, H23.1
TANK, FIXED ROOF, SURGE, NO. 29102, VENTED TO VAPOR RECOVERY SYSTEM, 2000 BBL; DIAMETER: 29 FT 9 IN; HEIGHT: 16 FT 1 IN A/N: 298461	D140	C151			E57.1, H23.1
TANK, FIXED ROOF, WASH, NO. 1M91X, 1000 BBL; DIAMETER: 21 FT 6 IN; HEIGHT: 16 FT A/N: 298461	D141	C152 C163			E57.1, H23.1
TANK, FIXED ROOF, WASH, 1M91Y, VENTED TO VAPOR RECOVERY SYSTEM, 1000 BBL; DIAMETER: 21 FT 6 IN; HEIGHT: 16 FT A/N: 298461	D142	C152 C163			E57.1, H23.1
STORAGE TANK, FIXED ROOF, PWI T-55A, CRUDE OIL, VENTED TO VAPOR RECOVERY, 3000 BBL; DIAMETER: 29 FT 8 IN; HEIGHT: 24 FT A/N: 542733	D134	C189 C190			E57.1, H23.1
TANK, NO. T5964, CRUDE OIL, FIXED ROOF, VENTED TO VAPOR RECOVERY, 5000 BBL; DIAMETER: 38 FT ; HEIGHT: 24 FT A/N: 542733	D136	C189 C190			E57.1, H23.1
<b>Process 4: NATURAL GAS DISTRIBUTION PROCESS</b>					
<b>System 2: GAS ODORIZATION - PORTER</b>					

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
  - (3) Denotes RECLAIM concentration limit
  - (5) (5A) (5B) Denotes command and control emission limit
  - (7) Denotes NSR applicability limit
  - (9) See App B for Emission Limits
  - (2) (2A) (2B) Denotes RECLAIM emission rate
  - (4) Denotes BACT emission limit
  - (6) Denotes air toxic control rule limit
  - (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
  - (10) See section J for NESHAP/MACT requirements
- \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 4: NATURAL GAS DISTRIBUTION PROCESS</b>					
STORAGE TANK, PRESSURIZED, ODORANT, PRESSURIZED, 1000 GALS; DIAMETER: 3 FT 6 IN; HEIGHT: 15 FT A/N: 482615	D196	C199			E175.1, E179.1
CARBON FILTER A/N: 482615	C199	D196		<b>H2S: 16 PPMV (5) [RULE 431.1, 6-12-1998]</b>	D90.1, E153.1, K67.3
ODORANT DISPENSING EQUIPMENT A/N: 482622	D202				
<b>System 3: GAS ODORIZATION - DEHY 1</b>					
STORAGE TANK, PRESSURIZED, ODORANT, PRESSURIZED, 3000 GALS; DIAMETER: 6 FT ; HEIGHT: 15 FT A/N: 482622	D197	C200			E175.1, E179.1
CARBON FILTER A/N: 482622	C200	D197		<b>H2S: 16 PPMV (5) [RULE 431.1, 6-12-1998]</b>	D90.1, E153.1, K67.3
ODORANT DISPENSING EQUIPMENT A/N: 482615	D203				
<b>System 4: GAS ODORIZATION - DEHY 2</b>					
STORAGE TANK, PRESSURIZED, ODORANT, PRESSURIZED, 2000 GALS; DIAMETER: 4 FT ; HEIGHT: 15 FT A/N: 482623	D198	C201			E175.1, E179.1
ODORANT DISPENSING EQUIPMENT A/N: 482623	D204				
CARBON FILTER A/N: 482623	C201	D198		<b>H2S: 16 PPMV (5) [RULE 431.1, 6-12-1998]</b>	D90.1, E153.1, K67.3
<b>Process 5: OIL/GAS/WATER SEPARATION PROCESS</b>					

- \* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements
- \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 5: OIL/GAS/WATER SEPARATION PROCESS</b>					
<b>System 1: DEHYDRATION PLANT 1</b>					
FLARE, ELEVATED WITHOUT STEAM, FS-1, ACTING AS AN AFTERBURNER, NATURAL GAS, 16000 SCFH CAPACITY, HEIGHT: 33 FT 6 IN; DIAMETER: 4 FT 5.5 IN; 16.8 MMBTU/HR A/N: 442030	C93	D106 D168	NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005; RULE 2012, 12-4-2015]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	C1.6, D12.3, K67.2
KNOCK OUT POT, V-7, VENT GAS, HEIGHT: 12 FT ; DIAMETER: 1 FT .75 IN A/N: 442030	D97	D106 D116			
SUMP, DRAINAGE, COVERED, WIDTH: 5 FT ; DEPTH: 10 FT ; LENGTH: 10 FT A/N: 442030	D99	C100			
CARBON ADSORBER, 150 LBS A/N: 442030	C100	D99		VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	D90.2, K67.4
DRUM, V-102X, FLASH GAS KNOCKOUT DRUM, LENGTH: 6 FT ; DIAMETER: 2 FT A/N: 442030	D106	C93 D97			H23.20
VESSEL, C-3, RECTIFIER COLUMN, HEIGHT: 69 FT 2 IN; DIAMETER: 3 FT A/N: 442030	D115	D116			
KNOCK OUT POT, V-5, RECTIFIER OVERHEAD AND LEAN STRIPPER GAS, HEIGHT: 8 FT ; DIAMETER: 2 FT A/N: 442030	D116	D97 D115			
<b>System 2: DEHYDRATION PLANT 2</b>					

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements  
 \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 5: OIL/GAS/WATER SEPARATION PROCESS</b>					
FLARE, ELEVATED WITHOUT STEAM, FS-2, ACTING AS AN AFTERBURNER, NATURAL GAS, 16000 SCFH CAPACITY, HEIGHT: 33 FT 6 IN; DIAMETER: 4 FT 5.5 IN; 16.8 MMBTU/HR A/N: 244294	C98	D76	NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005; RULE 2012, 12-4-2015]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	C1.6, D12.3, K67.2
KNOCK OUT POT, V-62, VENT GAS, HEIGHT: 8 FT ; DIAMETER: 1 FT 3 IN A/N: 244294	D76	C98			H23.20
SUMP, DRAINAGE, 3-COMPARTMENT, COVERED, WIDTH: 5 FT ; HEIGHT: 14 FT ; LENGTH: 10 FT A/N: 244294	D77	C78			
CARBON ADSORBER, 150 LBS A/N: 244294	C78	D77		VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	D90.2, K67.4
<b>System 3: WATER CLARIFICATION</b>					
TANK, NO. 03M02A, WASTE WATER, FIXED ROOF, 3000 BBL; DIAMETER: 29 FT 9 IN; HEIGHT: 24 FT A/N: 287367	D137	C189 C190			E57.1, H23.1
TANK, WASH, NO. 03M02B, FIXED ROOF, 3000 BBL; DIAMETER: 29 FT 9 IN; HEIGHT: 24 FT A/N: 287367	D138	C189 C190			E57.1, H23.1
<b>Process 6: EXTERNAL COMBUSTION BOILER</b>					

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements  
 \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 6: EXTERNAL COMBUSTION BOILER</b>					
HEATER, H-6, NATURAL GAS, CE NATCO, MODEL VFH, 5 MMBTU/HR A/N: 229756	D83		NOX: PROCESS UNIT**	CO: 400 PPMV (5A) [RULE 1146, 11-1-2013]; CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 47.75 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005; RULE 2012, 12-4-2015]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	H23.24, H23.25
HEATER, H-20, NATURAL GAS, CE NATCO, MODEL VFH, 3 MMBTU/HR A/N: 229757	D84		NOX: PROCESS UNIT**	CO: 400 PPMV (5A) [RULE 1146.1, 5-13-1994; RULE 1146.1, 11-1-2013]; CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005; RULE 2012, 12-4-2015]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	H23.25, H23.26

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements  
 \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 6: EXTERNAL COMBUSTION BOILER</b>					
HEATER, LIQUID H-416, NATURAL GAS, AMERICAN HEATER COMPANY, MODEL AHE-650, WITH LOW NOX BURNER, 6.5 MMBTU/HR WITH A/N: 347641  BURNER, NATURAL GAS, POWER FLAME, MODEL C5-G-30, WITH LOW NOX BURNER, 6.5 MMBTU/HR	D175		NOX: PROCESS UNIT**	CO: 50 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; CO: 400 PPMV NATURAL GAS (5A) [RULE 1146, 11-1-2013]; CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 20 PPMV NATURAL GAS (4) [RULE 2005, 4-20-2001]; NOX: 47.75 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005; RULE 2012, 12-4-2015]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	D12.2, D28.2, E80.1, H23.24, H23.25

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements  
 \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 6: EXTERNAL COMBUSTION BOILER</b>					
HEATER, LIQUID HEATER H-418, NATURAL GAS, AMERICAN HEATER COMPANY, MODEL AHE-650, 6.5 MMBTU/HR WITH A/N: 347644	D177		NOX: PROCESS UNIT**	CO: 50 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; CO: 400 PPMV NATURAL GAS (5A) [RULE 1146, 11-1-2013]; CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 20 PPMV NATURAL GAS (4) [RULE 2005, 4-20-2001]; NOX: 47.75 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005; RULE 2012, 12-4-2015]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	D12.2, D28.2, H23.24, H23.25
BURNER, NATURAL GAS, POWER FLAME, MODEL C5-G-30, WITH LOW NOX BURNER, 6.5 MMBTU/HR					
<b>Process 9: CONSUMER FLEET REFUELING</b>					

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 9: CONSUMER FLEET REFUELING</b>					
STORAGE TANK, GASOLINE, DIESEL FUEL, DUAL COMPARTMENT, ABOVEGROUND, STEEL TANK INSTITUTE FIREGUARD PROTECTED, 7000 GALS; WIDTH: 8 FT ; HEIGHT: 8 FT 9 IN; LENGTH: 12 FT 2 IN WITH A/N: 556529	D91				C1.9, C1.10, D330.1, J109.1, J373.5
COMPARTMENT, GASOLINE, EQUIPPED WITH A PRV/VRV AND A OPW PHASE I EVR SYSTEM (VR-401-C), 5000 GALS	D228				
COMPARTMENT, DIESEL FUEL, NOT EQUIPPED WITH PHASE I VAPOR RECOVERY SYSTEM, 2000 GALS	D229				
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, GASOLINE, BALANCE RETRACTOR A/N: 556529	D92				C1.9, C1.10, D330.1, J110.1, J373.5
<b>Process 11: FUGITIVE EMISSIONS</b>					
FUGITIVE EMISSIONS, DRAINS A/N: 298461	D174				
<b>Process 12: VAPOR RECOVERY SYSTEMS</b>					
<b>System 2: VAPOR RECOVERY SYSTEM 2 (SHALLOW ZONE)</b>					
COMPRESSOR, VAPOR RECOVERY, ELECTRICALLY DRIVEN A/N: 298458	C151	D139 D140			
<b>System 3: VAPOR RECOVERY SYSTEM 3 (SESNON STORAGE)</b>					

- \* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements
- \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 12: VAPOR RECOVERY SYSTEMS</b>					
COMPRESSOR, VAPOR RECOVERY, SESNON STORAGE, ELECTRICALLY DRIVEN A/N: 298458	C163	D25 D27 D29 D141 D142			
COMPRESSOR, VAPOR RECOVERY, ELECTRICALLY DRIVEN A/N: 298458	C152	D25 D27 D29 D141 D142			
<b>System 4: VAPOR RECOVERY SYSTEM 4 (LIMEKILN)</b>					
COMPRESSOR, VAPOR RECOVERY, LIMEKILN, ELECTRICALLY DRIVEN A/N: 420855	C164	D35 D36 C192			
COMPRESSOR, VAPOR RECOVERY, LIMEKILN, ELECTRICALLY DRIVEN A/N: 420855	C192	D35 D36 C164			
<b>System 5: VAPOR RECOVERY SYSTEM 5 (PORTER GATHERING PLANT &amp; WATER PLANT)</b>					
COMPRESSOR, VAPOR RECOVERY, ELECTRICALLY DRIVEN A/N: 372096	C189	D31 D32 D33 D134 D136 D137 D138			
COMPRESSOR, VAPOR RECOVERY, ELECTRICALLY DRIVEN A/N: 372096	C190	D31 D32 D33 D134 D136 D137 D138			
<b>System 6: VAPOR RECOVERY SYSTEM PORTABLE (INTRA-FACILITY)</b>					
CARBON ADSORBER, PORTABLE (INTRA-FACILITY), 400 LBS A/N: 606365	C195			<b>H2S: 16 PPMV NATURAL GAS (5) [RULE 431.1, 6-12-1998]</b>	D90.1, E153.1, H23.15, K67.3
CARBON ADSORBER, PORTABLE (INTRA-FACILITY), 400 LBS A/N: 606365	C205			<b>H2S: 16 PPMV NATURAL GAS (5) [RULE 431.1, 6-12-1998]</b>	D90.1, E153.1, H23.15, K67.3
CARBON ADSORBER, PORTABLE (INTRA-FACILITY), 400 LBS A/N: 606367	C206			<b>H2S: 16 PPMV NATURAL GAS (5) [RULE 431.1, 6-12-1998]</b>	D90.1, E153.1, H23.15, K67.3

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 12: VAPOR RECOVERY SYSTEMS</b>					
CARBON ADSORBER, PORTABLE (INTRA-FACILITY), 400 LBS A/N: 606367	C207			<b>H2S:</b> 16 PPMV NATURAL GAS (5) [RULE 431.1, 6-12-1998]	D90.1, E153.1, H23.15, K67.3
CARBON ADSORBER, PORTABLE (INTRA-FACILITY), 400 LBS A/N: 606368	C208			<b>H2S:</b> 16 PPMV NATURAL GAS (5) [RULE 431.1, 6-12-1998]	D90.1, E153.1, H23.15, K67.3
CARBON ADSORBER, PORTABLE (INTRA-FACILITY), 400 LBS A/N: 606368	C209			<b>H2S:</b> 16 PPMV NATURAL GAS (5) [RULE 431.1, 6-12-1998]	D90.1, E153.1, H23.15, K67.3
<b>Process 13: BULK OIL LOADING FACILITY</b>					
LOADING ARM, TANK TRUCK, CRUDE OIL, CONNECTED TO FLARE (FS-1), WITH SUBMERGED FILLING, 1 TOTAL; DIAMETER: 6 IN A/N: 441423	D168	C93			C1.5, E178.1
<b>Process 14: R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RUL</b>					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E169			<b>VOC:</b> (9) [RULE 1113, 6-3-2011; RULE 1113, 2-5-2016; RULE 1171, 2-1-2008; RULE 1171, 5-1-2009]	K67.7
RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	E172			<b>CO2e:</b> (8) [CCR Title17Div3Ch1Section95665-77, 1-1-2018]	
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E173				H23.22
RULE 219 EXEMPT EQUIPMENT, HAND APPLICANT OF COATINGS, EXEMPT HAND WIPING OPERATIONS	E271			<b>VOC:</b> (9) [RULE 1113, 6-3-2011; RULE 1113, 2-5-2016; RULE 1171, 2-1-2008; RULE 1171, 5-1-2009]	
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT	E273			<b>VOC:</b> (9) [RULE 1171, 2-1-2008; RULE 1171, 5-1-2009]	
RULE 219 EXEMPT EQUIPMENT, MACHINING EQUIPMENT	E274			<b>VOC:</b> (9) [RULE 1171, 2-1-2008; RULE 1171, 5-1-2009]	

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 14:R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RUL</b>					
RULE 219 EXEMPT EQUIPMENT, REFRIGERATION UNIT	E276				H23.21
<b>Process 17:RULE 219 EQUIPMENT</b>					
RULE 219 EXEMPT EQUIPMENT, PROPANE STORAGE	E272				
RULE 219 EXEMPT EQUIPMENT, PUMPS	E275				
RULE 219 EXEMPT EQUIPMENT, ELECTRIC COMPRESSOR FOR NATURAL GAS	E277				
RULE 219 EXEMPT EQUIPMENT, VESSELS HOLDING NATURAL GAS	E278				
RULE 219 EXEMPT EQUIPMENT, CRANKCASE OILS STORAGE RESERVOIRS	E279				
RULE 219 EXEMPT EQUIPMENT, CRANKCASE OIL PUMPS, ASSOC. VALVES	E280				
RULE 219 EXEMPT EQUIPMENT, MOTOR AND LUBRICANT OIL VESSELS	E281				
RULE 219 EXEMPT EQUIPMENT, LUBRICANT OIL PUMPS, ASSOC. VALVES	E282				

- \* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements
- \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

# **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

## **SECTION D: DEVICE ID INDEX**

**The following sub-section provides an index  
to the devices that make up the facility  
description sorted by device ID.**

**FACILITY PERMIT TO OPERATE  
 SO CAL GAS CO  
 SECTION D: DEVICE ID INDEX**

<b>Device Index For Section D</b>			
<b>Device ID</b>	<b>Section D Page No.</b>	<b>Process</b>	<b>System</b>
D1	1	1	0
D2	2	1	0
D3	3	1	0
D4	4	1	0
D6	4	1	0
D7	5	1	0
D8	5	1	0
D9	5	1	0
D10	6	1	0
D22	16	2	0
D23	16	2	0
D25	16	2	0
D27	16	2	0
D29	17	2	0
D31	17	2	0
D32	17	2	0
D33	17	2	0
D35	17	2	0
D36	17	2	0
D76	21	5	2
D77	21	5	2
C78	21	5	2
D83	22	6	0
D84	22	6	0
D91	26	9	0
D92	26	9	0
C93	20	5	1
D97	20	5	1
C98	21	5	2
D99	20	5	1
C100	20	5	1
D106	20	5	1
D115	20	5	1
D116	20	5	1
D134	18	2	0

**FACILITY PERMIT TO OPERATE  
 SO CAL GAS CO  
 SECTION D: DEVICE ID INDEX**

<b>Device Index For Section D</b>			
<b>Device ID</b>	<b>Section D Page No.</b>	<b>Process</b>	<b>System</b>
D136	18	2	0
D137	21	5	3
D138	21	5	3
D139	18	2	0
D140	18	2	0
D141	18	2	0
D142	18	2	0
C151	26	12	2
C152	27	12	3
C163	27	12	3
C164	27	12	4
D168	28	13	0
E169	28	14	0
E172	28	14	0
E173	28	14	0
D174	26	11	0
D175	23	6	0
D176	24	6	0
D177	25	6	0
C181	1	1	0
C182	2	1	0
C183	3	1	0
C184	4	1	0
C189	27	12	5
C190	27	12	5
C192	27	12	4
C195	27	12	6
D196	19	4	2
D197	19	4	3
D198	19	4	4
C199	19	4	2
C200	19	4	3
C201	19	4	4
D202	19	4	2
D203	19	4	3

**FACILITY PERMIT TO OPERATE  
 SO CAL GAS CO  
 SECTION D: DEVICE ID INDEX**

<b>Device Index For Section D</b>			
<b>Device ID</b>	<b>Section D Page No.</b>	<b>Process</b>	<b>System</b>
D204	19	4	4
C205	27	12	6
C206	27	12	6
C207	28	12	6
C208	28	12	6
C209	28	12	6
D215	8	1	0
D217	10	1	0
D218	12	1	0
D219	14	1	0
C223	4	1	0
C224	5	1	0
C225	5	1	0
C226	5	1	0
C227	6	1	0
D228	26	9	0
D229	26	9	0
D230	16	1	0
C232	8	1	0
C233	8	1	0
C234	10	1	0
C235	10	1	0
C236	12	1	0
C237	12	1	0
C238	14	1	0
C239	14	1	0
C240	16	1	0
C241	16	1	0
E271	28	14	0
E272	29	17	0
E273	28	14	0
E274	28	14	0
E275	29	17	0
E276	29	14	0
E277	29	17	0

**FACILITY PERMIT TO OPERATE  
SO CAL GAS CO  
SECTION D: DEVICE ID INDEX**

<b>Device Index For Section D</b>			
<b>Device ID</b>	<b>Section D Page No.</b>	<b>Process</b>	<b>System</b>
E278	29	17	0
E279	29	17	0
E280	29	17	0
E281	29	17	0
E282	29	17	0

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

#### FACILITY CONDITIONS

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 11-9-2001]

F14.2 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

[RULE 431.2, 9-15-2000]

#### PROCESS CONDITIONS

P13.1 All devices under this process are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149

[RULE 1149, 5-2-2008]

## **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[Processes subject to this condition : 2]

#### **DEVICE CONDITIONS**

##### **C. Throughput or Operating Parameter Limits**

C1.5 The operator shall limit the loading rate to no more than 2.10 MM gallons per month.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002**]

[Devices subject to this condition : D168]

C1.6 The operator shall limit the fuel usage to no more than 23000 MM Btu in any one year.

The purpose(s) of this condition is to ensure that this equipment qualifies as a process unit.

[**RULE 2012, 5-6-2005; RULE 2012, 12-4-2015**]

[Devices subject to this condition : C93, C98]

C1.9 The operator shall limit the gasoline dispensed to no more than 6000 gallon(s) in any one calendar month.

Records of monthly fuel dispensed shall be prepared, shall be retained on site for 2 years, and shall be made available to District representatives upon request.

The owner/operator shall submit the facility's monthly gasoline throughput data for the previous calendar year to the Executive Officer on or before March 1 following each calendar year.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**]

[Devices subject to this condition : D91, D92]

C1.10 The operator shall limit the gasoline dispensed to no more than 72000 gallon(s) per year.

Records of annual fuel dispensed shall be prepared, shall be retained on site for 2 years, and shall be made available to District representatives upon request.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**]

[Devices subject to this condition : D91, D92]

C1.11 The operator shall limit the fuel usage to no more than 4.93 MM cubic feet in any one calendar month.

For the purpose of this condition, fuel usage shall be defined as the total natural gas usage of an engine.

The operator shall record and maintain the amount of all fuel combusted during each calendar month. The fuel usage records shall be kept for a period of five years and all records shall be made available to district personnel upon request.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1313(g), 12-7-1995]**]

[Devices subject to this condition : D1, D3, D4]

C1.12 The operator shall limit the fuel usage to no more than 0.94 MM cubic feet in any one calendar month.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

#### **The operator shall comply with the terms and conditions set forth below:**

For the purpose of this condition, fuel usage shall be defined as the total natural gas usage of an engine.

The operator shall record and maintain the amount of all fuel combusted during each calendar month. The fuel usage records shall be kept for a period of five years and all records shall be made available to District personnel upon request.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1313(g), 12-7-1995; RULE 2012, 5-6-2005; RULE 2012, 12-4-2015]**

[Devices subject to this condition : D215, D217]

- C1.13 The operator shall limit the fuel usage to no more than 1.33 MM cubic feet in any one calendar month.

For the purpose of this condition, fuel usage shall be defined as the total natural gas usage of an engine.

The operator shall record and maintain the amount of all fuel combusted during each calendar month. The fuel usage records shall be kept for a period of five years and all records shall be made available to District personnel upon request.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1313(g), 12-7-1995; RULE 2012, 5-6-2005; RULE 2012, 12-4-2015]**

[Devices subject to this condition : D218, D230]

- C1.17 The operator shall limit the operating time to no more than 2190 hour(s) in any one year.

**[RULE 2012, 5-6-2005; RULE 2012, 12-4-2015]**

[Devices subject to this condition : D219]

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

#### The operator shall comply with the terms and conditions set forth below:

- C1.18 The operator shall limit the fuel usage to no more than 2.56 MM cubic feet in any one calendar month.

For the purpose of this condition, fuel usage shall be defined as the total natural gas usage of an engine.

The operator shall record and maintain the amount of all fuel combusted during each calendar month. The fuel usage records shall be kept for a period of five years and all records shall be made available to District personnel upon request.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1313(g), 12-7-1995; RULE 2012, 5-6-2005; RULE 2012, 12-4-2015]**

[Devices subject to this condition : D219]

- C10.1 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is maintained between 750 and 1250 Deg F.

The operator shall monitor the temperature at the inlet of the non-selective catalytic reduction (NSCR) system. The temperature shall be measured based on a 4-hour rolling average.

[**RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016; 40CFR 63 Subpart ZZZZ, 1-30-2013]**

[Devices subject to this condition : D1, D2, D3, D4]

- C10.2 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is maintained between 750 and 1250 Deg F.

The operator shall monitor the temperature at the inlet of the non-selective catalytic reduction (NSCR) system.

[**RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]**

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : D215, D217, D218, D219, D230]

- C10.3 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is maintained between 400 and 600 Deg F.

The operator shall monitor the temperature at the inlet of the oxidation catalyst.

[**RULE 1110.2, 2-1-2008**; RULE 1110.2, 6-3-2016]

[Devices subject to this condition : D215, D217, D218, D219, D230]

#### **D. Monitoring/Testing Requirements**

- D12.1 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[**RULE 1110.2, 2-1-2008**; RULE 1110.2, 6-3-2016; **RULE 2012, 5-6-2005**; RULE 2012, 12-4-2015]

[Devices subject to this condition : D1, D3, D4, D215, D217, D218, D219, D230]

- D12.2 The operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage of the equipment.

[**RULE 2012, 5-6-2005**; RULE 2012, 12-4-2015]

[Devices subject to this condition : D175, D176, D177]

- D12.3 The operator shall install and maintain a(n) thermocouple to accurately indicate the presence of a flame at the pilot light.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C93, C98]

- D12.5 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature at the inlet to the NSCR.

**[RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016; 40CFR 63 Subpart ZZZZ, 1-30-2013]**

[Devices subject to this condition : D1, D2, D3, D4]

- D12.7 The operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage being supplied to the engine.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1313(g), 12-7-1995; RULE 2012, 5-6-2005; RULE 2012, 12-4-2015]**

[Devices subject to this condition : D1, D3, D4, D215, D217, D218, D219, D230]

- D12.8 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature at the inlet to the NSCR.

**[RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]**

[Devices subject to this condition : D215, D217, D218, D219, D230]

- D12.9 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature at the inlet of the oxidation catalyst.

**[RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]**

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : D215, D217, D218, D219, D230]

D28.2 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted to demonstrate compliance with Rule 1303 concentration limit.

The test shall be conducted to determine compliance with the CO and NOx emissions by either: (a) conducting a source test using District method 100.1 measured over a 30 minute averaging time, or (b) using a portable analyzer and a District-approved test method.

The test shall be conducted at least once every five years.

The test shall be conducted to determine the CO emissions at the outlet.

The test shall be conducted to determine the NOX emissions at the outlet.

The test shall be conducted when the equipment is operating under normal conditions. No test shall be required in any one year for which the equipment is not in operation.

**[RULE 1146, 11-1-2013; RULE 1303(a)-BACT, 5-10-1996; RULE 1303(a), 12-6-2002; RULE 2005, 12-4-2015; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D175, D176, D177]

D29.2 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
NOX emissions	District method 100.1	15 minutes	Outlet

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

ROG emissions	District Method 25.3	1 hour	Outlet
CO emissions	District method 100.1	15 minutes	Outlet

## **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

#### **The operator shall comply with the terms and conditions set forth below:**

The test shall be conducted using SCAQMD approved source test protocol P17109, but no later than 180 days after the initial start-up unless otherwise approved in writing by the Executive Officer. The SCAQMD shall be notified of the date and time of the test at least 10 days prior to the test. The test shall be conducted to determine the oxygen levels in the exhaust. In addition, the tests shall measure the fuel flow rate (mmcf/hour), and the flue gas flow rate

The test shall be conducted in accordance with SCAQMD approved test protocol P17109.

The test shall be conducted for 15 minutes for each load, while operating the engine at maximum, minimum and low firing rates.

The test shall be conducted for compliance verification of the 0.20 lb/MW-hr CO limit.

The test shall be conducted for compliance verification of the 0.07 lb/MW-hr NO<sub>x</sub> limit.

The test shall be conducted for compliance verification of the 0.10 lb/MW-hr VOC limit.

Two complete copies of source test reports (include the application number and a copy of the permit in the report) shall be submitted to the SCAQMD (addressed to south coast air quality management district, attn Roy Olivares, P.O. Box 4941, Diamond bar, CA 91765). The results in writing shall be submitted within 45 days after the source test is completed.

It shall include, but not be limited to emissions rate in lb/MW-hr, pounds per hour, concentration in ppmv @ 15% oxygen at the outlet of the engine, inlet temperature of the NSCR and in temperature of the secondary oxidation control module.

A testing laboratory certified by the SCAQMD laboratory approval program (LAP) in the required test methods for criteria pollutant to be measured, and in compliance with SCAQMD Rule 304 (no conflict of interest) shall conduct the test.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

Sampling facilities shall comply with the SCAQMD "guidelines for construction of sampling and testing facilities", pursuant to Rule 217.

[**RULE 1110.2, 2-1-2008**; RULE 1110.2, 6-3-2016]

[Devices subject to this condition : D215, D217, D218, D219, D230]

D82.1 The operator shall install and maintain a CEMS to measure the following parameters:

NOX concentration in ppmv

Concentrations shall be corrected to 15 percent oxygen on a dry basis.

[**RULE 2011, 5-6-2005**; **RULE 2012, 12-7-1995**]

[Devices subject to this condition : D6, D7, D8, D9, D10]

D90.1 The operator shall periodically monitor the H2S concentration at the outlet according to the following specifications:

The operator shall monitor once during each odorant transfer.

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C195, C199, C200, C201, C205, C206, C207, C208, C209]

D90.2 The operator shall periodically monitor the VOC concentration at the outlet of the activated carbon adsorber according to the following specifications:

The operator shall monitor once every month.

## **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C78, C100]

D330.1 The operator shall have a person that has been trained in accordance with Rule 461 conduct a semi-annual inspection of the gasoline transfer and dispensing equipment. The first inspection shall be in accordance with Rule 461, Attachment B, the second inspection shall be in accordance with Rule 461, Attachment C, and the subsequent inspections shall alternate protocols. The operator shall keep records of the inspection and the repairs in accordance to Rule 461 and Section K of this Permit.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D91, D92]

#### **E. Equipment Operation/Construction Requirements**

E57.1 The operator shall vent this equipment to an alternative, permitted air pollution control device whenever the equipment is disconnected from the primary vapor recovery control system.

**[RULE 1303(a)(1)-BACT, 5-10-1996]**

[Devices subject to this condition : D25, D27, D29, D31, D32, D33, D35, D36, D134, D136, D137, D138, D139, D140, D141, D142]

E80.1 The operator shall not use this equipment when any of the following equipment are operating:

Device ID: D176 [Liquid Heater H-417, Natural gas, 6.5 MMBTU/HR]

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D175]

E80.2 The operator shall not use this equipment when any of the following equipment are operating:

Device ID: D175 [Liquid Heater H-416, Natrual Gas, 6.5 MMBTU/HR]

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D176]

E115.1 The operator shall maintain an automatic air-to-fuel ratio controller so as to regulate the air-to-fuel ratio within tolerance limits as recommended by the catalyst supplier or manufacturer.

[**RULE 1110.2, 2-1-2008**; RULE 1110.2, 6-3-2016; **RULE 2012, 5-6-2005**; RULE 2012, 12-4-2015]

[Devices subject to this condition : D1, D2, D3, D4]

E115.2 The operator shall maintain an automatic air-to-fuel ratio controller so as to regulate the air-to-fuel ratio within tolerance limits as recommended by the catalyst supplier or manufacturer.

[**RULE 1303(a)(1)-BACT, 12-6-2002**]

[Devices subject to this condition : D215, D217, D218, D219, D230]

E127.1 The operator shall keep gauge/sample hatches closed except during actual gauging/sampling operations.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002**]

[Devices subject to this condition : D25]

E153.1 The operator shall change over the carbon in the adsorber whenever saturation occurs.

SPENT CARBON REMOVED FROM THE SYSTEM SHALL BE STORED IN  
CLOSED CONTAINERS PRIOR TO REMOVAL FROM SITE

[**RULE 1303(a)(1)-BACT, 5-10-1996**]

[Devices subject to this condition : C195, C199, C200, C201, C205, C206, C207, C208, C209]

E175.1 The operator shall not use this equipment unless all exhaust air passes through the following:

an activated carbon filter

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002**]

[Devices subject to this condition : D196, D197, D198]

E175.2 The operator shall not use this equipment unless all exhaust air passes through the following:

The primary three way catalyst which is in full operation and secondary oxidation catalyst which is in good operating condition at all times

[**RULE 1303(a)(1)-BACT, 12-6-2002**]

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : D215, D217, D218, D219, D230]

E178.1 The operator shall load crude oil into tank trucks using bottom loading.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002**]

[Devices subject to this condition : D168]

E179.1 For the purpose of the following condition number(s), exhaust gases shall be defined as gases displaced during all phases of odorant transfer and during depressurization of the injection system.

Condition Number E 175- 1

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002**]

[Devices subject to this condition : D196, D197, D198]

E448.2 The operator shall comply with the following requirements:

Performance testing for formaldehyde shall be conducted according to the procedures in Item 2 or 3, Table 4 of 40 CFR 63 Subpart ZZZZ after a catalyst change.

In lieu of complying with the 2.7 ppmvd formaldehyde emission limit, the operator may comply with the requirement to reduce formaldehyde emissions by 76% or more (or by 75% or more, if applicable) and using NSCR, or limit the concentration of formaldehyde in the the exhaust to 350 ppbvd or less at 15% O<sub>2</sub> and using NSCR.

[40 CFR 63.6615 and 63.6620]

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

**[40CFR 63 Subpart ZZZZ, 1-30-2013]**

[Devices subject to this condition : D1, D2, D3, D4]

E448.3 The operator shall comply with the following requirements:

The operator shall maintain the catalyst such that the pressure drop across the catalyst does not change by more than 2 inches of water at 100 percent load plus or minus 10 percent from the pressure drop across the catalyst measured during the initial performance test or alternative load as approved by the administrator.

The operator shall measure the pressure drop across the catalyst once per month and shall demonstrate that such pressure drop is within the operating limitation established during the performance test.

**[40CFR 63 Subpart ZZZZ, 1-30-2013]**

[Devices subject to this condition : D1, D2, D3, D4]

E448.7 The operator shall comply with the following requirements:

The operator shall install and maintain a calibrated electric meter that measures the net electrical output of the generator.

**[RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]**

[Devices subject to this condition : D215, D217, D218, D219, D230]

### **H. Applicable Rules**

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463

**[RULE 463, 3-11-1994]**

[Devices subject to this condition : D25, D27, D29, D31, D32, D33, D35, D36, D134, D136, D137, D138, D139, D140, D141, D142]

H23.13 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Formaldehyde	40CFR63, SUBPART	ZZZZ

**[40CFR 63 Subpart ZZZZ, 1-30-2013]**

[Devices subject to this condition : D1, D2, D3, D4]

H23.15 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149
VOC	District Rule	1176

When applicable, the VOC monitoring and testing frequency shall be in accordance with above mentioned rules. Records shall also be kept, in an approved format, to demonstrate compliance with above mentioned rules.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

**[RULE 1149, 5-2-2008; RULE 1176, 9-13-1996]**

[Devices subject to this condition : C195, C205, C206, C207, C208, C209]

H23.16 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
CO	District Rule	1110.2
VOC	District Rule	1110.2

whether or not explicitly stated on this permit, including, but not limited to, reporting, recordkeeping, monitoring, source testing, and other criteria defined in approved Rule 1110.2 (f)(1)(D) inspection and monitoring plan

**[RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]**

[Devices subject to this condition : D1, D2, D3, D4, D6, D7, D8, D9, D10]

H23.18 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
CO	District Rule	1110.2
ROG	District Rule	1110.2
NOX	District Rule	1110.2

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

Whether or not explicitly stated on this permit, including, but not limited to, reporting, recordkeeping, monitoring, source testing, and other criteria defined in approved Rule 1110.2 (f)(1)(D) inspection and monitoring plan.

The operator shall maintain and implement a revised inspection and monitoring (I & M) plan, based on equipment as described in this Facility Permit and previously approved I & M plan in accordance with the applicable provisions of Rule 1110.2 (F) (1)(D).

**[RULE 1110.2, 2-1-2008; RULE 1110.2, 6-3-2016]**

[Devices subject to this condition : D215, D217, D218, D219, D230]

H23.19 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
CO	40CFR60, SUBPART	JJJJ
NOX	40CFR60, SUBPART	JJJJ
VOC	40CFR60, SUBPART	JJJJ

**[40CFR 60 Subpart JJJJ, 1-18-2008]**

[Devices subject to this condition : D215, D217, D218, D219, D230]

H23.20 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Benzene	40CFR63, SUBPART	HHH

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

**[40CFR 63 Subpart HHH, 4-20-2006]**

[Devices subject to this condition : D76, D106]

H23.21 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1415.1

[RULE 1415.1, 12-3-2010]

[Devices subject to this condition : E276]

H23.22 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	40CFR82, SUBPART	F

**[40CFR 82 Subpart F, 6-25-2013]**

[Devices subject to this condition : E173]

H23.24 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
CO	District Rule	1146

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

The operator shall record the annual fuel usage for this equipment to demonstrate the annual therm usage per section (c)(5) is less than 90,000.

If this equipment exceeds 90,000 therms per year, the equipment shall comply with section (e)(4).

**[RULE 1146, 11-1-2013]**

[Devices subject to this condition : D83, D175, D176, D177]

H23.25 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
HAPs	40CFR63, SUBPART	DDDDD

**[RULE 1146, 11-1-2013; 40CFR 63 Subpart DDDDD, 11-20-2015]**

[Devices subject to this condition : D83, D84, D175, D176, D177]

H23.26 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
CO	District Rule	1146.1

The operator shall record the annual fuel usage for this equipment to demonstrate the annual therm usage per section (c)(5) is less than 18,000.

If this equipment exceeds 18,000 therms per year, the equipment shall comply with section (e)(3).

## **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[**RULE 1146.1, 5-13-1994; RULE 1146.1, 11-1-2013**]

[Devices subject to this condition : D84]

#### **I. Administrative**

I297.1 This equipment shall not be operated unless the facility holds 82 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. RTCs held to satisfy this condition may be transferred only after one year from the initial start of operation. If the hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

[**RULE 2012, 5-6-2005; RULE 2012, 12-4-2015**]

[Devices subject to this condition : D230]

#### **J. Rule 461**

J109.1 The operator shall use, except for diesel transfer, the phase I vapor recovery system in full operation whenever this equipment is in use. This system shall be installed, operated and maintained to meet all CARB certification requirements.

[**RULE 461, 4-6-2012**]

[Devices subject to this condition : D91]

## **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

J110.1 The operator shall use, except for diesel transfer, the phase II vapor recovery system in full operation whenever gasoline from this equipment is dispensed to motor vehicles as defined in Rule 461. This system shall be installed, operated and maintained to meet all CARB certification requirements.

**[RULE 461, 4-6-2012]**

[Devices subject to this condition : D92]

J373.5 The operator shall comply with the following gasoline transfer and dispensing requirements:

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

a). The Phase II vapor recovery systems shall be installed, operated, and maintained such that the maximum allowable pressure through the system including nozzle, vapor hose, swivels, and underground piping does not exceed the dynamic back pressures described by the California Air Resources Board (CARB) Executive Order by which the system was certified:

Nitrogen Flowrates (CFH)	Dynamic Back Pressure (Inches of Water)
60	0.35
80	0.62

As required by AQMD Rule 461 or CARB Executive Order, dynamic back pressure tests shall be conducted to determine the Phase II system vapor recovery back pressures. The tests shall be conducted in accordance with CARB Test Procedure Method TP-201.4. Results shall be submitted to the AQMD, Engineering and Compliance, within seventy-two (72) hours of the test.

The AQMD shall be notified by e-mail at [R461testing@aqmd.gov](mailto:R461testing@aqmd.gov) or by facsimile at telephone number (909) 396-3606 at least seventy two (72) hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractors; the location of the facility; and the scheduled start and completion dates of the dynamic back pressure test.

The test shall be conducted as frequently as that required by the most recent amendment to Rule 461 or CARB Executive Order requirements, whichever is more stringent.

b). As required by AQMD Rule 461 or CARB Executive Order, a static pressure leak decay test shall be conducted to demonstrate that the storage tanks, the remote and/or nozzle vapor recovery check valves, associated vapor return piping and fittings are free from vapor leaks. The test shall be conducted in accordance with CARB Test Procedure Method TP-201.3. Results shall be submitted to the AQMD, Engineering and Compliance, within seventy-two (72) hours of the test.

The AQMD shall be notified by e-mail at [R461testing@aqmd.gov](mailto:R461testing@aqmd.gov) or by facsimile at

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

telephone number (909) 396-3606 at least seventy-two (72) hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractors; the location of the facility; and the scheduled start and completion dates of the static pressure leak decay test.

c). If the CARB Executive Order requires the installation of a liquid removal device, a liquid removal rate test shall be conducted to demonstrate the removal of gasoline from the vapor passage of the coaxial hose. The test shall be conducted within thirty days of initial installation and in accordance with CARB test procedure Method TP-201.6. Results shall be submitted to the AQMD, Engineering and Compliance, within seventy-two (72) hours of the test.

The AQMD shall be notified by e-mail at [r461testing@aqmd.gov](mailto:r461testing@aqmd.gov) or by facsimile at telephone number (909) 396-3606 at least seventy-two (72) hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractors; the location of the facility; and the scheduled start and completion dates of the liquid removal rate test.

The testing frequency for the above mentioned tests shall be conducted in accordance with the most recent AQMD Rule 461 amendment or CARB Executive Order requirements, whichever is more stringent.

A leak rate and cracking pressure test of the pressure/vacuum relief vent valves shall be conducted within 10 days after start of operation of the Phase I EVR equipment and at least once every 3 years thereafter to determine the pressure and vacuum at which the pressure/vacuum vent valve actuates, and to determine the volumetric leak rate at a given pressure.

The test shall be conducted in accordance with the test procedure method TP-201.1E (October 8, 2003). results shall be submitted to the SCAQMD, Engineering and Compliance, within 72 hours of the test. the test results shall be kept on site for 3 years and made available to the Executive Officer upon request.

The SCAQMD at its discretion may wish to witness the installation an/or performance testing of the new vapor recovery equipment. At least 72 hours prior to

## **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

#### **The operator shall comply with the terms and conditions set forth below:**

the installation of the equipment and any of the mentioned testing requirements in this permit, the applicant shall notify the SCAQMD by methods specified at the time by the Executive Officer.

Such notification shall include the name of the owner or operator, the name of the contractor, the location of the facility, and the scheduled start and completion dates of the tests to be performed.

Unless SCAQMD Rule 461 requires a more frequent testing or inspection schedule, the owner/operator shall be responsible to perform the scheduled weekly, quarterly, and annual inspections as outlined in the CARB approved installation, operation, and maintenance manual for the OPW Phase I EVR system, as well as all the required vapor recovery system tests as per the current and appropriate CARB Executive Order.

At least 72 hours prior to backfilling any underground piping, the SCAQMD shall be notified by methods specified at the time by the Executive Officer. Such notifications shall include the name of the owner/operator, the name of the contractors, the location of the facility, and the scheduled start and completion dates of the backfilling procedure. The backfilling procedure shall not commence until inspected by a District Representative.

All Phase I and Phase II vapor recovery equipment at this facility shall be installed, operated, and maintained to meet all California Air Resources Board certification requirements.

A static pressure performance test shall be conducted to quantify the vapor tightness of the aboveground storage tank. The test shall be conducted in accordance with the latest version of exhibit 4 of the CARB Executive Order VR-401-C, as a performance test and as a reverification test. Results shall be submitted to the SCAQMD, Office of Engineering and Compliance, within 72 hours of the test.

New equipment installations and subsequent service and repairs for any certified component for which this permit was issued, shall only be performed by a current and certified person who has successfully completed the manufacturer's training course

## **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

### **SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

#### **The operator shall comply with the terms and conditions set forth below:**

and appropriate international code council (ICC) certification.

Completion of any SCAQMD training course does not constitute as a substitute for this requirement. Proof of successful completion of any manufacturer training course shall be with the manufacturer.

A copy of the pass/fail test results shall be sent by methods specified at the time by the Executive Officer within 72 hours after each test is conducted. Furthermore, the final test results demonstrating compliance shall be submitted by methods specified at the time by the Executive Officer within 14 calendar days from the date when all tests were passed.

The test report shall include at a minimum, each of the following:

All required records of all tests performed, test data, current SCAQMD ID no., Permit or Application No., ID no. of company performing the tests, a statement whether the system or component tested meets the required standards, the name, signature, and ID number of the person responsible for conducting the tests.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 461, 4-6-2012]**

[Devices subject to this condition : D91, D92]

#### **K. Record Keeping/Reporting**

K67.2 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Weekly records of temperature to verify flare pilot light operation

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : C93, C98]

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

H2S concentration at the outlet, once per odorant transfer

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C195, C199, C200, C201, C205, C206, C207, C208, C209]

K67.4 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

VOC concentration at the outlet, on a monthly basis

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C78, C100]

K67.7 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating 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 coatings.

For 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 coatings.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : E169]

K67.8 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Temperature at the inlet of catalyst

Differential pressure drop across the catalyst

Retain all records required by permit for a period of five years and make all records available to district personnel upon request

**[RULE 3004((a)(1), 12-12-1997; 40CFR 63 Subpart ZZZZ, 1-30-2013]**

[Devices subject to this condition : D1, D2, D3, D4]

## **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

### **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 SCAQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]

## **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

### **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 SCAQMD personnel upon request and be maintained for at least: [204]
  - a. Three years for a facility not subject to Title V; or
  - b. Five years for a facility subject to Title V.
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 SCAQMD 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, 204]
  - 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 a large NO<sub>x</sub> source, compliance with a RECLAIM concentration limit shall be measured over a continuous 60 minutes for that source; [2012]
  - d. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]

## **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

### **SECTION E: ADMINISTRATIVE CONDITIONS**

- e. 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]
  - f. 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 15 consecutive minutes. [409]
  - g. 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. All equipment operating under the RECLAIM program shall comply concurrently with all SCAQMD Rules and Regulations, except those listed in Table 1 of Rule 2001 for NO<sub>x</sub> RECLAIM sources and Table 2 of Rule 2001 for SO<sub>x</sub> RECLAIM sources. Those provisions listed in Tables 1 or 2 shall not apply to NO<sub>x</sub> or SO<sub>x</sub> emissions after the date the facility has demonstrated compliance with all monitoring and reporting requirements of Rules 2011 or 2012, as applicable. Provisions of the listed SCAQMD rules in Tables 1 or 2 which have initial implementation dates in 1994 shall not apply to a RECLAIM NO<sub>x</sub> or SO<sub>x</sub> source, respectively. [2001]
9. The operator shall, when a source test is required by SCAQMD, provide a source test protocol to SCAQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by SCAQMD. The test protocol shall contain the following information: [204, 304]
- a. Brief description of the equipment tested.

## **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

### **SECTION E: ADMINISTRATIVE CONDITIONS**

- b. Brief process description, including maximum and normal operating temperatures, pressures, through-put, 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/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 (no conflict of interest).
10. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by SCAQMD Rules or equipment-specific conditions. The report shall contain the following information: [204]
- a. The results of the source test.
  - b. Brief description of the equipment tested.
  - c. Operating conditions under which 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/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.

## **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

### **SECTION E: ADMINISTRATIVE CONDITIONS**

- f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.
- 11. 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 SCAQMD Source Test Method 1.1 and 1.2. [217]
- 12. Whenever required to submit a written report, notification or other submittal to the Executive Officer, SCAQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, SCAQMD, 21865 Copley Drive, Diamond Bar, CA 91765-4178. [204]

## **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

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

The Facility shall comply with all applicable monitoring and source testing requirements in Regulation XX. These requirements may include but are not limited to the following:

#### **I. NO<sub>x</sub> Monitoring Conditions**

A. The Operator of a NO<sub>x</sub> Major Source, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate an SCAQMD certified direct or time-shared monitoring device or an approved alternative monitoring device for each major NO<sub>x</sub> source to continuously measure the concentration of NO<sub>x</sub> emissions and all other applicable variables specified in Rule 2012, Table 2012-1 and Rule 2012, Appendix A, Table 2-A to determine the NO<sub>x</sub> emissions rate from each source. The time-sharing of CEMS among NO<sub>x</sub> sources may be allowed by the Executive Officer in accordance with the requirements for time sharing specified in Appendix A. [2012]
2. Install, maintain, and operate a totalizing fuel meter approved by the Executive Officer for each major source. [2012]
3. If the facility is operating existing CEMS and fuel meters, continue to follow recording and reporting procedures required by SCAQMD Rules and Regulations in effect prior to October 15, 1993 until the CEMS is certified pursuant to Rule 2012. [2012]
4. Use valid data collected by an SCAQMD certified or provisionally certified CEMS in proper operation that meets all the requirements of Appendix A of Rule 2012, unless final certification of the CEMS is denied, to determine mass emissions for all purposes, including, but not limited to, determining: [2012]
  - a. compliance with the annual Allocation;
  - b. excess emissions;
  - c. the amount of penalties; and
  - d. fees.

## **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

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

5. Follow missing data procedures as specified in Rule 2012 Appendix A whenever valid data is not available or collected to determine mass emissions for all purposes, including, but not limited to, determining: [2012]
  - a. compliance with the annual Allocation;
  - b. excess emissions;
  - c. the amount of penalties; and
  - d. fees.

B. The Operator of a NO<sub>x</sub> Large Source, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate a totalizing fuel meter and any device specified by the Executive Officer as necessary to determine monthly fuel usage or other applicable variables specified in Rule 2012, Appendix A, Table 3-A. The sharing of totalizing fuel meter may be allowed by the Executive Officer if the fuel meter serves large sources which have the same emission factor, concentration limit, or emission rate. The sharing of totalizing fuel meters shall not be allowed for large sources which are required to comply with an annual heat input limit. [2012]
2. Comply at all times with the specified NO<sub>x</sub> concentration limit in PPM measured over any continuous 60 minutes for that source or establish an equipment-specific emission rate that is reliable, accurate, representative of that sources emissions, and in accordance with the requirements specified in Rule 2012, Appendix A, Chapter 5. [2012]

C. The Operator of a NO<sub>x</sub> Process Unit, as defined in Rule 2012, shall, as applicable:

## **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

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

1. Install, maintain, and operate a totalizing fuel meter or any device approved by the Executive Officer to measure quarterly fuel usage or other applicable variables specified in Rule 2012, Table 2012-1, and Rule 2012, Appendix A, Table 4-A. The sharing of totalizing fuel meters may be allowed by the Executive Officer if the fuel meter serves process units which have the same emission factor or emission rate. The sharing of totalizing meter shall not be allowed for process units which are required to comply with an annual heat input limit. [2012]

#### **II. NO<sub>x</sub> Source Testing and Tune-up conditions**

1. The operator shall conduct all required NO<sub>x</sub> source testing in compliance with an SCAQMD-approved source test protocol. [2012]
2. The operator shall, as applicable, conduct source tests for every large NO<sub>x</sub> source no later than December 31, 1996 and every 3 years thereafter. The source test shall include the determination of NO<sub>x</sub> concentration and a relative accuracy audit of the exhaust stack flow determination (e.g. in-stack flow monitor or fuel flow monitor based F-factor calculation). Such source test results shall be submitted per the schedule described by APEP. In lieu of submitting the first source test report, the facility permit holder may submit the results of a source test not more than 3 years old which meets the requirements when conducted. [2012]
3. All NO<sub>x</sub> large sources and NO<sub>x</sub> process units shall be tuned-up in accordance with the schedule specified in Rule 2012, Appendix A, Chapter 5, Table 5-B. [2012]

## **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

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

The Facility shall comply with all applicable reporting and recordkeeping requirements in Regulation XX. These requirements may include but are not limited to the following:

#### **I. Recordkeeping Requirements for all RECLAIM Sources**

1. The operator shall maintain all monitoring data required to be measured or reported pursuant to Rule 2011 and Rule 2012, whichever is applicable. All records shall be made available to SCAQMD staff upon request and be maintained for at least:
  - a. Three years after each APEP report is submitted to SCAQMD for a facility not subject to Title V, unless a different time period is required in Rule 2011 or Rule 2012 [2011 & 2012]; or
  - b. Five years after each APEP report is submitted to SCAQMD for a facility subject to Title V. [3004(a)(4)(E)]
  - c. Notwithstanding the above, all data gathered or computed for intervals of less than 15 minutes shall only be maintained a minimum of 48 hours. [2011 & 2012]
2. The operator shall store on site and make available to the Executive Officer upon request: records used to determine emissions, maintenance records, sources test reports, relative accuracy test audit reports, relative accuracy audit reports and fuel meter calibration records. [2011 & 2012]

#### **II. Reporting Requirements for all RECLAIM Sources**

1. The operator shall submit a quarterly certification of emissions including the total facility NO<sub>x</sub> or SO<sub>x</sub> emissions, whichever is applicable, for the quarter within 30 days after the end of the first three quarters and 60 days after the end of the fourth quarter of a compliance year. [2004]

#### **NO<sub>x</sub> Reporting Requirements**

- A. The Operator of a NO<sub>x</sub> Major Source, as defined in Rule 2012, shall, as applicable:

## **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

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

1. No later than 12 months after entry into the RECLAIM program or after the initial operation of a new major source, whichever is later, install, maintain, and operate a reporting device to electronically report everyday to the SCAQMD central station for each major NO<sub>x</sub> source, the total daily mass emissions of NO<sub>x</sub> and daily status codes. Such data shall be transmitted by 5:00 p.m. of the following day. If the facility experiences a power, computer, or other system failure that prevents the submittal of the daily report, the Facility Permit holder shall be granted 24 hours extension to submit the report. [2012]
2. Calculate NO<sub>x</sub> emissions pursuant to missing data procedures set forth in Appendix A, Chapter 2 of Rule 2012 if the Facility Permit holder fails to meet the deadline for submitting the daily report. Notwithstanding the preceding condition, in no more than three non-consecutive occurrences per compliance year the reporting deadline extension following a system failure that precludes the Facility Permit holder from timely reporting shall be 96 rather than 24 hours provided that the raw data as obtained by the direct monitoring device is stored at the facility. [2012]
3. Submit an electronic report within 15 days following the end of each month totaling NO<sub>x</sub> emissions from all major NO<sub>x</sub> sources during the month. [2012]
4. For those facilities with existing CEMS and fuel meters as of October 15, 1993, continue to follow recording and reporting procedures required by SCAQMD Rules and Regulations in effect until the CEMS is certified pursuant to Rule 2011 and/or Rule 2012, as applicable. [2012]

B. The Operator of a NO<sub>x</sub> Large Source, as defined in Rule 2012, shall:

## **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

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

1. Install, maintain and operate a modem or any reporting device approved by the Executive Officer to report, to the SCAQMD, the total monthly NO<sub>x</sub> mass emissions from each large NO<sub>x</sub> source. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. Such data shall be reported within 15 days after the end of each calendar month. [2012]

C. The Operator of a NO<sub>x</sub> Process Unit, as defined in Rule 2012, shall:

1. Electronically report the calculated quarterly NO<sub>x</sub> emissions for each NO<sub>x</sub> process unit. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. [2012]

**FACILITY PERMIT TO OPERATE  
SO CAL GAS CO**

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

NONE

# FACILITY PERMIT TO OPERATE SO CAL GAS CO

## 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, with the following exceptions:

- a. The operator does not have to comply with NO<sub>x</sub> or SO<sub>x</sub> emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) which become effective after December 31, 1993.
- b. The operator does not have to comply with NO<sub>x</sub> or SO<sub>x</sub> emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) after the facility has received final certification of all monitoring and reporting requirements specified in Section F and Section G.

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
485461	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.

**FACILITY PERMIT TO OPERATE  
SO CAL GAS CO**

**SECTION J: AIR TOXICS**

**NOT APPLICABLE**

# FACILITY PERMIT TO OPERATE SO CAL GAS CO

## 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 SO CAL GAS CO

## 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 SO CAL GAS CO

### 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 SO CAL GAS CO

### 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 SO CAL GAS CO

### 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 SO CAL GAS CO**

### **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 SO CAL GAS CO

### 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 SO CAL GAS CO**

### **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 SO CAL GAS CO

### 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	6-3-2016	Non federally enforceable
RULE 1113	2-5-2016	Non federally enforceable
RULE 1113	6-3-2011	Federally enforceable
RULE 1146	11-1-2013	Federally enforceable
RULE 1146.1	11-1-2013	Non federally enforceable
RULE 1146.1	5-13-1994	Federally enforceable
RULE 1148.2	4-5-2013	Non federally enforceable
RULE 1149	5-2-2008	Federally enforceable
RULE 1171	2-1-2008	Federally enforceable
RULE 1171	5-1-2009	Non federally enforceable
RULE 1176	9-13-1996	Federally enforceable
RULE 118	12-7-1995	Non federally enforceable
RULE 1303(a)	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(a)-BACT	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 1313(g)	12-7-1995	Federally enforceable
RULE 1401	9-1-2017	Non federally enforceable
RULE 1415.1	12-3-2010	Non federally enforceable

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION K: TITLE V Administration

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 1703(a)(2) - PSD-BACT	10-7-1988	Federally enforceable
RULE 2005	12-4-2015	Federally enforceable
RULE 2005	4-20-2001	Federally enforceable
RULE 2011	5-6-2005	Federally enforceable
RULE 2012	12-4-2015	Non federally enforceable
RULE 2012	5-6-2005	Federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 217	1-5-1990	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	3-16-2001	Federally enforceable
RULE 3004	12-12-1997	Federally enforceable
RULE 3004((a)(1)	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	3-16-2001	Federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 304	5-11-2001	Non federally enforceable
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 402	5-7-1976	Non federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 431.1	6-12-1998	Federally enforceable
RULE 431.2	5-4-1990	Federally enforceable
RULE 431.2	9-15-2000	Non federally enforceable
RULE 461	4-6-2012	Federally enforceable

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### SECTION K: TITLE V Administration

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 463	3-11-1994	Federally enforceable
RULE 701	6-13-1997	Federally enforceable
CCR Title17Div3Ch1Section9566 -77	1-1-2018	Non federally enforceable
40CFR 60 Subpart JJJJ	1-18-2008	Federally enforceable
40CFR 63 Subpart DDDDD	11-20-2015	Federally enforceable
40CFR 63 Subpart DDDDD	12-6-2006	Federally enforceable
40CFR 63 Subpart HHH	4-20-2006	Federally enforceable
40CFR 63 Subpart ZZZZ	1-30-2013	Federally enforceable
40CFR 82 Subpart F	6-25-2013	Federally enforceable
40CFR Part 98 - Mandatory GHG Reporting	12-23-2011	Federally enforceable

## **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

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

1. OFFICE HEATING UNIT
2. GENERATOR
3. AIR COMPRESSORS
4. WELDERS
5. PRESSURE WASHERS

## **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

### **APPENDIX B: RULE EMISSION LIMITS [RULE 1113 02-05-2016]**

- (1) Except as provided in paragraphs (c)(3), (c)(4) of the Rule, 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 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.
- (2) No person within the District shall, at the point of sale of any architectural coating subject to the above paragraph (1), add to such coating any colorant that contains VOC in excess of the corresponding applicable VOC limit specified in the Table of Standards 2.

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### APPENDIX B: RULE EMISSION LIMITS [RULE 1113 02-05-2016]

#### TABLE OF STANDARDS 1 VOC LIMITS

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

COATING CATEGORY	Category Codes	Current Limit <sup>1</sup>	Effective Date			Small Container Exemption
			1/1/14	2/5/16	1/1/19	
Bond Breakers	5	350				✓
Building Envelope Coating	62	100			50	✓
Concrete-Curing Compounds	7	100				✓
Concrete-Curing Compounds For Roadways and Bridges <sup>2</sup>	7	350				✓ <sup>3</sup>
Concrete Surface Retarder	58	50	50			✓
Default	51	50	50			✓
Driveway Sealer	52	50				✓
Dry-Fog Coatings	8	50	50			✓
Faux Finishing Coatings						
Clear Topcoat	9a	100	100			✓
Decorative Coatings	9	350				✓
Glazes	9b	350				✓
Japan	9c	350				✓
Trowel Applied Coatings	9d	50	50			✓
Fire-Proofing Coatings	10	150	150			✓
Flats	13	50				✓ <sup>5</sup>
Floor Coatings	14	50				✓
Form Release Compound	16	100	100			✓
Graphic Arts (Sign) Coatings	17	200	150	200		✓
Industrial Maintenance (IM) Coatings	19	100				✓ <sup>5</sup>
Color Indicating Safety Coatings		480				✓ <sup>5</sup>
High Temperature IM Coatings	18	420				✓ <sup>5</sup>
Non-Sacrificial Anti-Graffiti Coatings	19a	100				✓ <sup>5</sup>
Zinc-Rich IM Primers	56	100				✓ <sup>5</sup>
Magnesite Cement Coatings	22	450				✓ <sup>3</sup>
Mastic Coatings	23	100	100			✓
Metallic Pigmented Coatings	24	150	150			✓
Multi-Color Coatings	25	250				✓ <sup>3</sup>
Nonflat Coatings	26, 27, 28	50				✓ <sup>5</sup>

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### APPENDIX B: RULE EMISSION LIMITS [RULE 1113 02-05-2016]

Pre-Treatment Wash Primers	29	420				✓ <sup>3</sup>
Primers, Sealers, and Undercoaters	30	100				✓
Reactive Penetrating Sealers	59	350				✓ <sup>4</sup>
Recycled Coatings	33	250			150	✓
Roof Coatings	34	50				✓
Roof Coatings, Aluminum	53	100				✓
Roof Primers, Bituminous	4	350				✓ <sup>3</sup>
Rust Preventative Coatings	35	100				✓ <sup>6</sup>
Sacrificial Anti-Graffiti Coatings	60	50				✓ <sup>3</sup>
Shellac						
Clear	37	730				✓ <sup>4</sup>
Pigmented	38	550				✓ <sup>4</sup>
Specialty Primers	39	100				✓
Stains	41	100				✓
Stains, Interior	40	250				✓
Stone Consolidants	61	450				✓ <sup>3</sup>
Swimming Pool Coatings						
Repair	43	340				✓ <sup>3</sup>
Other	42	340				✓ <sup>3</sup>
Tile and Stone Sealers	63	100				✓
Traffic Coatings	45	100				✓
Tub and Tile Refinishing Coatings	64	420				✓ <sup>4</sup>
Waterproofing Sealers	48	100				✓
Waterproofing Concrete/Masonry Sealers	49	100				✓
Wood Coatings		275				
Varnish	46, 47	275				
Sanding Sealers	36	275				
Lacquer	20	275				

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

### APPENDIX B: RULE EMISSION LIMITS [RULE 1113 02-05-2016]

Wood Conditioners	65	100				
Wood Preservatives						
Below-Ground	50	350				✓ <sup>3</sup>
Other	55	350				✓ <sup>3</sup>

1. The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.
2. Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.
3. Effective 02/05/2016, the small container exemption no longer applies per (f)(1).
4. Effective 01/01/2018, the small container exemption no longer applies per (f)(1).
5. Effective 01/01/2019, the small container exemption is further restricted per (f)(1).
6. Effective 01/01/2020, the small container exemption is further restricted per (f)(1).

#### TABLE OF STANDARDS 1 (cont.) VOC LIMITS

##### Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

# FACILITY PERMIT TO OPERATE SO CAL GAS CO

## APPENDIX B: RULE EMISSION LIMITS [RULE 1113 02-05-2016]

### TABLE OF STANDARDS 2 VOC LIMITS FOR COLORANTS

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

<b>COLORANT ADDED TO</b>	<b>Limit</b>
Architectural Coatings, excluding IM Coatings	50
Solvent-Based IM	600
Waterborne IM	50

## **FACILITY PERMIT TO OPERATE SO CAL GAS CO**

### **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 SO CAL GAS CO

### 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 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 SO CAL GAS CO

### 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 SO CAL GAS CO

### 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 SO CAL GAS CO

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

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

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

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

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

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

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

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

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

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

(1) Solvent Requirements

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

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

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

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

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

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

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

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

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

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

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

The operator shall not discharge into the atmosphere from this equipment, particulate matter in excess of the concentration at standard conditions, shown in Table 404(a). Where the volume discharged is between figures listed in the Table, the exact concentration permitted to be discharged shall be determined by linear interpolation.

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

**TABLE 404(a)**

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

## FACILITY PERMIT TO OPERATE SO CAL GAS CO

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

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter” Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
		Milligrams per Cubic Meter	Grains per Cubic Foot			Milligrams per Cubic Meter	Grains per Cubic Foot
Cubic meters Per Minute	Cubic feet Per Minute			Cubic meters Per Minute	Cubic feet Per 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 SO CAL GAS CO

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

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

# South Coast Air Quality Management District

## Statement of Basis

### Proposed Title V Renewal Permit

**Facility Name:** Southern California Gas Company/Aliso Canyon  
**Facility ID:** 800128  
**NAICS Code:** 486210  
**Equipment Location:** 12801 Tampa Ave.  
Northridge, CA 90095

**Application #(s):** 604230  
**Application Submittal Date(s):** 05/18/2018

**Responsible Official:** Timothy Bomberger  
Storage Operations Manager  
(310) 825-5689

**SCAQMD Contact Person:** Roy Olivares Air Quality Engineer  
**Phone Number:** (909) 396-2208  
**E-Mail Address:** rolivares@aqmd.gov

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#### 1. Introduction and Scope of Permit

Title V is a national operating permit program for air pollution sources. Facilities subject to Title V must obtain a Title V permit and comply with specific Title V procedures to modify the permit. This permit replaces the facility's other existing permits. Title V does not necessarily include any new requirements for reducing emissions. It does, however, include new permitting, noticing, record keeping, and reporting requirements.

Pursuant to Title V of the federal Clean Air Act and SCAQMD Rule 3004(f), a Title V permit shall expire five years after the date of issuance, unless such permit has been renewed. Accordingly, each facility is required to submit a Title V renewal application and request that the SCAQMD renew their Title V permit. The proposed permit incorporates updates to the facility information provided in the facility's Title V renewal application and all rules and regulations that are currently applicable to the facility.

The SCAQMD implements Title V through Regulation XXX – Title V Permits, adopted by the SCAQMD Governing Board in order to comply with EPA's requirement that local air permitting authorities develop a Title V program. Regulation XXX was developed with the participation of the public and affected facilities through a series of public workshops, working group meetings, public hearings and other meetings.

The Title V major source threshold for a particular pollutant depends on the attainment status of the pollutant. For the federal standards, NO<sub>2</sub>, SO<sub>2</sub>, CO, and PM<sub>10</sub> are in attainment, while PM<sub>2.5</sub> is serious non-attainment and ozone is extreme non-attainment. Lead is in partial non-attainment (Los Angeles County only). For the state standards, PM<sub>10</sub>, PM<sub>2.5</sub>, and ozone are non-attainment, while NO<sub>2</sub> and CO are attainment. For the South Coast Air Basin (SOCAB) the threshold levels are as follows:

<b>Pollutant</b>	<b>SOCAB Major Source Thresholds (tpy)</b>
VOC	10
NO <sub>x</sub>	10
SO <sub>x</sub>	100
CO	100
PM-10	100
PM-2.5	70
Single HAP	10
Combination of HAPS	25

A Title V permit renewal is proposed to be issued to cover the operations of Southern California Gas Company (SoCalGas), Aliso Canyon, 12801 Tampa Ave., Northridge, CA 91326. The Title V permit for this facility will expire on November 18, 2018. The facility has submitted the necessary information to renew their permit and has satisfied the requirements to obtain an application shield, which allows the continued operation of the facility under the terms and conditions of the existing permit should the permit not be renewed by the expiration date.

The Southern California Gas Company facility is subject to Title V requirements because its potential to emit (PTE) for NO<sub>x</sub>, CO, and VOC emissions are greater than the major source thresholds. The facility is not a major source of HAPs.

## **2. Facility Description**

The Southern California Gas Company operates the Aliso Canyon Underground Natural Gas Storage Facility located at 12801 Tampa Avenue, Northridge, CA 91326. It is located in a remote area of the Santa Susana Mountains in the northwest portion of the San Fernando Valley. The facility covers approximately 36,000 acres and is located in both the city and county of Los Angeles. The southern portion of the facility borders the neighborhood of Porter Ranch. Because of the remoteness of this location, the Aliso Canyon facility maintains its own electrical grid and receives the bulk of its power from a feed line from Southern California Edison.

The Aliso Canyon facility, discovered in 1938, used to be an oil field and produced oil under J. Paul Getty's Tidewater Associated Oil Company until the field was depleted in the early 1970's. J. Paul Getty sold the field to Pacific Lighting Company (a predecessor to SoCalGas) which repurposed the field to gas storage in 1972. The field is the 2<sup>nd</sup> largest storage facility of its kind in the United States. The facility's underground storage reservoir has the capacity to store about 88 billion cubic feet of natural gas. SoCalGas operates approximately 116 injection/withdrawal

wells at the facility. SoCalGas injects natural gas into the underground reservoir when the demand for natural gas is low and withdraws it when the demand for natural gas is high.

The facility operates nine rich-burn engines driving electrical generator, five lean-burn engines used to drive natural gas compressors and three gas turbines driving natural gas compressors and five heaters. SoCalGas informed the SCAQMD that the gas turbines will be removed from service on November 1, 2018 and have submitted District Form 200-C to inactivate the three gas turbines effective November 1, 2018 (prior to issuance of the Title V renewal). Therefore, the gas turbines will not be evaluated in this Title V renewal and not included in this Statement of Basis.

Other equipment operated at the facility consist of, but not limited to, the following: well head pumps, heat exchangers, dehydration vessels, natural gas odorization equipment, water clarification equipment, above ground storage tanks, gasoline storage and dispensing system, flares, carbon adsorbers, vapor recovery systems and various Rule 219 exempt equipment.

### 3. Construction and Permitting History

This is an existing facility that has been at this location since 1972 and received an initial Title V permit on September 5, 2007 under application no. 334232. The last Title V permit renewal was issued on November 19, 2013. There have been several subsequent permit revisions issued to this facility in the last five years (see table below). The facility submitted the Title V renewal application no. 604230 within the mandated time frames and is therefore covered by an application shield (application deemed complete on June 14, 2018).

**Table 1 Permit Revisions**

**Permitting Since the Title V Permit was Renewed on 11/19/2013, a/n 533346**

<b>Item</b>	<b>Equipment</b>	<b>Description</b>	<b>A/N</b>	<b>Date Approved</b>
Minor Permit Revision	Prime Natural Gas Engines	Modified 3 prime engines by removing the existing Air Fuel Ratio Controllers (AFRC) and installing new AFRC.	572059	8/4/2015
Significant Permit Revision	Prime Natural Gas Engines	Modify 4 emergency engines to be converted to prime engines. Add one new prime engine	571466	7/28/2018
Administrative Permit Revision	Carbon Adsorber	Revised description by removing reference to equipment manufacturer	606364	9/21/2018

**Table 2 - Summary of Permitted Equipment**

<b>Item</b>	<b>Equipment</b>
Internal Combustion	4 prime rich burn ICE with NSCR driving electrical generators, each 818 HP
	5 prime lean burn ICE with oxidation catalyst driving compressors, each 2000 HP
	5 prime rich burn ICE with 2 stage NSCR driving electrical generators (low use engines), 147-385 HP range
<b>Item</b>	<b>Equipment</b>
Petroleum Storage	16 storage tanks, various types, waste water, crude, surge, 14 vented to vapor recovery
Gas Odorization	Storage tanks, carbon filter, odorant dispensing
Gas Odorization Dehydration 1	Storage tanks, carbon filter, odorant dispensing
Gas Odorization Dehydration 2	Storage tanks, carbon filter, odorant dispensing
Dehydration Plant 1	Flare, carbon absorber, knockout drum
Dehydration Plant 2	Flare, carbon absorber, knockout drum
Water Clarification	Two tanks vented to vapor recovery
External Combustion	5 heaters/boiles, natural gas fired, 3-6.5 MMBTU/hr range
Consumer Fleet Refueling	Gasoline Storage & Dispensing system, (1) fuel dispensing nozzle, (1) 5,000 gallon above ground storage tank, with Phase I and Phase II vapor recovery.
Vapor Recovery Systems	7 vapor recovery systems with compressors and carbon absorbers
Carbon Adsorbers	Six (6) on-site portable carbon adsorbers
Bulk Loading	Loading arm, tanker truck, crude oil, vented to afterburner/flare
Rule 219 Equipment	engines < 50 hp, portable coating equipment, well heads (with pumps oil and gas), pressure washers, welders < 50 hp, air compressors <50 hp, hand applications of coatings, refrigeration equipment, pumps, office heating units, machining equipment, electric compressors, vessels hold natural gas, crankcase oil storage reservoirs, crankcase oil pumps (assoc. valves), motor and lubricant oil vessels, lubricant oil pumps (assoc. valves)

#### 4. Regulatory Applicability Determinations

Specific rule provisions, including the determinations made by SCAQMD as to the legal requirements which apply to each emission source at the facility, are summarized in the following tables:

Generally Applicable Rules (more detailed list is provided in Section K of the Title V permit)

- 401 – Visible Emissions
- 402 – Nuisance
- 404 – Particulate Matter Concentration (PM)
- 407 – Liquid and Gaseous Air Contaminants (CO and SO<sub>x</sub>)
- 409 – Combustion Contaminants (PM)
- 431.1 – Sulfur Content of Gaseous Fuel (SO<sub>x</sub>) Facility Exempt
- 431.2 – Sulfur Content of Liquid Fuels (SO<sub>x</sub>)
- 461 – Gasoline Loading (VOC)
- 463 – Organic Liquid Storage (VOC)
- 1110.2 – Emissions from Gaseous and Liquid Fueled Engines (VOC and CO only)
- 1113 – Architectural Coating
- 1146 – Emissions from Boilers, Steam Generators and Process Heaters (CO only)
- 1146.1 – Emissions from Boilers, Steam Generators and Process Heaters (CO only)
- 1173 – Fugitives (VOC); Facility is Exempt
- 1176-VOC Emissions from Wastewater Systems
- 2012 – RECLAIM Monitoring Recording and Recordkeeping (NO<sub>x</sub>)
- Regulation XXX – Title V Permits
- 40CFR 60 Subpart JJJJ – Stationary Spark Ignition Internal Combustion Engines NSPS
- 40CFR 63 Subpart ZZZZ – Stationary RICE NESHAP
- 40CFR 63 Subpart DDDDD - Industrial, Commercial, and Institutional Boilers and Process Heaters NESHAP
- 40CFR 63 Subpart HHH – Natural Gas Transmission and Storage Facilities NESHAP
- 40CFR Part 98 – Mandatory GHG Reporting
- CCR Title17 Division 3 Chapter 1 – Greenhouse Gas Emission Standards for Crude Oil and Natural Gas Facilities

#### COMBUSTION EQUIPMENT

##### A. Lean Burn 4-Stroke Engines

Rule 1110.2 (d)(1)(B)

Process	Device	HP Rating	Date Installed
1	D6	2000	Before 1976
1	D7	2000	Before 1976
1	D8	2000	Before 1976
1	D9	2000	Before 1976
1	D10	2000	Before 1976

All 5 engines are identical and rated at 2000 hp. Each engine is vented to oxidation catalyst to control CO and VOC emissions per Rule 1110.2. Below are the uncontrolled emissions (R1) for each engine for determining CAM applicability:

Pollutant	*R1-lb/hr	R1-lb/yr
VOC	1.47	12,860
CO	8.61	75,424

\*Reference a/n 153507 (D6) for CO

\*Applicant provided R1 emissions for these engines use the VOC lb/hr from D7.

Applicable Rule/Regulation	Requirements	Compliance Assessment
Rule 401 Visible Emissions (11/9/01)	Prohibits visible emissions exceeding Ringelmann No. 1 or equivalent opacity for > 3 minutes in any 1 hour.	No visible emissions reported since last permit renewal. Continued compliance expected
Rule 402 Nuisance (5/7/76)	Prohibits release of air contaminants which cause a nuisance.	No nuisance complaints for these engines reported since last permit renewal. Continued compliance expected.
Rule 404 Particulate Matter Concentration (2/7/86)	Limits particulate emissions gr/scf.	Grain loading from the engines expected to comply
Rule 409 Combustion Contaminants (8/7/81)	Limits particulate emissions to 0.1 gr/scf.	Grain loading from the engines expected to comply
Rule 431.1 Sulfur Content of Gaseous Fuel (6/12/98)	Sets a 16 ppm sulfur limit for natural gas <u>suppliers</u> .	The engines are fired on a natural gas that meets the sulfur limit of this rule.
Rule 1110.2	Limits CO emissions to 250 ppmv Limits VOC emissions to 30 ppmv Limits NOx emissions to 11 ppmv  Requires compliance testing and periodic monitoring depending on the operation schedule.	Applicant provided compliance testing and I&M plan. Continued compliance expected. The facility in the RECLAIM program and is not subject to the NOx limits of this rule for these engines.
Rule 2012 (5/6/2005)	Section (c)(2)(A) requires NOx CEMs to be installed and maintained	The engines are Major Sources and NOx CEMs is installed and operational. There is no NOx concentration limit required for the engines (Rule 1110.2 NOx limits does not apply to these RELCAIM sources). SoCalGas is in compliance with the monitoring and reporting sections of Rule 2012
40 CFR Part 60 Subpart JJJJ Standards of Performance for Stationary Spark Ignition Internal Combustion Engines	Sets NOx and VOC standards based on HP rating and type of fuel.	The engines were installed before 1976 and this regulation came into effect after 2006. The engines are not subject to this rule.
40 CFR Part 63 Subpart ZZZZ-National Emissions Standards for Hazardous Air	Sets formaldehyde concentration limit or efficiency limit. Sets CO limits.	For 4 stroke lean burn engines greater than 500 HP, there are no formaldehyde or CO emissions standards

Pollutants for Stationary Reciprocating Internal Combustion Engines		
40 CFR Part 64 - Compliance Assurance Monitoring	Requires monitoring to ensure control equipment is operating properly.	The engines are vented to oxidation catalyst, but the uncontrolled VOC and CO annual emissions are less than threshold limits of 10 tpy and 100 tpy, respectively. This regulation does not apply.  The engines are equipped with a NOx CEMs and satisfy the requirements of this regulations.

**B. Rich Burn 4 Stoke Engines**

Rule 1110.2 (d)(1)(B)

Process	Device	HP Rating	Date Installed
1	D1	818	1986
1	D2	818	1986
1	D3	818	1986
1	D4	818	1986

Each engine is vented to NSCR to control CO and VOC emissions per Rule 1110.2. Below are the uncontrolled emissions (R1) for each engine for determining CAM applicability:

Pollutant	*R1-lb/hr	R1-lb/yr
VOC	0.54	4,730
CO	14.41	126,232
NOx	19.8	173,618

\*Reference a/n 367656 (D1)

Rule 1110.2 (d)(1)(L) Distributive Generation (DG) Engines

Process	Device	HP Rating	Date Installed
1	D215	147	2011
1	D217	147	2011
.1	D218	189	2011
1	D219	385	2011
1	D230	189	2016

Each engine is vented to NSCR and CO catalyst to control NOx, CO and VOC emissions per Rule 1110.2. Below are the uncontrolled emissions (R1) for each engine for determining CAM applicability:

Process	Device	HP Rating	Pollutant	*R1-lb/hr	R1-lb/yr
1	D215	147	VOC	0.038	330
1	D217	147	VOC	0.038	330
1	D218	189	VOC	1.29	468
1	D219	385	VOC	0.10	903
1	D230	189	VOC	1.29	468

Process	Device	HP Rating	Pollutant	*R1-lb/hr	R1-lb/yr
1	D215	147	CO	4.78	41,762
1	D217	147	CO	4.78	41,762
1	D218	189	CO	6.78	59,196
1	D219	385	CO	13.07	114,215
1	D230	189	CO	7.14	62,546

Process	Device	HP Rating	Pollutant	R1-lb/hr	R1-lb/yr
1	D215	147	NOx	2.84	24,811
1	D217	147	NOx	2.84	24,811
1	D218	189	NOx	4.02	35,168
1	D219	385	NOx	4.77	68,855
1	D230	189	NOx	4.02	35,168

\*R1 from SCAQMD standard uncontrolled emissions factor.  
The above emissions are for CAM determination.

	Requirements	Compliance Assessment
Rule 401 Visible Emissions (11/9/01)	Prohibits visible emissions exceeding Ringelmann No. 1 or equivalent opacity for > 3 minutes in any 1 hour.	No visible emissions reported since last permit renewal. Continued compliance expected
Rule 402 Nuisance (5/7/76)	Prohibits release of air contaminants which cause a nuisance.	No nuisance complaints for these engines were reported since last permit renewal. Continued compliance expected.
Rule 404 Particulate Matter Concentration (2/7/86)	Limits particulate emissions gr/scf.	Grain loading from the engines expected to comply
Rule 409 Combustion Contaminants (8/7/81)	Limits particulate emissions to 0.1 gr/scf.	Grain loading from the engines expected to comply
Rule 431.1 Sulfur Content of Gaseous Fuel (6/12/98)	Sets a 16 ppm sulfur limit for natural gas <u>suppliers</u> .	The engines are fired on a natural gas that meets the sulfur limit of this rule.
Rule 1110.2	<u>Non-DG Engines</u> Limits CO emissions to 250 ppmv Limits VOC emissions to 30 ppmv Limits NOx emissions to 11 ppmv  <u>DG Engines</u> Limits CO emissions to 0.2 lb/mwhr Limits VOC emissions to 0.1 lb/mwhr Limits NOx emissions to 0.07 lb/mwhr  All Rich Burn Engines	<u>Non-DG Engines</u> Applicant provided compliant emissions test data. Continued compliance is expected. The facility is in the RECLAIM program and these engines are not subject to the NOx limits of this rule.  <u>DG Engines</u> D215, D217, D218 and D219 were originally permitted as emergency engines and was recently modified as non-emergency engines. As a non-emergency engine, the engines are subject to the DG emissions limits of this rule. A permit condition requires compliance testing. Continued compliance expected.  The facility is in the RECLAIM program and normally equipment with NOx emissions will not be subject to Regulation XI rules. However, section (d)(1)(L)(iv)

	Requires compliance testing and periodic monitoring depending on the operation schedule. Requires Inspection and Monitoring plan	requires facilities in the RECLAIM program with DG engines be subject to the NOx emissions limits in section (d)(1)(L)(i) of this rule.
Rule 2012 (5/6/2005)	Section (d)(1)(B)(ii) list the engines as Large Sources and requires the engines to have a concentration limit or emissions factor	<u>Non DG engines</u> There is a 20 ppmv concentration limit for NOx that is listed on the permit for D1, D2, D3 and D4.  <u>DG engines</u> Each engine has a RECLAIM emissions factor  SoCalGas is in compliance with the monitoring and reporting sections of Rule 2012
40 CFR Part 60 Subpart JJJJ Standards of Performance for Stationary Spark Ignition Internal Combustion Engines	Sets NOx and VOC standards based on HP rating and type of fuel.	<u>Non DG engines</u> The engines were installed in 1986 and this regulation came into effect after 2006. The engines are not subject to this rule.  <u>DG Engines</u> The engines are subject to this regulation. The emission limits of this regulation are listed on the permits. The equipment has been installed and awaiting testing. Once the test have been completed the applicant will provide compliance testing results for SCAQMD's review and approval.
40 CFR Part 63 Subpart ZZZZ--ZZZZ-National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engine	Sets formaldehyde concentration limit or efficiency limit. Sets CO limits.	<u>Non DG engines</u> For 4 stroke rich burn engines greater than 500 HP, there are formaldehyde or CO emissions standards and operating parameters. The engines are equipped with NSCR to comply with the standards, applicant provided source test summaries of each engine shows compliance with this rule. Continued compliance is expected.  <u>DG engines</u> The engines are considered new, the engines were changed from emergency to prime. NSCR was installed to comply with the DG emissions limits of Rule 1110.2 and the engines are not considered existing and are therefore subject to 40 CFR Part 60 Subpart JJJJ.
40 CFR Part 64 - Compliance Assurance Monitoring	Requires monitoring to ensure control equipment is operating properly.	The engines are vented to NSCR and the uncontrolled VOC and CO annual emissions are less than threshold limits. This regulation does not apply.  The uncontrolled emissions of NOx is greater than 10 tons per year for each DG and Non DG engine and are subject to CAM. The facility is in the RECLAIM Trading program and has extensive monitoring, testing and reporting requirements of this rule and satisfy the requirements of this regulation.

**C. Boilers**

Process	Device	MMBTU/hr
6	D83	5
6	D84	3
6	D175	6.5
6	D176	6.5
6	D177	6.5

	Requirements	Compliance Assessment
Rule 401 Visible Emissions (11/9/01)	Prohibits visible emissions exceeding Ringelmann No. 1 or equivalent opacity for > 3 minutes in any 1 hour.	No visible emissions reported since last permit renewal. Continued compliance expected
Rule 402 Nuisance (5/7/76)	Prohibits release of air contaminants which cause a nuisance.	No nuisance complaints for these boilers reported since last permit renewal. Continued compliance expected.
Rule 407 Liquid and Gaseous Air Contaminants (4/2/82)	Limits CO emissions to 2000 ppm and sulfur emissions to 500 ppm.	SoCalGas provided the most recent CO emissions for all the boilers. The boilers comply with the CO limits of this rule. Exempt from sulfur requirements since equipment is required to comply with Rule 431.1. Continued compliance expected.
Rule 409 Combustion Contaminants (8/7/81)	Limits particulate emissions to 0.1 gr/scf.	Based on estimated particulate emission rates, theoretical calculations show the units comply.
Rule 431.1 Sulfur Content of Gaseous Fuel (6/12/98)	Sets a 16 ppm sulfur limit for natural gas suppliers. For combustion of gas other than natural gas, sets a sulfur limit as shown in Table 1 of the rule, and requires continuous gas monitoring for sulfur content, and an annual report of monthly fuel consumption and sulfur content. Alternative monitoring plans are allowed.	The only gaseous fuel the boilers combust is pipeline quality natural gas. Continued compliance expected.
Rule 1146 Emissions of Oxides of Nitrogen from Small Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters- greater than 5 MMBtu/hr  (11/1/13)	Limits NOx to 9 ppm for natural gas firing and CO emissions to 400 ppm. Requires periodic testing with a portable analyzer monthly or every 750 operating hours (or quarterly/every 2000 operating hours). Requires a NOx and CO stack test every 5 years (for boilers < 10 mmbtu/hr), or every 3 years (for boilers ≥ 10 mmbtu/hr).	D83, D175, D176 and D177 are subject to this rule.  The facility is in the RECLAIM program and is not subject to the NOx limits of this rule.  The fuel usage for D83 is less than 90,000 therms per year and is subject to an existing Rule 1146 Compliance plan under A/N 261047 issued in 1992. Under the compliance plan, the equipment is not subject to the NOx and CO emissions limits by section (c)(5) but has to comply with the tune up requirements of this section  The applicant filed application no. 604225 to revise their existing Rule 1146 compliance plan and add D175, D176 and D177 to the plan. The applicant provided fuel usage data from 2013-2017 and the SCAQMD provided

		<p>fuel usage data from 2004-2007. The fuel usage for each boiler is less than 90,000 therms per year. Upon reviewing the current rule version, a compliance plan is no longer required by this rule. However, the equipment still qualifies under the low usage provision in (c)(5) which exempts it from the NOx and CO emission limits. There is a 20 ppmv BACT concentration limit for NOx for D175, D176 and D177.</p> <p>The application to revise the compliance plan was cancelled, and the existing compliance plan will be removed from Section I of the Title V Permit.</p> <p>Continued compliance expected.</p>
<p>Rule 1146.1 Emissions of Oxides of Nitrogen from Small Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters – 2 MMBtu/hr to 5 MMBtu/hr (11/1/13)</p>	<p>Limits NOx to 9 ppm for natural gas firing and CO emissions to 400 ppm. Requires periodic testing with a portable analyzer monthly or every 750 operating hours (or quarterly/every 2000 operating hours). Requires a NOx and CO stack test every 5 years.</p>	<p>D84 is subject to this rule. The fuel usage for this equipment is less than 18,000 therm per year and is subject to an existing Rule 1146.1 Compliance plan under A/N 273594.</p> <p>The applicant filed application no. 604226 to revise their existing Rule 1146.1 compliance plan to remove boilers that are no longer operating at the facility. Upon reviewing the current rule version the compliance plans are no longer required by this rule. However, the equipment still qualifies under the low usage provision in (c)(5) which exempts it from the NOx and CO emission limits. The application to revise the compliance plan was cancelled. The existing compliance plan will be removed from Section I of the Title V Permit.</p> <p>Continued compliance expected.</p>
<p>Rule 2012 (5/6/2005)</p>	<p>Section (e)(1)(A)(ii) list the boilers as Process Units and requires the boilers to have a concentration limit or emissions factor</p>	<p>The permit also has an emissions factor of 47.75 lb/mmcf for D83 D175, D176 and D177, and an emissions factor of 130 lb/mmcf for D84. SoCalGas is in compliance with the monitoring and reporting sections of Rule 2012.</p>
<p>40CFR Part 60 Subpart Dc Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units</p>	<p>Provides standard for SO2 and PM per sections §60.42c and §60.43c and Section §60.48c requires recordkeeping for fuel use.</p>	<p>The heaters (D83, D84 D175, D176 and D177) are less than 10 MMBTU/hr, Per §60.40b(c)(a) the regulation applies to heaters greater than 10 MMBTU/hr and less than 100 MMBTU/hr. Thus the heaters are not subject to this regulation</p>
<p>40 CFR 63 DDDDD- National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters</p>	<p>Limits PM, mercury, and CO from boilers, and requires work practice standards, emission reduction measures, and management practices to minimize emissions.</p>	<p>Under §63.7575, units designed to burn gas 1 subcategory include any boiler or process heater that burns natural gas. There are no emissions limits for this type of boiler. This equipment burns natural gas only. §63.7575 (e) Boilers and process heaters in the units designed to burn gas 1 fuels subcategory with a heat input capacity of less than or equal to 5 million Btu per hour must complete a tune-up every 5 years as specified in § 63.7540. Boilers and process heaters in the units designed to burn gas 1 fuels subcategory with a heat input capacity greater than 5 million Btu per hour and less than 10 million Btu per hour must complete a tune-up every 2 years as specified in § 63.7540. Boilers and process heaters in the units</p>

		<p>designed to burn gas 1 fuels subcategory are not subject to the emission limits in Tables 1 and 2 or 11 through 13 to this subpart, or the operating limits in Table 4 to this subpart</p> <p>SoCalGas is required to tune the boilers based on Rule 1146/1146.1 requirements .</p>
40 CFR Part 64 CAM Compliance Assurance Monitoring	Requires monitoring to ensure control equipment is operating properly.	The boilers are not vented to any control device and therefore not subject to this regulation

**NON COMBUSTION EQUIPMENT (except for flares, that is evaluated in Section D)**

**A. Gasoline Storage and Dispensing System**

Process	Device	Equipment
9	D91	Gasoline and diesel storage tank
9	D228	Gasoline nozzle
9	D229	Diesel nozzle

	Requirements	Compliance Assessment
Rule 461 Gasoline Dispensing (4/6/12)	<p>Requires gasoline tanks to be equipped with CARB Phase I vapor controls and submerged fill tubes. Requires fill tubes and dry breaks to be vapor tight. Requires use of a CARB certified spill box.</p> <p>Requires gasoline dispensing nozzles to be equipped with Phase II vapor controls, with insertion lock mechanisms, a vapor check valve, a coaxial hose, and a CARB certified breakaway coupling.</p> <p>Requires a maintenance program and an operation and maintenance (O&amp;M) manual for the vapor recovery system.</p> <p>Requires an initial performance test and annual or semi annual reverifications tests.</p> <p>Requires recordkeeping of the monthly gasoline throughput.</p>	The gasoline dispensing facility at SoCalGas is equipped with the proper Phase I and Phase II controls. SoCalGas has been conducting the required performance testing and maintaining the required records. Continued compliance is expected.
40CFR Part 63 Subpart CCCCCC National Emission Standards for Hazardous Air Pollutants for Source	Applies to gasoline dispensing facilities at area sources. For throughput between 10,000 and 100,000 gal/month, requires a submerged fill pipe and housekeeping measures such as	The tank at the dispensing facility is equipped with submerged fill pipe. SoCalGas conducts the required housekeeping measures. Continued compliance expected.

Category: Gasoline Dispensing Facilities	minimizing spills, cleaning up spills expeditiously, keeping any open containers of gasoline or storage tank fill pipes covered with a gasketed seal when not in use, and minimizing gasoline sent to open waste collection systems. Requires recordkeeping of gasoline throughput.	
40 CFR Part 64 CAM	Requires monitoring to ensure control equipment is operating properly.	The gasoline storage and dispensing system is vented to phase 1 & 2 vapor recovery system and is limited to 72,000 gallons per year. There is no VOC limit on the permit. The uncontrolled VOC emissions is 1,526 lb/yr, which is less than 10 tons per year. No CAM plan is required.

### B. Petroleum Storage Tanks

Process/System	Device	Equipment
2	D22	Waste water, crude oil
2	D23	Waste water, crude oil
2	D25	Surge tank
2	D27	Crude oil
2	D29	Tanks
2.	D31	Surge
2	D32	Tank T-2
2	D33	Tank T-1
2	D35	Tank T-31
2	D36	Tank T-32
2	D139	Surge tank 29101
2.	D140	Surge tank 29102
2.	D141	Wash tank 1M91X
2	D142	Wash tank 1M91Y
2.	D134	Crude oil
2	D136	Crude oil
5/3	D137	Waste water
5/3	D138	Wash tank surge

	Requirements	Compliance Assessment
Rule 401 Visible Emissions (11/9/01)	Prohibits visible emissions exceeding Ringelmann No. 1 or equivalent opacity for > 3 minutes in any 1 hour.	No visible emissions are expected from this equipment.. Continued compliance expected
Rule 402 Nuisance (5/7/76)	Prohibits release of air contaminants which cause a nuisance.	No nuisance complaints from the storage tanks reported since last permit renewal. Continued compliance expected.

Rule 463 Organic Liquid Loading (4/14/99)	Requires the vapor recovery system to comply with a 95% efficiency limits.	The vapor recovery system is in proper operation. Continued compliance expected. The vapor space above the liquid has a blanket of natural gas. As crude is added or removed from the tank, the gas is pulled through vapor recovery system by compressors and the gas is sent back blended back to the main natural gas lines.  D22 and D23 are waste water tanks and has a true vapor pressure less than 0.5 and not subject to this rule and are not vented to vapor recovery system.
Rule 1149 Storage Tank and Pipeline Cleaning and Degassing (5/2/2008)	Requires control of VOC during tank degassing	There are on-site portable carbon adsorbers that will be used when tank degassing is required. Continued compliance expected
Rule 1173 Control of Volatile Organic Compound Leaks and Releases from Components at Petroleum Facilities and Chemical Plants (2/6/09)	Limits VOC fugitive emissions	Per section (b), the rule application to natural gas processing plants. The definition of Natural Gas Processing plant is listed below  Section (c) (17) NATURAL GAS PROCESSING PLANT is a facility engaged in the separation of natural gas liquids from field gas and/or fractionation of the liquids into natural gas products, such as ethane, propane, butane, and natural gasoline. <b>Excluded from the definition are compressor stations, dehydration units, sweetening units, field treatment, underground storage facilities, liquefied natural gas units, and field gas gathering systems unless these facilities are located at a natural gas processing plant.</b>  Base on (c)(17), the facility is not subject to this rule.
40 CFR Part 64 CAM Compliance Assurance Monitoring	Requires monitoring to ensure control equipment is operating properly.	The storage tanks does not have any emissions limits and all the tanks are vented to vapor recovery system (except D22 and D23) that routes the capture natural gas in the gas processing system and is not subject to this regulation.

### C. Gas Odorization

Process/System	Device	Equipment
4/2	D196	Storage Tank, Odorant
4/2	C199	Carbon Filter
4/2	D202	Odorant Dispensing Equipment
4/3	D197	Storage Tank, Odorant
4/3	C200	Carbon Filter
4/3	D203	Odorant Dispensing Equipment
4/4	D198	Storage Tank, Odorant
4/4	C201	Carbon Filter
4/4	D204	Odorant Dispensing Equipment

	Requirements	Compliance Assessment
Rule 401 Visible Emissions (11/9/01)	Prohibits visible emissions exceeding Ringelmann No. 1 or equivalent opacity for > 3 minutes in any 1 hour.	No visible emissions are expected from this equipment.. Continued compliance expected
Rule 402 Nuisance (5/7/76)	Prohibits release of air contaminants which cause a nuisance.	The storage tank is vented to the tanker truck equipped with a vapor recovery system when being filled and vented to carbon for other operations, Continued compliance is expected.
Rule 431.1 Sulfur Content of Gaseous Fuels (6/12/98)		Limit the H2S from the carbon adsorber to 16 ppmv as required by this rule
Rule 1149 Organic Liquid Loading (4/14/99)	Tank degassing	There are on-site portable carbon adsorbers that will be used when tank degassing is required. Continued compliance expected
Regulation 13 (6/12/98)	Requires this equipment to install BACT and offset any emissions increase.	The tank is vented to the tanker truck vapor recovery system when being filled, and is vented to carbon adsorber for all other operations. There are no throughput limits or emissions limits

#### D. Oil/Gas Separation Process, Dehydration Plant

Process/System	Device	Equipment
5/1	C93	Flare*
5/1	D97	Knock out pot
5/1	D99	Sump
5/1	C100	Carbon adsorber
5/1	D106	Drum
5/1	D115	Vessel
5/1	D116	Knock out pot

\*The flare mainly vents the D106 and will vent the Bulk loading arm/tank truck D168 when it is in operation.

Process/System	Device	Equipment
5/2	C98	Flare
5/2	D76	Knock out pot
5/2	D77	Sump
5/2	C78	Carbon adsorber
5/2	D108	Flash Drum

	Requirements	Compliance Assessment
Rule 401 Visible Emissions (11/9/01)	Prohibits visible emissions exceeding Ringelmann No. 1 or equivalent opacity for > 3 minutes in any 1 hour.	No visible emissions are expected from this equipment with proper operation and maintenance. Continued compliance expected
Rule 402 Nuisance (5/7/76)	Prohibits release of air contaminants which cause a nuisance.	Nuisance not expected, equipment vented to flare and carbon adsorber

Rule 407 Liquid and Gaseous Air Contaminants (4/2/82)	Limits CO emissions to 2000 ppm and sulfur emissions to 500 ppm.	The CO concentration was determined during the evaluation and complies with this rule. Continued compliance expected
Rule 409 Combustion Contaminants (8/7/81)	Limits particulate emissions to 0.1 gr/scf.	Based on estimated particulate emission rates, theoretical calculations from the evaluation shown how the units comply.
Rule 431.1 Sulfur Content of Gaseous Fuel (6/12/98)	Sets a 16 ppm sulfur limit for natural gas <u>suppliers</u> . For combustion of gas other than natural gas, sets a sulfur limit as shown in Table 1 of the rule, and requires continuous gas monitoring for sulfur content, and an annual report of monthly fuel consumption and sulfur content. Alternative monitoring plans are allowed.	This rule only applies to the flare in this equipment group. The flare uses PUC regulated natural gas that has a sulfur content of less than 16 ppmv calculated as H <sub>2</sub> S. Continued compliance is expected
Rule 1147 NOx Reductions from Miscellaneous Sources (7/7/2017)	Sets NOx limits for various combustion sources	The flare is exempt per section (g)(3)(E)
Rule 1176 VOC Emissions From Wastewater Systems (9/13/96)	Limits VOC emissions from waste water system. The sump is subject to this regulation.	Sump is vented to carbon adsorber. The carbon adsorber is subject to section (6), requiring to demonstrated at least 95% control efficiency or the VOC ppmv at the outlet of the control is below 500 ppmv The applicant provided the VOC outlet concentration and complies with the 500 ppmv limit..
Rule 2012 (5/6/2005)	Section (e)(1)(A)(i) lists the combustion equipment, the flare is a process unit and requires the flare to have a concentration limit or emission factor	The flare has a 130 lb/mmcf emissions factor for NOx
40CFR Part 63 Subpart HHH National Emission Standards for Hazardous Air Pollutants From Natural Gas Transmission and Storage Facilities	National Emission Standards for Hazardous Air Pollutants From Natural Gas Transmission and Storage Facilities sets benzene emissions standards and control, monitoring and recordkeeping requirements for glycol dehydration unit process vent located at a major source of HAPs	§ 63.1275 (b)(1)(ii) requires the dehydration unit be vented to control device, the process tank is vented to a flare. The flare operates under the requirements of § 63.1281 (d)(1)(iii). The applicant has an existing inspection and monitoring plan per section § 63.1283 (d).

### E. Water Clarification

Process/System	Device	Equipment
5/3	D137	Waste water storage tank
5/3	D138	Waste water storage tank

	Requirements	Compliance Assessment
Rule 401 Visible Emissions (11/9/01)	Prohibits visible emissions exceeding Ringelmann No. 1 or equivalent opacity for > 3 minutes in any 1 hour.	No visible emissions are expected from this equipment with proper operation and maintenance. Continued compliance expected

Rule 402 Nuisance (5/7/76)	Prohibits release of air contaminants which cause a nuisance.	Nuisance not expected, equipment vented to vapor recovery system
Rule 463 Organic Liquid Loading (4/14/99)	Requires the vapor recovery system to comply with a 95% efficiency limit.	The vapor recovery system is in proper operation. Continued compliance expected.

## F. Vapor Recovery System

Process/System	Device	Equipment
12/2	C151	Compressor (electrically driven)
12/3	C163	Compressor (electrically driven)
12/3	C152	Compressor (electrically driven)
12/4	C164	Compressor (electrically driven)
12/4	C192	Compressor (electrically driven)
12/5	C189	Compressor (electrically driven)
12/5	C190	Compressor (electrically driven)
12/6	C195	*Carbon Adsorber, portable
12/6	C205	*Carbon Adsorber, portable
12/6	C206	*Carbon Adsorber, portable
12/6	C207	*Carbon Adsorber, portable
12/6	C208	*Carbon Adsorber, portable
12/6	C209	*Carbon Adsorber, portable

\*The carbon adsorbers on site are portable and are used to eliminate/minimize potential emissions associated with, but not limited to, emergencies, breakdowns and maintenance activities on various equipment, such as tanks, dehydration systems and other odor causing equipment at the facility.

	Requirements	Compliance Assessment
Rule 401 Visible Emissions (11/9/01)	Prohibits visible emissions exceeding Ringelmann No. 1 or equivalent opacity for > 3 minutes in any 1 hour.	No visible emissions are expected from this equipment with proper operation and maintenance. Continued compliance expected
Rule 402 Nuisance (5/7/76)	Prohibits release of air contaminants which cause a nuisance.	Nuisance not expected, the compressors vent storage tanks and gasses are sent back to the natural gas stream with no emissions to atmosphere
Rule 463 Organic Liquid Loading (4/14/99)	Requires the vapor recovery system to comply with a 95% efficiency limit.	The vapor recovery system is in proper operation. Continued compliance expected.
Rule 431.1 Sulfur Content of Gaseous Fuel (6/12/98)	Sets a 16 ppm sulfur limit for natural gas suppliers. For combustion of gas other than natural gas, sets a sulfur limit as shown in Table 1 of the rule, and requires continuous gas monitoring for sulfur content, and an annual report of monthly fuel consumption and sulfur content.	The carbon adsorbers (C195, C205, C206, C207, C208, C209) have 16 ppmv H <sub>2</sub> S limit. The carbon adsorbers are on-site portable and will be used in the facility to mitigate potential odors resulting from emergencies and breakdown of various equipment at the facility.  Continued compliance expected.

	Alternative monitoring plans are allowed.	
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### G. Bulk Loading Facility

Process/System	Device	Equipment
13	D168	Loading Arm, tank truck

	Requirements	Compliance Assessment
Rule 401 Visible Emissions (11/9/01)	Prohibits visible emissions exceeding Ringlemann No. 1 or equivalent opacity for > 3 minutes in any 1 hour.	No visible emissions are expected from this equipment with proper operation and maintenance. Continued compliance expected.
Rule 402 Nuisance (5/7/76)	Prohibits release of air contaminants which cause a nuisance.	Nuisance not expected, the loading arm is vented to a flare. Continued compliance expected
Rule 462 Organic Liquid Loading (5/14/99)	Requires the vapor recovery system to comply with a 95% efficiency limit.	The true vapor pressure of the liquid loaded is less than 1.5 psia as evidenced by the analysis submitted by the applicant. Therefore, the provisions of this rule does not apply per section (a).
Regulation XIII (6/12/98)	Requires this equipment to install BACT and offset any emissions increase.	The bulk loading was previously Rule 219 exempt and before the 1994 Northridge earthquake the system was not used much, since the oil was shipped off site via a pipeline. The pipeline was damaged due to the quake and beyond repair. Based on the increase in throughput of the bulk loading arm, the equipment was no longer exempt from permit and the applicant filed an application for a permit. The equipment was not required to install BACT, but the applicant did vent the system to a vapor recovery system, then later to a flare for safety reasons.
40 CFR Part 64 CAM	Requires monitoring to ensure control equipment is operating properly.	Not applicable, the tanker truck is vented to a flare, but and there are no permit requirements or VOC emissions limits for the tanker truck.

### H. Other Process

	Requirements	Compliance Assessment
Rule 1148.2 Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers (Amended September 4, 2015)	The purpose of this rule is to gather air quality-related information on oil and gas well drilling, well completion, and well reworks.	SoCalGas may do well drilling and or well rework. The rule requires reporting to be done when these activities are conducted. Since none of the equipment in the permit are subject to this rule, this rule is only included in section K of the permit to indicate its applicability.
40 CFR 98 (Amended December 23, 2011)	Mandatory Greenhouse Gas Reporting	Subpart A, C, and W applies to this facility

CCR, Title 17, Division 3, Chapter 1, Subchapter 10 Climate Change, Article 4 (Amended January 1, 2018)	Greenhouse Gas Emission Standards for Crude Oil and Natural Gas Facilities	The purpose of this article is to establish greenhouse gas emission standards for crude oil and natural gas facilities
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## 5. Monitoring and Operational Requirements

Applicable monitoring and operational requirements for which the facility is required to comply are identified in the Title V permit (for example, Section D, J, and K, and Appendix B). Analysis of applicable monitoring and operational requirements is included on this Statement of Basis. All periodic monitoring requirements were developed using strict adherence to the following applicable guidance documents: SCAQMD Periodic Monitoring Guidelines for Title V Facilities (November 1997), CAPCOA/CARB/EPA region IX Periodic Monitoring Recommendations for Generally Applicable Requirements in SIP (June 1999), and CAPCOA/CARB/EPA Region IX Recommended Periodic Monitoring for Generally Applicable Grain Loading Standards in the SIP: Combustion Sources (July 2001).

Note that the Compliance Assurance Monitoring (CAM) analysis is included in Section 4 Regulatory Applicability Determinations

**Table 3 - Monitoring and Operational Requirements**

<b>Emission Source</b>	<b>Summary of Monitoring/Operational Requirements</b>	<b>Regulatory Basis</b>
Rich Burn Engines, D1, D2, D3, D4	VOC and CO stack test between 1 to 3 years depending on hours of operations	R1110.2
	NOx concentration test once every 2 years	R2012, Large Source
	Formaldehyde testing	40 CFR 63 subpart ZZZZ
	Engine operating time	R1110.2, R2012
	Fuel use monitoring	R1303, R2012, R1313g
	Inspection & Monitoring Plan	R1110.2
	Temperature and pressure drop monitoring	R1110.2, 40 CFR 63 subpart ZZZZ
Lean Burn Engines, D6, D7, D8, D9, D10	VOC and CO stack test between 1 to 3 years depending on hours of operations	R1110.2
	Inspection & Monitoring Plan	R1110.2
	NOx CEMs	R2012, Major Source, no emissions limit
Rich Burn Engines, D215, D217, D218, D219, D230	Monthly fuel usage limit and monitoring	R1303, R1313g, Rule 2012
	Limit hours per year for D219 to keep the engine as a process unit	R2012
	Inspection & Monitoring Plan	R1110.2

Emission Source	Summary of Monitoring/Operational Requirements	Regulatory Basis
	NOx, VOC and CO stack test between 1 to 3 years depending on hours of operations	R1110.2, Rule 1303, Rule 2005 Note the NOx emissions from this equipment is subject to Rule 1110.2), R1110.2, 40 CFR 63 subpart JJJJ
Boiler, D83, D175, D176, D177	NOx and CO stack test once every 3 years or 5 years	R1146, The boilers are subject to section (c)(5) and is not subject the NOx and CO emissions limits
	NOx and CO periodic portable analyzer test	R1146, The boilers are subject to section (c)(5) and not subject the periodic monitoring requirements. Periodic monitoring is required in (d)(8)(A) for boilers subject to (c)(1), (c)(2), (c)(3) and (c)(4).
	Boiler Tuning	R1146 (c)(5)(B) based on the operation schedule of the boiler
Boiler, D84,	NOx and CO stack test once every 3 years or 5 years	R1146.1 The boiler is subject to section (c)(5) and is not subject the NOx and CO emissions limits.
	NOx and CO periodic portable analyzer test	R1146.1, The boiler is subject to section (c)(5) and not subject to the periodic monitoring requirements for CO and NOx. Periodic monitoring is required in (d)(7)(A) for boilers subject to (c)(1), (c)(2), (c)(3) and (c)(4).
	Boiler Tuning	R1146.1 (c)(5)(B) based on the operation schedule of the boiler
Gasoline Dispensing	P/V relief valve vent test once every 3 years	R461
	Monthly fuel throughput limits	R1303
	Yearly fuel throughput limits	R1401

Emission Source	Summary of Monitoring/Operational Requirements	Regulatory Basis
	Comply with phase I and II requirements	Rule 461, California Air Resources Board (CARB)
	Comply with Rule 461 or CARB Executive Order for performance testing	Rule 461, CARB
	Rule 461 semi-annual inspection	R461
Storage Tanks D25, D27, D29, D31, D32, D33,D35, D36, D139,D140, D141, D142, D134, D136	Vent tanks to vapor recovery system	R463
	Permit condition allows to vent to alternate control system when not connected to vapor recovery system	R1303
Gas Odorization D196, D197, D198, C199, C200, C201	Permit condition requires the tank to be vented to APC during filling operations.	R1303
	Permit condition limits the H2S concentration to 16 ppmv	R431.1
	Monitor H2S concentration during each odorant transfer	R3004
Dehydration Plant C93, C100, C98, C78	VOC	Measure VOC at APC outlet once per month and keep records, R3004
	Limit annual fuel usage of the flare	Keep the device as a process unit, R2012
	Permit condition require thermocouple installed to indicate the presence of a flame at the pilot light of the flare and measure and record the temperature once per week	R3004
Water Clarification D137, D138	Permit condition allows to vent to alternate control system when not connected to vapor recovery system	R1303
	VOC	R463, requires equipment to be vented to vapor recovery system

<b>Emission Source</b>	<b>Summary of Monitoring/Operational Requirements</b>	<b>Regulatory Basis</b>
Vapor Recovery Systems C151, C163, C152, C164, C192, C189, C190	VOC	Rule 463, the vapor recovery systems vent storage tanks and the rule requires a minimum control efficiency.
Vapor Recovery Systems, Carbon Adsorber C189, C190, C195, C205, C206, C207, C208, C209	H2S	Rule 431.1
	VOC	R1149, R1176
	Permit condition requires to monitor the H2S concentration once during each odorant transfer and keep records	R3004
Bulk Loading Facility D168	VOC	R462, not applicable the true vapor pressure of the crude oil is less than 1.5 psia. The applicant will have to keep oil lab analysis on site to demonstrate the equipment is not subject to this rule.
	Monthly crude oil throughput limits	R1303
	Require submerged fill when loading crude oil into the tanker car	R1303

## 6. Permit Features

### Permit Shield

A permit shield is an optional part of a Title V permit that gives the facility explicit protection from requirements that may be incorrectly specified in the permit. It is a provision in a permit that states that compliance with the conditions contained in the permit shall be deemed compliance with all identified regulatory requirements. To incorporate a permit shield into the Title V permit involves submission of applications for change of conditions for each equipment affected by the permit shield. Permit shields are addressed in Rule 3004 (c). This facility has not applied for a permit shield.

### Streamlining Requirements

Some emission units may be subject to multiple requirements which are closely related or redundant. The conditions may be streamlined to simplify the permit conditions and compliance. Emission limits, work practice standards, and monitoring, recordkeeping, and reporting requirements may be streamlined. Compliance with a streamlined condition will be deemed

compliance with the underlying requirements whether or not the emission unit is actually in compliance with the specific underlying requirement. This facility has not applied for any streamlined conditions.

**7. Summary of Emissions and Health Risks**

**A. Reported Emissions After Partial Gas Injection to Wells**

In October 2015, there was a major failure of one gas injection well. The facility stopped gas injection and resumed partial gas injection in 2017. The reported emission below is not a true reflection of the reported emissions from previous years. Section B will list reported emissions from 2014, which are more representative of normal operations at the facility.

**Table 5 - Criteria Pollutant Emissions (tons/year)  
Annual Reported Emissions for Reporting Period 2017**

<b>Pollutant</b>	<b>Emissions (tons/year)</b>
NOx	21.84
CO	33.71
VOC	49.01
PM	1.11
SOx	0.08

**Table 6 - Toxic Air Contaminants Emissions (TAC)  
Annual Reported Emissions for Reporting Period 2017**

<b>The Following TACs Were Reported</b>	<b>Annual Emissions Pounds/yr</b>
1,1,2,2-Tetrachloroethane	3.528
1,1,2TRICLETHAN	2.626
1,2,4TRIMEBENZE	174.340
1,2-Dichloropropane {Propylene dichloride}	2.223
1,3-Butadiene	42.333
1,3-Dichloropropene	2.180
2-Methyl naphthalene [PAH, POM]	2.147
ACENAPHTHENE	0.080
ACENAPHTHYLENE	0.357
Acetaldehyde	651.629
Acrolein	431.417
Ammonia	859.968
Arsenic	0.001

B[GHI] PERYLENE	0.026
Benzene	477.591
Benzo[b]fluoranthene	0.010
Benzo[e]pyrene [PAH, POM]	0.026
Cadmium	0.001
Carbon tetrachloride	3.032
Chlorine	0.057
Chloroform	2.353
Chromium (VI)	0.000
Chrysene	0.044
Copper	10.197
Dipropylene glycol monomethyl ether	6.021
ETHYL BENZENE	221.430
Ethylene dibromide	3.657
Ethylene dichloride	1.946
FLUORANTHENE	0.071
FLUORENE	0.366
Formaldehyde	3551.502
HEXANE	345.824
Hydrochloric acid	0.179
Lead (inorganic)	0.007
M-XYLENE	0.623
ME T-BUTYLETHER	0.260
Manganese	0.003
Mercury	0.001
Methanol	276.579
Methyl ethyl ketone	0.008
Methylene chloride	10.001
Naphthalene	8.669
Nickel	0.004
PAHs, total, with components not reported	0.176
PHENANTHRENE	0.672
PYRENE	0.087
Propylene oxide	4.592
Selenium	0.002
Styrene	1.987
Toluene	621.335
Vinyl chloride	1.230

Xylenes	772.089
o-Xylene	0.217

B. Reported Emissions for 2014

**Table 7 - Criteria Pollutant Emissions (tons/year)  
Annual Reported Emissions for Reporting Period 2014**

<b>Pollutant</b>	<b>Annual Emissions Tons/yr</b>
NOx	230.19
CO	156.67
VOC	58.87
PM	6.90
SOx	2.78

**Table 8 - Toxic Air Contaminants Emissions (TAC)  
Annual Reported Emissions for Reporting Period 2014**

<b>The Following TACs Were Reported</b>	<b>Annual Emissions Pounds/yr</b>
1,3-Butadiene	118.338
2-Methyl naphthalene [PAH, POM]	8.133
ACENAPHTHENE	0.306
ACENAPHTHYLENE	1.354
Ammonia	5856.151
Arsenic	0.002
B[GHI] PERYLENE	0.101
Benzene	657.629
Benzo[b]fluoranthene	0.040
Benzo[e]pyrene [PAH, POM]	0.101
Cadmium	0.002
Carbon tetrachloride	10.372
Chromium (VI)	0.000
Chrysene	0.169
Ethylene dibromide	12.514
Ethylene dichloride	6.662
FLUORANTHENE	0.271
FLUORENE	1.389
Formaldehyde	14053.962

Lead (inorganic)	0.012
Methylene chloride	21.636
Naphthalene	27.986
Nickel	0.006
PAHs, total, with components not reported	1.468
PHENANTHRENE	2.547
PYRENE	0.333
Vinyl chloride	4.210

**Health Risk from Toxic Air Contaminants**

The facility is being tracked by the Air Toxics Information and Assessment Act (AB2588). The SCAQMD is tracking the status of the facility under AB2588.

**8. Compliance History**

The facility has been subject to both self-reporting requirements and SCAQMD inspections. The facility was issued the following Notices of Violation (NOV) and Notices to Comply (NTC) within the last five years as shown in the tables below:

NOV No.	Issue Date	Violation	Status
P59389	11/5/2015	Failing to maintain and operate a direct monitoring device for Major Source Device D14 (Gas Turbine Unit No. K25) to continuously measure the concentration of NOx emissions and all other applicable variables.	In Compliance
P62646 *	11/23/2015	Failure of gas injection well, causing a nuisance	In Compliance
P66502	12/22/2017	Public nuisance, Inspector noted elbow flange removed for a pressure vessel and blind flange bolted in its place. TVA did not detect significant readings. FLIR camera did not detect visual emissions from the source of emissions	In Compliance
P67701	12/27/2017	Inaccurate QCER, Inaccurate APEP and Incorrected emission factor	In Compliance
P71247	12/1/2017	Failing to submit the facility's monthly gasoline throughput data for the previous calendar year on or before March 1, 2017. Certified Mail Tracking #70150640000471798676	In Compliance

NTC No.	Issue Date	Violation	Status
E20679	2/10/2015	Accurately report QCER emissions	In Compliance
E26888	2/10/2015	Failure to submit an accurate quarterly Certification of Emissions Report (QCER) for the second quarter of Compliance Year 2013. Failure	In Compliance

		to correct the inaccurate QCER w/in the specified timeframe	
E26893	11/5/2015	On what date and how did Southern California Gas Co. first become aware of the natural gas leak occurring at the Asliso Canyon natural gas storage site? What steps have been taken to repair the affected well injection site and when each step was taken so as to control/eliminate the release of natural gas into ambient air	In Compliance
E40782	12/21/2017	California H&S Section 42303 - Provide sensor/met data/specification sheet for sensor	In Compliance

\* P62646, refer to Appendix C for further information on this NOV.

No further compliance activity is noted for this facility.

### 9. Compliance Certification

The facility filed its annual compliance certification report on February 23, 2018. The report indicated continuous compliance with the terms and conditions of the permit for the 2017 calendar year. There was one breakdown for Device 25, the vacuum/pressure relief valve on the tank was leaking.

### 10. Applicant Requested Changes to the Title V Permit

SoCalGas requested the following administrative changes to the Facility Permit. The SCAQMD reviewed their request and provided comments below:

Item	Requested Change from Applicant to the Facility Permit	SCAQMD Comment
1	Section A Page 1: Change the mailing address to 12801 Tampa Ave., Northridge, CA 91326	Yes the Facility Permit should contain this address
2	Section A Page 1: Change the Storage Operations Manager phone number to 818-700-3650	Yes
3	Section A Page 1: Change the contact name and information to Uliana Micovic, phone number 818-701-3499 (please see changes on the marked up Title V, Page 1)	Yes
4	Section D Pages 1 and 36: Remove Condition A99.1 for Device D1 (because the date for this already passed and therefore CO 250 ppm limit already applies and this condition is no longer applicable). Remove Condition A99.1 from Part D of the Permit (outdated)	Yes

5	Section D Pages 1, 3, 4 and 52/53: Remove condition E448.5 for devices D1, D3, and D4. The condition is obsolete. The Woodward E3 AFRC has been installed as required.	Yes
6	Section D Pages 17 and 48-49: Remove condition E127.1 for device D25. This condition is redundant. The tank D25 is already required to comply with Rule 463 according to condition H23.1. This Rule contains the same requirement for keeping gauges and sample hatches closed except for sampling, etc.	No, condition E127.1 is a BACT condition and cannot be removed.
7	Section D Page 19: Correct typo for Device D136 identification number: this tank's ID is T- <u>5</u> 964 rather than T <u>2</u> 964	Yes
8	Section D Pages 21 and 22: For Devices C100 and C78 – change the equipment description to be “CARBON ADSORBER, <u>150 LBS - 220 LBS</u> ” to accommodate manufacturer's drum size.	No. Need to file for an admin change of conditions application. Applicant has rescinded this request
9	Section D Pages 22 and 33: Remove vessel Device D108, as it was removed from the facility (see Form 200-C attached).	Yes, reviewed the file, no direct emissions associated with this device.
10	Section D Page 24: From Device D175 description remove “NO.1” and add “H-416”. There was no change to the equipment, this change is only to correctly reflect the device names used by the facility	Yes, will add “(H-416)” and remove “No. 1”
11	Section D Page 24: From Device D176 description remove “NO. 2” and add “H-417”. There was no change to the equipment, this change is only to correctly reflect the device names used by the facility	Yes, will add “(H-417)” and remove “No. 2”
12	Section D Page 24: From Device D175 description remove “NO. 3” and add “H-418”. There was no change to the equipment, this change is only to correctly reflect the device names used by the facility	Yes, will add “(H-418)” and remove “No. 3”
13	Section D Pages 30, 33, 37, 54, and 65: Remove spray coating operation D193 and the associated conditions C1.7 and H23.12. The device was removed from the facility (see Form 200-C attached).	Yes

14	Section D, Conditions E80.1 and E80.2, Pages 47-48: Remove “Boiler”, “No.1” and “No. 2” from the names of devices D175 and D176 (see similar changes in bullets 10 and 11 above).	Yes, similar to items 10 and 11
15	Section D, Condition D82.1, Page 45: Remove the language regarding RATA, as this language was not in the originally issued Title V permit, and was inserted upon reissuing of the Permit in May 2018 when Section H for Devices D215, D217, D218, D219 and D230 was converted to Section D. This condition does not apply to the abovementioned devices.	Will remove the child condition, there was a system anomaly that added the condition by mistake
16	Section D, Page 54: In condition H23.2, remove requirement to comply with Rule 1415, because the facility does not operate industrial air conditioning systems subject to this Rule.	Yes, applicant confirmed there is no process equipment subject to Rule 1415.1 and no systems used for comfort cooling over 50 lbs refrigerant capacity
17	Section I: Remove the mention of the Rule 1134 Plan because the facility is under the RECLAIM program and per Rule 2001 does not need to comply with Rule 1134 NOx emission limits. The facility turbines do not have NOx controls that could affect CO emissions, therefore, the requirement under section 1134(c)(2) is not applicable either.	Yes. Rule 1134 is not applicable and will remove from Section I.
18	Section I: Remove the mention of the Rule 1415 Plan since the facility has no equipment subject to this rule, such as there are no Air Conditioning systems with over 50 lbs of refrigerant. Aliso Canyon facility operates a refrigeration system charged with over 50 lbs of refrigerant that complies with Rule 1415.1. Note that a Rule 1415.1 Plan is no longer required since the unit is now registered with CARB.	Yes, applicant confirmed there is no process equipment subject to Rule 1415.1 and no systems used for comfort cooling over 50 lbs refrigerant capacity.
19	Section D, Condition E178.1 Page 50 and Table in Section K, Page 11: Remove the requirement for the Rule 462 compliance. Engineering evaluation of May 2007 for Application A/N 443030 states that the Rule is not applicable based on the crude oil true vapor pressure (TVP).	Will remove the rule tag for Rule 462 for condition no. E178.1, but BACT rule tag cannot be removed. Will remove the rule tag in Section K.

20	Table in Section K, Page 11: Remove the requirement for the Rule 480 since it is not applicable.	Yes, there is no control equipment that operates on natural gas.
21	Appendix A, page 1: Delete “6. STEAM CLEANER, KEROSENE” and “7. PROCESS HEATERS, NATURAL GAS”. The facility does not have these types of equipment.	Yes
22	Section D, Pages 62-63, Condition J373.5: Remove outdated text that used to be part of the Permit to Construct, and is no longer applicable. The equipment with the required vapor control has been installed as required, and is in operation.	Yes, will remove 3 child conditions as part of the Permit to Construct
23	Minor typographical edits are marked on pages 38, 40, 50 and 62 of Section D.	Yes

**11. SCAQMD Changes to the Permit Conditions (add, modify or remove)**

Condition	Changes to permit conditions	SCAQMD Comment
D28.2	Add testing for NOx, revise testing to once every five years and add Rule 1303 tag for CO. Tag for NOx BACT is Rule 2005	Notwithstanding the equipment is subject to RECLAIM, the 20 ppmv limit is a BACT limit and NOx should be subject to testing.
D332.2	Remove the condition	The condition was added per Rule 3004. The boiler uses less than 18,000 therms per year and is not subject to the 400 ppmv CO concentration limit. No testing required.
D332.1	Remove the condition	The condition was added per Rule 3004. The boilers uses less than 90,000 therms per year and is not subject to the 400 ppmv CO concentration limit. No testing required.
H23.22	Remove Rule 1415 reference	No systems used for comfort cooling over 50 lbs refrigerant capacity.  Deleted H23.2 by mistake (cannot be reinstated due to FP program limitation), therefore, created identical condition under H23.22
H23.4	Remove the condition	The gas turbines were never modified for Rule 1134 and is not subject to the CO requirements of the rule.

H23.12	Remove the condition	No longer have D193 spray coating operation and has been removed from service.
H23.14	Remove the condition	The condition is redundant and merge with condition H23.16
H23.16	Add D1, D2, D3, D4	Condition H23.14 is redundant add the devices the condition to H23.16
H23.20	Add condition	D76 and D106 is subject to 40 CFR 63 Subpart HHH
H23.21	Add condition	Rule 219 refrigeration equipment (new device E276) is subject to Rule 1415.1
H23.25	Add condition	Heaters subject to 40 CFR 63 Subpart DDDD
H23.24	Add	Boilers are subject to Rule 1146, keep track of annual fuel usage and it if exceeds the therm exemption limit the rule, sets a time line to come into compliance with the CO emissions limits.
H23.26	Add	Boiler is subject to Rule 1146.1, keep track of annual fuel usage and it if exceeds the therm exemption limit the rule, sets a time line to come into compliance with the CO emissions limits.
C1.7	Remove the condition	No longer have D193 at the facility
E80.1	Updated name of heater	Updated name of heater
E80.2	Updated condition	Updated name of heater
E448.5	Remove the condition	Obsolete
D82.1	Updated condition	Remove RATA requirement that system accidentally added by mistake
E178.1	Updated condition	Remove R462 tag
J373.5	Updated condition	Obsolete
A99.1	Remove the condition	Obsolete

**12. SCAQMD Changes to the Facility Permit Equipment Description (add, modify or remove)**

Device	Changes to facility description	SCAQMD Comment
D2	CO 150 ppmv	Rule tag is not correct; should be "Rule 1303 (b)(2)"
D14	Removed from permit	Equipment removed from service
D15	Removed from permit	Equipment removed from service
D16	Removed from permit	Equipment removed from service
D215	0.07 lb/gross mwh	Rule tag was not correct, revise rule tag to Rule 1110.2

D136	Correct equipment ID	TANK, NO. <del>T5964</del> , T2964
D175	Correct equipment ID	HEATER, LIQUID HEATER NO.1 <b>H- 416,</b>
D176	Correct equipment ID	HEATER, LIQUID HEATER NO.2 <b>H- 417,</b>
D177	Correct equipment ID	HEATER, LIQUID HEATER NO.3 <b>H- 418</b>
D108	Removed from permit	Equipment removed from facility.
D193	Removed from permit	Equipment removed from facility.
E271	Add Rule 219 equipment	Hand application of solvents and coatings. Equipment subject to Rule 1113 and 1171.
E273	Add Rule 219 equipment	Cleaning equipment subject to Rule 1171
E274	Add Rule 219 equipment	Machining equipment subject to Rule 1171
E276	Add Rule 219 equipment	Refrigeration unit, add condition H23.21, equipment subject to Rule 1415.1
E272	Add Rule 219 equipment	Propane storage tank exempt from per Rule 219 (m)(2)
E275	Add Rule 219 equipment	Pumps exempt from per Rule 219 (m)(12)
E277	Add Rule 219 equipment	Electric compressors for natural gas exempt per Rule 219 (d)(7)
E278	Add Rule 219 equipment	Vessels hold natural gas exempt per Rule 219 (d)(7)
E279	Add Rule 219 equipment	Crankcase oil storage reservoirs exempt per Rule 219 (m)(8)
E280	Add Rule 219 equipment	Crankcase oil pumps, assoc. valves exempt per Rule 219 (m)(8)
E281	Add Rule 219 equipment	Motor and lubricant oil vessels exempt per Rule 219 (m)(7)
E282	Add Rule 219 equipment	Lubricant oil pumps, assoc. valves exempt per Rule 219 (m)(7)
E172	Add rule tag	CCR Title 17, Division 3, Subchapter 10 Climate Change, Article 4, Subarticle 13

## APPENDIX A

A. The following list changes to this section D of the Facility Permit conditions requested by SoCalGas

~~A99.1 The 250 CO emission limits shall not apply until July, 2010  
[Rule 1110.2]~~

~~[D1]~~

~~E448.5 The operator shall comply with the following requirements~~

~~The Woodward E3 Rich Burn air fuel ratio controller shall be installed within one year from August 5, 2015. Prior to the installation of the new air fuel ratio controller, the existing air fuel ratio controller (Woodward Geco) is allowed to be used on the engine.  
[Rule 1110.2]~~

~~[D1, D3, D4]~~

~~C1.7 The operator shall limit the coating and solvent usage to no more than 6.5 gallons per day  
[Rule 1113]~~

~~[D193]~~

~~H23.12 This equipment is subject to the applicable requirements of the following Rules or Regulations:~~

Contaminant	Rule	Rule/Subpart
VOC [Rule 1113]	District Rule	1113

~~[D193]~~

E80.1 The operator shall not use this equipment when any of the following equipment are operating:

Device ID: D176 [~~Boiler, Liquid Heater No. 2~~ **H-417**, Natural gas 6.5 MMBTU/hr]

[D175]

E80.2 The operator shall not use this equipment when any of the following equipment are operating:

Device ID: D175 [~~Boiler, Liquid Heater No. 1~~ **H-416**, Natural gas 6.5 MMBTU/hr]

D82.1 The operator shall install and maintain a CEMS to measure the following parameter:

NOx concentration in ppmv

Concentration shall be corrected to 15 percent oxygen on a dry basis.

~~Rule 2012 provisional RATA testing shall be completed and submitted to the SCAQMD within 90 days of the conclusion of the testing. During the interim period between the initial start-up and the provisional certification date of the CEMS, the operator shall comply with the monitoring requirements of Rule 2012 (h)(2) and Rule 2012 (h)(3).~~

[Rule 2012]

[D6, D7, D8, D9, D10]

E178.1 The operator shall load crude oil into tank trucks using bottom loading

[Rule 1303 (a), ~~Rule 462~~]

[D168]

J373.5 The operator shall comply with the following gasoline transfer and dispensing requirements:

*Only the text to be removed was listed below*

~~All permit conditions applicable to the equipment described in the previous Permit to Operate (N19367) shall remain in effect until the new or modified equipment is constructed and operated as described in this new permit. This Permit to Construct/Operate shall become invalid if the modification as described in the equipment description has not been completed within 1 year from the issue date.~~

~~If the modification has not been completed within 1 year of the issue date of the permit, a written request shall be submitted to the SCAQMD (attention: Randy Matsuyama) to reinstate the previously inactivated Permit to Operate.~~

~~A new application shall be filed if there are plans to continue with the modification. Furthermore, this condition does not allow any time extensions to any modifications required by the California Air Resources Board or SCAQMD.~~

[Rule 3004, Rule 461]

[D91, D92]

B. Additional conditions added, modified or removed by the SCAQMD

F14.2 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier

~~This condition shall become effective on or after June 1, 2004~~

D28.2 The operator shall conduct source test in accordance with the following specifications:

The test shall be conducted to demonstrate compliance with Rue 1303 concentration limit.

The test shall be conducted to determine compliance with the CO **and NOx** emissions by either: (a) conducting a source test using District method 100.1 measured over a 30 minute averaging time, or (b) using a portable analyzer and a District-approved test method.

The test shall be conducted at least ~~annually~~ once every five years.

The test shall be conducted to determine the CO emissions at the outlet.

**The test shall be conducted to determine the NOx emissions at the outlet.**

The test shall be conducted when the equipment is operating under normal conditions. No test shall be required in any one year for which the equipment is not in operation. [Rule 1146, **Rule 1303**, **Rule 2005**, Rule 3004]

[D175, D176, D177]

~~D332.1 The operator shall determine compliance with the CO emission limit(s) by conducting a test at least once every five years using a portable analyzer and AQMD approved test method or, if not available, a non-AQMD approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with Rule 1146 concentration limit. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.~~

~~[Rule 3004(a)(4)]~~

~~[D83]~~

~~D332.2 The operator shall determine compliance with the CO emission limit(s) by conducting a test at least once every five years using a portable analyzer and AQMD approved test method or, if not available, a non-AQMD approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with Rule 1146 concentration limit. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this~~

permit.

[Rule 3004(a)(4)]

[D84]

H23.222 This equipment is subject to the applicable requirements of the following Rules or Regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1415
Refrigerants	40CFR, SUBPART	F

[Rule 1415, 40 CFR SUPART F]

[E173]

H23.4 This equipment is subject to the applicable requirements of the following Rules or Regulations:

Contaminant	Rule	Rule/Subpart
CO	District Rule	1134

[Rule 1134]

[D14, D15, D16]

H23.14 This equipment is subject to the applicable requirements of the following Rules or Regulations:

Contaminant	Rule	Rule/Subpart
CO	District Rule	1110.2
ROG	District Rule	1110.2

[Rule 1110.2]

[D1, D2, D3, D4]

H23.16 This equipment is subject to the applicable requirements of the following Rules or Regulations:

Contaminant	Rule	Rule/Subpart
CO	District Rule	1110.2
ROG	District Rule	1110.2

Whether or not explicitly stated on this permit, including, but not limited to, reporting, recordkeeping, monitoring, source testing, and other criteria defined in approved Rule 1110.2 (f)(1)(D) inspection and monitoring plan

[Rule 1110.2]

[**D1, D2, D3, D4**, D6, D7, D8, D9, D10]

**H23.20 This equipment is subject to the applicable requirements of the following Rules or Regulations:**

<u>Contaminant</u>	<u>Rule</u>	<u>Rule/Subpart</u>
<u>Benzene</u>	<u>40CFR 63</u>	<u>HHH</u>

**[40 CFR 63 Subpart HHH]**  
**[D76, D106]**

**H23.21 This equipment is subject to the applicable requirements of the following Rules or Regulations:**

<u>Contaminant</u>	<u>Rule</u>	<u>Rule/Subpart</u>
<u>Refrigerants</u>	<u>District</u>	<u>1415.1</u>

**[Rule 1415.1]**  
**[E276]**

**H23.26 This equipment is subject to the applicable requirements of the following Rules or Regulations:**

<u>Contaminant</u>	<u>Rule</u>	<u>Rule/Subpart</u>
<u>CO</u>	<u>District Rule</u>	<u>1146.1</u>

**The operator shall record the annual fuel usage for this equipment to demonstrate the annual therm usage per section (c)(5) is less than 18,000.**

**If this equipment exceeds 18,000 therms per year, the equipment shall comply with section (e)(3).**

**[Rule 1146.1]**  
**[D84]**

**H23.24 This equipment is subject to the applicable requirements of the following Rules or Regulations:**

<u>Contaminant</u>	<u>Rule</u>	<u>Rule/Subpart</u>
<u>CO</u>	<u>District Rule</u>	<u>1146</u>
<u>ROG</u>	<u>District Rule</u>	<u>1146</u>

**The operator shall record the annual fuel usage for this equipment to demonstrate the annual therm usage per section (c)(5) is less than 90,000.**

**If this equipment exceeds 90,000 therms per year, the equipment shall comply with section (e)(4).**

[Rule 1146]  
[D83, D175, D176, D177]

**H23.25 This equipment is subject to the applicable requirements of the following Rules or Regulations:**

<u>Contaminant</u>	<u>Rule</u>	<u>Rule/Subpart</u>
<u>HAPs</u>	<u>40CFR 63</u>	<u>DDDDD</u>

[40 CFR 63 Subpart DDDDD]  
[D83, D84, D175, D176, D177]

## APPENDIX B

### Changes made to the facility description and equipment specific conditions

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions And Requirements	Conditions
<b>Process 1: INTERNAL COMBUSTION</b>					
No change	D215	C232	NOx: PROCESS UNIT	NOx: 0.07 lb/MW-hr (5) <del>[RULE 1110.2] [RULE 1703 (a)(2)-PSD-BACT]</del>	No change

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions And Requirements	Conditions
<b>PROCESS 1: INTERNAL COMBUSTION</b>					
No change	D2	C182	NOx: LARGE SOURCE		CO: 150 ppmv natural gas [Rule 1110.2 <b>Rule 1303 (b)(2)</b> ]

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions And Requirements	Conditions
<b>PROCESS 2: PETROLEUM STORAGE TANKS</b>					
TANK, NO. <del>T5964</del> , F2964, CRUDE OIL, FIXED ROOF, VENTED TO VAPOR RECOVERY, 5000 BBL; DIAMETER 38 FT; HEIGHT 24 FT  A/N 54733	D136	C189 C190			E57.1, H23.1

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions And Requirements	Conditions
<b>PROCESS 5 SYSTEM 2 DEHYDRATION PLANT 2</b>					
DRUM, V-46, PRIMARY FLASH DRUM, HEIGHT: 12 FT, DIAMETER 4 FT  A/N 244294	D108				

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions And Requirements	Conditions
<b>PROCESS 6 EXTERNAL COMBUSTION BOILER.</b>					
HEATER, LIQUID HEATER NO.1 <b>H-416</b> , NATURAL GAS, AMERICAN HEATER COMPANY, MODEL AHE-650, WITH LOW NOX BURNER, 6.5 MMBTU/HR WITH  A/N: 347641  BURNER, NATURAL GAS, POWER FLAME, MODEL C5-G-30, WITH LOW NOX BURNER, 6.5 MMBTU/HR*	D175		NOX; PROCESS UNIT	CO: 50 PPMV, CO: 400 PPMV CO: 2000 PPMV; NOX: 20 PPMV; NOX: 47.75; PM: 0.1 GRAINS/SCF (	D12.2, D28.2, E80.1, <b>H24.24</b>
HEATER, LIQUID HEATER NO.2 <b>H-417</b> , NATURAL GAS, AMERICAN HEATER COMPANY, MODEL AHE-650, WITH LOW NOX BURNER, 6.5 MMBTU/HR WITH  A/N: 347643  BURNER, NATURAL GAS, POWER FLAME, MODEL C5-G-30, WITH LOW NOX BURNER, 6.5 MMBTU/HR*	D176		NOX; PROCESS UNIT	CO: 50 PPMV, CO: 400 PPMV CO: 2000 PPMV; NOX: 20 PPMV; NOX: 47.75; PM: 0.1 GRAINS/SCF (	D12.2, D28.2, E80.1, <b>H24.24</b>
HEATER, LIQUID HEATER NO.3 <b>H-418</b> , NATURAL GAS, AMERICAN HEATER COMPANY, MODEL AHE-650, WITH LOW NOX BURNER, 6.5 MMBTU/HR WITH  A/N: 347644  BURNER, NATURAL GAS, POWER FLAME, MODEL C5-G-30, WITH LOW NOX BURNER, 6.5 MMBTU/HR*	D177		NOX; PROCESS UNIT	CO: 50 PPMV, CO: 400 PPMV CO: 2000 PPMV; NOX: 20 PPMV; NOX: 47.75; PM: 0.1 GRAINS/SCF (	D12.2, D28.2, E80.1, <b>H24.24</b>

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions And Requirements	Conditions
<b>PROCESS 15 ARCHITECTURAL COATINGS.</b>					
SPRAY COATING OPERATOR  A/N-171905	D193		NOX; PROCESS UNIT		C1.7, H23.13, K67.7.

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions And Requirements	Conditions
<b>PROCESS 14 R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULE.</b>					

<u>RULE 219 EXEMPT EQUIPMENT HAND APPLICANT OF SOLVENT AND COATINGS</u>	<u>E271</u>			<u>VOC (9) RULE 1113, RULE 1171</u>	
<u>RULE 219 EXEMPT EQUIPMENT CLEANING EQUIPMENT</u>	<u>E273</u>			<u>VOC (9) RULE 1171</u>	
<u>RULE 219 EXEMPT EQUIPMENT MACHINING EQUIPMENT</u>	<u>E274</u>			<u>VOC (9) RULE 1171</u>	
<u>RULE 219 EXEMPT EQUIPMENT REFRIGERATION UNITS</u>	<u>E276</u>				<u>H23.21</u>

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions And Requirements	Conditions
<b>PROCESS 17 R-219 EXEMPT EQUIPMENT</b>					
<u>RULE 219 EXEMPT EQUIPMENT PROPANE STORAGE</u>	<u>E272</u>				
<u>RULE 219 EXEMPT EQUIPMENT PUMPS</u>	<u>E275</u>				
<u>RULE 219 EXEMPT EQUIPMENT ELECTRIC COMPRESSORS FOR NAT. GAS</u>	<u>E277</u>				
<u>RULE 219 EXEMPT EQUIPMENT VESSELS HOLDING NATURAL GAS</u>	<u>E278</u>				
<u>RULE 219 EXEMPT EQUIPMENT CRANKCASE OILS STORAGE RESVEROIRS</u>	<u>E279</u>				
<u>RULE 219 EXEMPT EQUIPMENT CRANKCASE OILS PUMPS, ASSOC. VALVES</u>	<u>E280</u>				

<u>RULE 219 EXEMPT EQUIPMENT</u> <u>MOTOR AND LUBRICANT OIL</u> <u>VESSELS</u>	<u>E281</u>				
<u>RULE 219 EXEMPT EQUIPMENT</u> <u>LUBRICANT OIL PUMPS, ASSOC.</u> <u>VALVES</u>	<u>E282</u>				

## APPENDIX C

A. Aliso Canyon suffered a major natural gas leak from one of its wells in October 2018, below summary of key events:

- Oct 23, 2015 : Natural gas leak from well SS-25 discovered by SoCalGas.
- Oct 24, 2015: SCAQMD received and investigated the first of more than 2,300 air quality complaints due to the leak.
- Oct 26, 2015: SCAQMD began ongoing air sampling and monitoring activities in the local community.
- Nov 5, 2015: SCAQMD issued Notice to Comply to SoCalGas to abate the release of mercaptan odors from the natural gas leak that were impacting the local community.
- Nov 23, 2015: SCAQMD issued Notice of Violation to SoCalGas for creating a public nuisance.
- Dec 10, 2015: SCAQMD petitioned the SCAQMD Hearing Board for an Order for Abatement requiring SoCalGas to abate the natural gas leak, monitor the leaking gas, and reduce its nuisance impacts on the local community.
- Jan 9, 16, 20, & 23, 2016: The SCAQMD Hearing Board heard public testimony from local community members about the impacts of the natural gas leak. Following deliberation on January 23, 2016, the Hearing Board issued the Order for Abatement.
- Jan 26, 2016: SCAQMD filed a civil penalty lawsuit against SoCalGas in LA Superior Court for creating a public nuisance.
- The gas leak was sealed on February 11, 2016
- SoCalGas started to replace the natural gas wells. The California Department of Conservations, Division of Oil, Gas and Geothermal Resources and the California Public Utilities Commission in July 2018 allowed SoCalGas to start natural gas injection and limited the capacity of the storage facilities to 28 percent

B Oder of Abatement (OA), Case no. 137-76

The OA was issued on 1/23/2016 and there had been an additional nine hearings with the Board.

The OA was terminated on March 2, 2017

Copies of the original minute order and the March 2, 2017 minute order is in the Title V renewal application folder (application no. 604230).

## C New Regulations for Natural Gas Storage Facilities

The SCAQMD was going to propose Rule 1148.3 that would focus on regulating above ground operations at natural gas underground storage. January 26, 2017 had a working group meeting no. 1 to discuss the development of the rule along with similar state regulations (copy of the meeting handout in file)

The SCAQMD rule development of the rule was suspended due to a similar regulation proposed by the state (California Code of Regulations, Title 14, Chapter 4, Development, Regulation and Conservation of Oil and Gas Resources, Subchapter 1, Article 4, Sections 1726, 1726.1, 1726.2, 1726.3, 1726.3.1, 1726.4, 1726.4.1, 1726.4.2, 1726.4.3, 1726.5, 1726.6, 1726.6.1, 1726.7, 1726.8, 1726.9, AND 1726.10).

Below is a brief write up of each State rule section, copy of the complete rule in file.

### Section 1726 Purpose, Scope, and Applicability

The purpose of this article is to set forth regulations governing underground gas storage projects and gas storage wells.

#### 1726.1. Definitions.

#### 1726.2. Approval of Underground Gas Storage Projects

A Project Approval Letter shall be obtained from the Division before any injection or withdrawal occurs as part of an underground gas storage project.

#### 1726.3. Risk Management Plans.

(a) For each underground gas storage project, the operator shall submit a project-specific Risk Management Plan to the Division for review and approval. For underground gas storage projects in existence at the time that this section goes into effect, the operator shall submit a Risk Management Plan in accordance with the requirements of this section within six months of the effective date of this section.

##### 1726.3.1 Emergency Response Plan.

(a) The operator of an underground gas storage project shall have an emergency response plan approved by the Division and ready for immediate implementation.

#### 1726.4. Underground Gas Storage Project Data Requirements.

(a) For all underground gas storage projects, the operator shall provide the Division with data, analysis, and interpretation that demonstrate that stored gas will be confined to the approved zone(s) of injection and that the underground gas storage project will not cause damage to life, health, property, the environment, or natural resources.

##### 1726.4.1. Casing Diagrams.

(a) Casing diagrams submitted under Section 1726.4, subdivision (a)(5)(F), shall adhere to the requirements of this section.

#### 1726.4.2. Evaluation of Wells Within the Area of Review.

The requirements apply, at minimum and subject to augmentation by the Division as the Division deems appropriate on a project-specific basis, to ensure that wells within the area of review will not be a potential conduit for fluid migration outside the approved gas storage zone:

#### 1726.4.3. Records Management.

The operator of an underground gas storage project shall establish a Records Management Program to ensure documentation of essential information is created, maintained, protected, and retrievable when needed. The operator shall submit its Records Management Plan to the Division.

#### 1726.5. Well Construction Requirements.

Operators shall design, construct, modify, and maintain gas storage wells and every other well that penetrates the gas storage reservoir of the operator's underground gas storage project to effectively ensure mechanical integrity under anticipated operating conditions for the underground gas storage project.

#### 1726.6. Mechanical Integrity Testing.

(a) The operator shall, at a minimum, conduct the following mechanical integrity testing on each gas storage well and every other well that penetrates the gas storage reservoir of the operator's underground gas storage project, with the exception of wells that have been plugged and abandoned in accordance with Public Resources Code section 3208.

##### 1726.6.1. Pressure Testing Parameters.

(a) Pressure testing required under Section 1726.6 shall be conducted according to the following parameters.

#### 1726.7. Monitoring Requirements.

(a) The operator shall monitor for the presence of gas in all annuli by measuring and recording annular and tubing pressure at least once a day.

#### 1726.8. Inspection, Testing, and Maintenance of Wellheads and Valves.

(a) Where installed, the operator of an underground gas storage project shall test all surface safety valves on the wellhead and all subsurface safety valve systems at least every six months.

#### 1726.9. Well Leak Reporting.

If a gas storage well has a reportable leak, then the operator shall immediately inform the Division.

#### 1726.10. Requirements for Decommissioning.

(a) If an operator intends to discontinue an underground gas storage project, then the operator shall submit a Decommissioning Plan to the Division



South Coast Air Quality Management District

Form 400-A

Application Form for Permit or Plan Approval

List only one piece of equipment or process per form.

Mail To: SCAQMD P.O. Box 4944 Diamond Bar, CA 91765-0944 Tel: (909) 396-3385 www.aqmd.gov

Section A - Operator Information

1. Facility Name (Business Name of Operator to Appear on the Permit): Southern California Gas Company
2. Valid AQMD Facility ID (Available On Permit Or Invoice Issued By AQMD): 800128
3. Owner's Business Name (If different from Business Name of Operator): same

Section B - Equipment Location Address

4. Equipment Location Is: Fixed Location Various Location
12801 Tampa Ave.
Northridge, CA 91326
Uliana Micovic Principal AQ Specialist
(818) 701-3499
E-Mail: UMICOVIC@semprautilities.com

Section C - Permit Mailing Address

5. Permit and Correspondence Information:
[X] Check here if same as equipment location address
Address
City, State, Zip
Contact Name, Title
Phone #, Ext., Fax #
E-Mail:

Section D - Application Type

6. The Facility Is: Not In RECLAIM or Title V In RECLAIM In Title V In RECLAIM & Title V Programs

7. Reason for Submitting Application (Select only ONE):

7a. New Equipment or Process Application: New Construction, Equipment On-Site But Not Constructed or Operational, etc.
7b. Facility Permits: Title V Application or Amendment (74), RECLAIM Facility Permit Amendment
7c. Equipment or Process with an Existing/Previous Application or Permit: Administrative Change, Alteration/Modification, etc.
\* A Higher Permit Processing Fee and additional Annual Operating Fees (up to 3 full years) may apply (Rule 301(c)(1)(D)(i)).

8a. Estimated Start Date of Construction (mm/dd/yyyy):
8b. Estimated End Date of Construction (mm/dd/yyyy):
8c. Estimated Start Date of Operation (mm/dd/yyyy):

9. Description of Equipment or Reason for Compliance Plan (list applicable rule): Renewal of Title V permit (also under RECLAIM)
10. For identical equipment, how many additional applications are being submitted with this application? (Form 400-A required for each equipment / process)

11. Are you a Small Business as per AQMD's Rule 102 definition? (10 employees or less and total gross receipts are \$500,000 or less OR a not-for-profit training center) No Yes
12. Has a Notice of Violation (NOV) or a Notice to Comply (NC) been issued for this equipment? If Yes, provide NOV/NC#: No Yes see attachment

Section E - Facility Business Information

13. What type of business is being conducted at this equipment location? Storage of Natural Gas
14. What is your business primary NAICS Code? (North American Industrial Classification System) 486210
15. Are there other facilities in the SCAQMD jurisdiction operated by the same operator? No Yes
16. Are there any schools (K-12) within 1000 feet of the facility property line? No Yes

Section F - Authorization/Signature I hereby certify that all information contained herein and information submitted with this application are true and correct.

17. Signature of Responsible Official: [Signature]
18. Title of Responsible Official: Storage Operations Manager
19. I wish to review the permit prior to issuance. (This may cause a delay in the application process.) No Yes
20. Print Name: Timothy Bomberger
21. Date: 5/11/18
22. Do you claim confidentiality of data? (If Yes, see instructions.) No Yes

23. Check List: Authorized Signature/Date Form 400-CEQA Supplemental Form(s) (ie., Form 400-E-xx) Fees Enclosed

Table with columns: AQMD USE ONLY, APPLICATION TRACKING#, CHECKED, AMOUNT RECEIVED, PAYMENT TRACKING#, VALIDATION, DATE, APP REJ, DATE, APP REJ, CLASS, BASIC CONTROL, EQUIPMENT CATEGORY CODE, TEAM, ENGINEER, REASON/ACTION TAKEN

SCAOMB  
REVENUE & RECEIVING

18 MAY 18 08:07

'18 MAY 17 08:59



Mail To: SCAQMD P.O. Box 4944 Diamond Bar, CA 91765-0944

Tel: (909) 396-3385 www.aqmd.gov

Section I - Operator Information

1. Facility Name (Business Name of Operator That Appears On Permit): Southern California Gas Company
2. Valid AQMD Facility ID (Available On Permit Or Invoice Issued By AQMD): 800128

3. This Certification is submitted with a (Check one):
a. [X] Title V Application (Initial, Revision or Renewal)
b. [ ] Supplement/Correction to a Title V Application
c. [ ] MACT Part 1

4. Is Form 500-C2 included with this Certification? [ ] Yes [X] No

Section II - Responsible Official Certification Statement

Read each statement carefully and check each that applies - You must check 3a or 3b.

1. For Initial, Permit Renewal, and Administrative Application Certifications:

- a. [X] The facility, including equipment that are exempt from written permit per Rule 219, is currently operating and will continue to operate in compliance with all applicable requirement(s) identified in Section II and Section III of Form 500-C1,
i. [X] except for those requirements that do not specifically pertain to such devices or equipment and that have been identified as "Remove" on Section III of Form 500-C1.
ii. [ ] except for those devices or equipment that have been identified on the completed and attached Form 500-C2 that will not be operating in compliance with the specified applicable requirement(s).
b. [ ] The facility, including equipment that are exempt from written permit per Rule 219, will meet in a timely manner, all applicable requirements with future effective dates.

2. For Permit Revision Application Certifications:

- a. [ ] The equipment or devices to which this permit revision applies, will in a timely manner comply with all applicable requirements identified in Section II and Section III of Form 500-C1.

3. For MACT Hammer Certifications:

- a. [ ] The facility is subject to Section 112(j) of the Clean Air Act (Subpart B of 40 CFR part 63), also known as the MACT "hammer." The following information is submitted with a Title V application to comply with the Part 1 requirements of Section 112(j).
b. [X] The facility is not subject to Section 112(j) of the Clean Air Act (Subpart B of 40 CFR part 63).

Section III - Authorization/Signature

I certify under penalty of law that I am the responsible official for this facility as defined in AQMD Regulation XXX and that based on information and belief formed after reasonable inquiry, the statement and information in this document and in all attached application forms and other materials are true, accurate, and complete.

1. Signature of Responsible Official: [Handwritten Signature]
2. Title of Responsible Official: Storage Operations Manager II
3. Print Name: Timothy Bomberger
4. Date: 5/11/18
5. Phone #: (818) 700-3650
6. Fax #:

7. Address of Responsible Official:
12801 Tampa Ave. Northridge CA 91326
Street # City State Zip

Acid Rain Facilities Only: Please Complete Section IV

Acid Rain facilities must certify their compliance status of the devices subject to applicable requirements under Title IV by an individual who meets the definition of Designated (or Alternate) Representative in 40 CFR Part 72.

**Section IV - Designated Representative Certification Statement**

*For Acid Rain Facilities Only:* I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

1. Signature of Designated Representative or Alternate:	2. Title of Designated Representative or Alternate:
3. Print Name of Designated Representative or Alternate:	4. Date:
5. Phone #:	6. Fax #:
7. Address of Designated Representative or Alternate:  <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <span>Street # _____</span> <span>City _____</span> <span>State <u>CA</u> _____</span> <span>Zip _____</span> </div>	



Mail To:  
SCAQMD  
P.O. Box 4944  
Diamond Bar, CA 91765-0944  
Tel: (909) 396-3385  
www.aqmd.gov

Use this form for all application submittals requesting an initial Title V permit or permit renewal. If you are applying for a permit revision, you may also use this form to have your exempt equipment listing updated prior to renewing your permit.

This form is designed to summarize all of the equipment at a facility that is exempt per SCAQMD Rule 219 from SCAQMD permit requirements (e.g., I.C. Engines ≤ 50 BHP, Boilers < 2 MM BTU/hr etc.). This equipment can be listed according to category. However, if there is a specific device that is vented to control equipment, then the equipment must be listed separately. Trivial activities listed on the back of this form or the Technical Guidance Document do not have to be listed on this form. Note: If your facility is in the RECLAIM program, it is not necessary to repeat any equipment currently listed in Appendix A of the RECLAIM permit.

**Section I - Operator Information**

1. Facility Name (Business Name of Operator That Appears On Permit): Southern California Gas Company

2. Valid AQMD Facility ID (Available On Permit Or Invoice Issued By AQMD): 800128

3. Check box if facility is in RECLAIM program:

4. Provide Current Permit Issue Date: 11/19/2013 5. Permit Revision No.: 52

**Section II - Summary of Equipment Exempt from Permit Requirements (Including Portable)**

Exempt Equipment Description [e.g., Small Boilers (75,000 BTU/hr-2,000,000 BTU/hr)]	Venting to Control (Device# or Application#)	Control Device Description	Basis for Exemption [e.g., Rule 219 (b)(2), 05/19/00]	Source Specific Rule [e.g., Rule 1146.2]
Well Heads	NA	NA	R219(n)(1)	R222
Pressure Washer	NA	NA	R219(b)(4)	R2012
Propane storage	NA	NA	R219(m)(2)	
Airless Sprayer, Coatings	NA	NA	R219(l)(6)(A)	R1113
Hand application of solvent	NA	NA	R219(o)(4)	R1171, R442
Welders <50 HP	NA	NA	R219(b)(1)	R2012
Air Compressors <50 HP	NA	NA	R219(b)(1)	R2012
Generators <50 HP	NA	NA	R219(b)(1)	R2012
Hand applications of coatings	NA	NA	R219(l)(10)	R1113
Cleaning Equipment	NA	NA	R219(o)(1)(C)	R1171
Machining Equipment	NA	NA	R219(g)(1)	R1171
Office Heating Units	NA	NA	R219(d)(6)	R2012
Pumps	NA	NA	R219(m)(12)	
Refrigeration Units	NA	NA	R219(d)(2)	R1415.1



**Trivial Activities**

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• Combustion emissions from propulsion of mobile sources, except for vessel emissions from Outer Continental Shelf sources</li> <li>• Air-conditioning units used for human comfort that do not have applicable requirements under Title VI of the Act</li> <li>• Ventilating units used for human comfort that do not exhaust air pollutants into the ambient air from any manufacturing/industrial or commercial process</li> <li>• Non-commercial food preparation</li> <li>• Consumer use of office equipment and products, not including printers or businesses primarily involved in photographic reproduction</li> <li>• Janitorial services and consumer use of janitorial products</li> <li>• Internal combustion engines used for landscaping purposes</li> <li>• Laundry activities, except for dry-cleaning and steam boilers</li> <li>• Bathroom/toilet vent emissions</li> <li>• Emergency (backup) electrical generators at residential locations</li> <li>• Tobacco smoking rooms and areas</li> <li>• Blacksmith forges</li> <li>• Plant maintenance and upkeep activities (e.g., grounds-keeping, general repairs, cleaning, painting, welding, plumbing, re-tarring roofs, installing insulation, and paving parking lots) provided these activities are not conducted as part of a manufacturing process, are not related to the source's primary business activity, and not otherwise triggering a permit modification<sup>1</sup></li> <li>• Repair or maintenance shop activities not related to the source's primary business activity, not including emissions from surface coating or de-greasing (solvent metal cleaning) activities, and not otherwise triggering a permit modification</li> <li>• Portable electrical generators that can be moved by hand from one location to another<sup>2</sup></li> <li>• Hand-held equipment for buffing, polishing, cutting, drilling, sawing, grinding, turning or machining wood, metal or plastic</li> <li>• Brazing, soldering and welding equipment, and cutting torches related to manufacturing and construction activities that do not result in emission of HAP metals<sup>3</sup></li> <li>• Bench-scale laboratory equipment used for physical or chemical analysis, but not lab fume hoods or vents<sup>4</sup></li> <li>• Routine calibration and maintenance of laboratory equipment or other analytical instruments</li> <li>• Equipment used for quality control/assurance or inspection purposes, including sampling equipment used to withdraw materials for analysis</li> <li>• Hydraulic and hydrostatic testing equipment</li> <li>• Environmental chambers not using hazardous air pollutant (HAP) gasses</li> <li>• Shock chambers</li> <li>• Humidity chambers</li> <li>• Solar simulators</li> </ul> | <ul style="list-style-type: none"> <li>• Fugitive emission related to movement of passenger vehicles, provided any required fugitive dust control plan or its equivalent is submitted</li> <li>• Process water filtration systems and demineralizers</li> <li>• Demineralized water tanks and demineralizer vents Air compressors and pneumatically operated equipment, including hand tools</li> <li>• Batteries and battery charging stations, except at battery manufacturing plants</li> <li>• Storage tanks, vessels and containers holding or storing liquid substances that will not emit any VOC or HAP<sup>5</sup></li> <li>• Storage tanks, reservoirs, and pumping and handling equipment of any size containing soaps, vegetable oil, grease, animal fat and nonvolatile aqueous salt solutions, provided appropriate lids and covers are utilized</li> <li>• Equipment used to mix and package soaps, vegetable oil, grease, animal fat, and nonvolatile aqueous salt solutions, provided appropriate lids and covers are utilized</li> <li>• Drop hammers or hydraulic presses for forging or metalworking</li> <li>• Equipment used exclusively to slaughter animals, but not including other equipment at slaughterhouses, such as rendering cookers, boilers, heating plants, incinerators, and electrical power generating equipment</li> <li>• Vents from continuous emissions monitors and other analyzers</li> <li>• Natural gas pressure regulator vents, excluding venting at oil and gas production facilities</li> <li>• Hand-held applicator equipment for hot melt adhesives with no VOC in the adhesive formulation</li> <li>• Equipment used for surface coating, painting, dipping or spraying operations, except those that will emit VOC or HAP</li> <li>• CO<sub>2</sub> lasers, used only on metals and other materials which do not emit HAP in the process</li> <li>• Consumer use of paper trimmers/binders</li> <li>• Electric or steam-heated drying ovens and autoclaves, but not the emissions from the articles or substance being processed in the ovens or autoclaves or the boilers delivering the steam</li> <li>• Salt baths using nonvolatile salts that do not result in emissions of any regulated air pollutants</li> <li>• Laser trimmers using dust collection to prevent fugitive emissions</li> <li>• Boiler water treatment operations, not including cooling towers</li> <li>• Oxygen scavenging (de-aeration) of water</li> <li>• Ozone generators</li> <li>• Fire suppression systems</li> <li>• Emergency road flares</li> <li>• Steam vents and safety relief valves</li> <li>• Steam leaks</li> <li>• Steam cleaning operations</li> <li>• Steam sterilizers</li> </ul> |
|--|---|

<sup>1</sup> Cleaning and painting activities qualify as trivial if they are not subject to VOC or HAP control requirements. Asphalt batch plant owners/operators must still get a permit if otherwise required.

<sup>2</sup> "Moved by hand" means it can be moved without the assistance of any motorized or non-motorized vehicle, conveyance or device.

<sup>3</sup> Brazing, soldering and welding equipment, and cutting torches related to manufacturing and construction activities that emit HAP metals are more appropriate for treatment as unpermitted equipment. Brazing, soldering, welding and cutting torches directly related to plant maintenance and upkeep and repair or maintenance shop activities that emit HAP metals are treated as trivial and listed separately in this appendix.

<sup>4</sup> Many lab fume hoods or vents might qualify for treatment as unpermitted equipment.

<sup>5</sup> Exemptions for storage tanks containing petroleum liquids or other volatile organic liquids should be based on size limits such as storage tank capacity and vapor pressure of liquids stored and are not appropriate for this list.



South Coast Air Quality Management District

**Form 500-C1**

**Title V Compliance Status Report**

To provide the compliance status of your facility with applicable federally enforceable requirements and identify other local-only requirements, complete this form and attach it to a completed compliance certification Form 500-A2. As appropriate, all submittals of Form 500-C2 as appropriate should also be attached to this form.



Mail To:  
SCAQMD  
P.O. Box 4944  
Diamond Bar, CA 91765-0944

Tel: (909) 396-3385  
www.aqmd.gov

**Section I - Operator Information**

**1. Facility Name** (Business Name of Operator That Appears On Permit):

Southern California Gas Company

**2. Valid AQMD Facility ID** (Available On Permit Or Invoice

Issued By AQMD):

800128

**PROCEDURES FOR DETERMINING COMPLIANCE STATUS**

1. **Equipment verification:** Review the list of pending applications, and either the preliminary Title V facility permit or the list of current permits to operate that the AQMD provided you, to determine if they completely and accurately describe all equipment operating at the facility. Attach a statement to describe any discrepancies.
2. **Identify applicable requirements\*:** Use the checklist in Section II to identify all applicable and federally-enforceable local, state, and federal rules and regulations, test methods, and monitoring, recordkeeping and reporting (MRR) requirements that apply to any equipment or process (including equipment exempt from a permit by Rule 219) at your facility. The potential applicable requirements, test methods and MRR requirements are identified and listed adjacent to each given equipment/process description. Check off each box adjacent to the corresponding requirement as it applies to your particular equipment/process.  
Note: Even if there is only one piece of equipment that is subject to a particular requirement, the appropriate box should be checked.
3. **Identify additional applicable requirements\*:** Use Section III to identify any additional requirements not found in Section II. Section II is not a complete list of all applicable requirements. It does not include recently adopted NESHAP regulations by EPA or recent amendments to AQMD rules. Do not add rules listed in Section V here.
4. **Identify any requirements that do not apply to a specific piece of equipment or process:** Also use Section III to identify any requirements that are listed in Section II but that do not apply to a specific piece of equipment or process. Fill out Section III of this form and attach a separate sheet to explain the reason(s) why the identified rules do not apply. Note: Listing any requirement that does not apply to a specific piece of equipment will not provide the facility with a permit shield unless one is specifically requested by completing Form 500-D and is approved by AQMD.
5. **Identify SIP-approved rules that are not current AQMD rules:** Use Section IV to identify older versions of current AQMD rules that are the EPA-approved versions in the State Implementation Plan (SIP), and that are still applicable requirements as defined by EPA. The facility is not required to certify compliance with the items checked in Section IV provided that the non-SIP approved rule in Section II is at least as stringent as the older SIP-approved version in Section IV. \*\*
6. **Identify Local-Only Enforceable Regulatory Requirements:** Use Section V to identify AQMD rules that are not SIP-approved and are not federally enforceable.
7. **Determine compliance:** Determine if all equipment and processes are complying with all requirements identified in Sections II and III. If each piece of equipment complies with all applicable requirements, complete and attach Form 500-A2 to certify the compliance status of the facility. If any piece of equipment is not in compliance with any of the applicable requirements, complete and attach Form 500-C2 in addition to Form 500-A2.

\* The following AQMD rules and regulations are not required to be included in Section II and do not have to be added to Section III: Regulation I, List and Criteria in Regulation II, Rule 201, Rule 201.1, Rule 202, Rule 203, Rule 205, Rule 206, Rule 207, Rule 208, Rule 209, Rule 210, Rule 212, Rule 214, Rule 215, Rule 216, Rule 217, Rule 219, Rule 220, Rule 221, Regulation III, Regulation V, Regulation VIII, Regulation XII, Regulation XV, Regulation XVI, Regulation XIX, Regulation XXI, Regulation XXII, and Regulation XXX.

\*\* Emission units adversely affected by the gap between current and SIP-approved versions of rules may initially be placed in a non-Title V portion of the permit

**Section II - Applicable Requirements, Test Methods, & MRR Requirements**

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input checked="" type="checkbox"/> All Air Pollution Control Equipment Using Combustion (RECLAIM & non-RECLAIM sources)	<input type="checkbox"/> Rule 480 (10/07/77)	N/A	N/A
<input checked="" type="checkbox"/> All Coating Operations (12/15/00)	<input checked="" type="checkbox"/> Rule 442	<input type="checkbox"/> Rule 442(f)	<input checked="" type="checkbox"/> Rule 442(g)
<input type="checkbox"/> All Combustion Equipment, ≥ 555 Mmbtu/Hr (except for NOx RECLAIM sources)	<input type="checkbox"/> Rule 474 (12/04/81)	<input type="checkbox"/> AQMD TM 7.1 or 100.1	
<input checked="" type="checkbox"/> All Combustion Equipment Except Internal Combustion Engines (RECLAIM & non-RECLAIM sources)	<input checked="" type="checkbox"/> Rule 407 (04/02/82) <input checked="" type="checkbox"/> Rule 409 (08/07/81)	<input checked="" type="checkbox"/> AQMD TM 100.1 or 10.1, 307-91 <input checked="" type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3	
<input checked="" type="checkbox"/> All Combustion Equipment Using Gaseous Fuel (except SOx RECLAIM sources)	<input checked="" type="checkbox"/> Rule 431.1 (06/12/98)	<input checked="" type="checkbox"/> Rule 431.1(f)	<input checked="" type="checkbox"/> Rule 431.1(d) & (e)
<input checked="" type="checkbox"/> All Combustion Equipment Using Liquid Fuel (except SOx RECLAIM sources)	<input checked="" type="checkbox"/> Rule 431.2 (09/15/00)	<input checked="" type="checkbox"/> Rule 431.2(g)	<input checked="" type="checkbox"/> Rule 431.2(f)
<input checked="" type="checkbox"/> All Combustion Equipment Using Fossil Fuel (except SOx RECLAIM sources)	<input type="checkbox"/> Rule 431.3 (05/07/76)		
<input checked="" type="checkbox"/> All Equipment	<input checked="" type="checkbox"/> Rule 401 (11/09/01) <input type="checkbox"/> Rule 405 (02/07/86) <input checked="" type="checkbox"/> Rule 408 (05/07/76) <input checked="" type="checkbox"/> Rule 430 (07/12/96) <input type="checkbox"/> Rule 701 (06/13/97) <input checked="" type="checkbox"/> New Source Review, BACT <input checked="" type="checkbox"/> Rule 1703 (10/07/88) <input type="checkbox"/> 40 CFR68 - Accidental Release Prevention	<input checked="" type="checkbox"/> California Air Resources Board Visible Emission Evaluation <input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3  N/A  See Applicable Subpart	<input checked="" type="checkbox"/> Rule 430(b)      See Applicable Subpart
<input type="checkbox"/> All Equipment Processing Solid Materials	<input type="checkbox"/> Rule 403 (06/03/05)	<input type="checkbox"/> Rule 403(d)(3)	<input type="checkbox"/> Rule 403(f)
<input checked="" type="checkbox"/> All Equipment With Exhaust Stack (except cement kilns subject to Rule 1112.1)	<input checked="" type="checkbox"/> Rule 404 (02/07/86)	<input checked="" type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3	
<input checked="" type="checkbox"/> All Facilities Using Solvents to Clean Various Items or Equipment	<input checked="" type="checkbox"/> Rule 109 (05/02/03) <input checked="" type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR63 SUBPART T	<input checked="" type="checkbox"/> Rule 109(g) <input checked="" type="checkbox"/> Rule 1171(e) See Applicable Subpart	<input checked="" type="checkbox"/> Rule 109(c) <input checked="" type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input checked="" type="checkbox"/> All RECLAIM Equipment (NOx & SOx)	<input checked="" type="checkbox"/> Reg. XX - RECLAIM	<input type="checkbox"/> Rule 2011, App. A (05/06/05) <input checked="" type="checkbox"/> Rule 2012, App. A (05/06/05)	<input type="checkbox"/> Rule 2011, App. A (05/06/05) <input checked="" type="checkbox"/> Rule 2012, App. A (05/06/05)
<input type="checkbox"/> Abrasive Blasting	<input type="checkbox"/> Rule 1140 (08/02/85)	<input type="checkbox"/> Rule 1140(d) & (e), AQMD Visible Emission Method	

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**Section II - Applicable Requirements, Test Methods, & MRR Requirements**

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Aggregate and Related Operations	<input type="checkbox"/> Rule 1157 (09/08/06)	<input type="checkbox"/> Rule 1157(f)	<input type="checkbox"/> Rule 1157(e)
<input checked="" type="checkbox"/> Appliances Containing Ozone Depleting Substances (except Motor Vehicle Air Conditioners): Manufacturing, Repair, Maintenance, Service, & Disposal	<input checked="" type="checkbox"/> 40 CFR82 SUBPART F	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Asphalt	See Manufacturing, Asphalt Processing & Asphalt Roofing		
<input type="checkbox"/> Asphalt Concrete/Batch Plants	<input type="checkbox"/> 40 CFR60 SUBPART I	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Benzene Emissions, Maleic Anhydride Plants, Ethylbenzene/Styrene Plants, Benzene Storage Vessels, Benzene Equipment Leaks, & Coke By-Product Recovery Plants	<input type="checkbox"/> Rule 1173 (02/06/09) <input type="checkbox"/> Rule 1176 (09/13/96) <input type="checkbox"/> 40 CFR61 SUBPART L <input type="checkbox"/> 40 CFR61 SUBPART Y <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 1173(j) <input type="checkbox"/> Rule 1176(h) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1173(i) <input type="checkbox"/> Rule 1176(f) & (g) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Benzene Transfer Operations	<input type="checkbox"/> Rule 1142 (07/19/91) <input type="checkbox"/> 40 CFR61 SUBPART BB <input type="checkbox"/> 40 CFR63 SUBPART Y	<input type="checkbox"/> Rule 1142(e) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1142(h) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Benzene Waste Operations	<input type="checkbox"/> Rule 1176 (09/13/96) <input type="checkbox"/> 40 CFR61 SUBPART FF <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 1176(h) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1176(f) & (g) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Beryllium Emissions	<input type="checkbox"/> 40 CFR61 SUBPART C	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Beryllium Emissions, Rocket Motor Firing	<input type="checkbox"/> 40 CFR61 SUBPART D	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Boiler, < 5 Mmbtu/Hr (non-RECLAIM sources)	<input type="checkbox"/> Rule 1146.1 (09/05/08) <input type="checkbox"/> Rule 1146.2 (05/05/06) <input type="checkbox"/> 40 CFR63 SUBPART DDDDD	<input type="checkbox"/> Rule 1146.1(d) N/A See Applicable Subpart	<input type="checkbox"/> Rule 1146.1(c)(2) & (c)(3) N/A See Applicable Subpart
<input checked="" type="checkbox"/> Boiler, < 5 Mmbtu/Hr (RECLAIM sources)	<input checked="" type="checkbox"/> Rule 1146.1 (09/05/08) - excluding NOx requirements <input checked="" type="checkbox"/> 40 CFR63 SUBPART DDDDD	<input checked="" type="checkbox"/> Rule 1146.1(d) See Applicable Subpart	<input checked="" type="checkbox"/> Rule 1146.1(c)(2) & (c)(3) See Applicable Subpart

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**Section II - Applicable Requirements, Test Methods, & MRR Requirements**

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Boiler, ≥ 5 Mmbtu/Hr (non-RECLAIM sources)	<input type="checkbox"/> Rule 218 (05/14/99) <input type="checkbox"/> Rule 429 (12/21/90) <input type="checkbox"/> Rule 475 (08/07/78) <input type="checkbox"/> Rule 476 (10/08/76) <input type="checkbox"/> Rule 1146 (09/05/08) <input type="checkbox"/> 40 CFR60 SUBPART D <input type="checkbox"/> 40 CFR60 SUBPART Da <input type="checkbox"/> 40 CFR60 SUBPART Dc <input type="checkbox"/> 40 CFR63 SUBPART DDDDD	<input type="checkbox"/> AQMD TM 100.1 N/A <input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 <input type="checkbox"/> AQMD TM 7.1, 100.1, 5.1, 5.2, or 5.3 <input type="checkbox"/> Rule 1146(d) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 218(e) & (f) <input type="checkbox"/> Rule 429(d)  <input type="checkbox"/> Rule 1146(c)(6) & (c)(7) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input checked="" type="checkbox"/> Boiler, ≥ 5 Mmbtu/Hr (RECLAIM sources)	<input type="checkbox"/> Rule 475 (08/07/78) <input type="checkbox"/> Rule 476 (10/08/76) - excluding NOx requirements <input checked="" type="checkbox"/> Rule 1146 (09/05/08) - excluding NOx requirements <input type="checkbox"/> Rule 2011 (05/06/05) <input checked="" type="checkbox"/> <sup>or</sup> Rule 2012 (05/06/05) <input type="checkbox"/> 40 CFR60 SUBPART D <input type="checkbox"/> 40 CFR60 SUBPART Da <input type="checkbox"/> 40 CFR60 SUBPART Dc <input checked="" type="checkbox"/> 40 CFR63 SUBPART DDDDD	<input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 <input type="checkbox"/> AQMD TM 7.1, 100.1, 5.1, 5.2, or 5.3 <input checked="" type="checkbox"/> Rule 1146(d) <input type="checkbox"/> Rule 2011, App. A (05/06/05) <input checked="" type="checkbox"/> <sup>or</sup> Rule 2012, App. A (05/06/05) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input checked="" type="checkbox"/> Rule 1146(c)(6) & (c)(7) <input type="checkbox"/> Rule 2011, App. A (05/06/05) <input checked="" type="checkbox"/> <sup>or</sup> Rule 2012, App. A (05/06/05) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Boiler, Petroleum Refining (non-RECLAIM sources)	<input type="checkbox"/> Rule 218 (05/14/99) <input type="checkbox"/> Rule 429 (12/21/90) <input type="checkbox"/> Rule 431.1 (06/12/98) <input type="checkbox"/> Rule 475 (08/07/78) <input type="checkbox"/> Rule 1146 (09/05/08) <input type="checkbox"/> 40 CFR60 SUBPART J <input type="checkbox"/> 40 CFR63 SUBPART DDDDD	<input type="checkbox"/> AQMD TM 100.1 N/A <input type="checkbox"/> Rule 431.1(f) <input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 <input type="checkbox"/> Rule 1146(d) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 218(e) & (f) <input type="checkbox"/> Rule 429(d) <input type="checkbox"/> Rule 431.1(d) & (e)  <input type="checkbox"/> Rule 1146(c)(6) & (c)(7) See Applicable Subpart See Applicable Subpart

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**Section II - Applicable Requirements, Test Methods, & MRR Requirements**

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Boiler, Petroleum Refining (RECLAIM sources)	<input type="checkbox"/> Rule 1146 (09/05/08) - excluding NOx requirements <input type="checkbox"/> Rule 2011 (05/06/05) <input type="checkbox"/> or <input type="checkbox"/> Rule 2012 (05/06/05) <input type="checkbox"/> 40 CFR60 SUBPART J <input type="checkbox"/> 40 CFR63 SUBPART DDDDD	<input type="checkbox"/> Rule 1146(d) <input type="checkbox"/> Rule 2011, App. A (05/06/05) <input type="checkbox"/> or <input type="checkbox"/> Rule 2012, App. A (05/06/05) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1146(c)(6) & (c)(7) <input type="checkbox"/> Rule 2011, App. A (05/06/05) <input type="checkbox"/> or <input type="checkbox"/> Rule 2012, App. A (05/06/05) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Boilers, Electric Utility (non-RECLAIM sources)	<input type="checkbox"/> Rule 218 (05/14/99) <input type="checkbox"/> Rule 429 (12/21/90) <input type="checkbox"/> Rule 1135 (07/19/91) <input type="checkbox"/> 40 CFR60 SUBPART Db <input type="checkbox"/> 40 CFR63 SUBPART DDDDD	<input type="checkbox"/> AQMD TM 100.1 N/A <input type="checkbox"/> Rule 1135(e) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 218(e) & (f) <input type="checkbox"/> Rule 429(d) <input type="checkbox"/> Rule 1135(e) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Boilers, Electric Utility (RECLAIM sources)	<input type="checkbox"/> Rule 2012 (05/06/05) <input type="checkbox"/> 40 CFR60 SUBPART Db <input type="checkbox"/> 40 CFR63 SUBPART DDDDD	<input type="checkbox"/> Rule 2012, App. A (05/06/05) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 2012, App. A (05/06/05) See Applicable Subpart See Applicable Subpart
<input checked="" type="checkbox"/> Bulk Loading Of Organic Liquids	<input type="checkbox"/> Rule 462 (05/14/99) <input type="checkbox"/> 40 CFR60 SUBPART XX <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART BBBB <input type="checkbox"/> 40 CFR63 SUBPART EEEE	<input type="checkbox"/> Rule 462(f) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 462(g) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Cadmium Electroplating Operation	<input type="checkbox"/> Rule 1426 (05/02/03)		<input type="checkbox"/> Rule 1426(e)
<input type="checkbox"/> Calciner, Mineral Industries	<input type="checkbox"/> 40 CFR60 SUBPART UUU	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Calciner, Petroleum Coke	<input type="checkbox"/> Rule 477 (04/03/81) <input type="checkbox"/> Rule 1119 (03/02/79) <input type="checkbox"/> 40 CFR63 SUBPART L	<input type="checkbox"/> AQMD Visible Emissions, AQMD TM 5.1, 5.2, or 5.3 <input type="checkbox"/> AQMD TM 6.1 or 100.1 See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Charbroilers	<input type="checkbox"/> Rule 1174 (10/05/90) <input type="checkbox"/> Rule 1138 (11/14/97)	<input type="checkbox"/> AQMD Test Protocol <input type="checkbox"/> Rule 1138(g)	<input type="checkbox"/> Rule 1138(d)
<input type="checkbox"/> Chrome Plating & Chromic Acid Anodizing Operation	<input type="checkbox"/> Rule 1426 (05/02/03) <input type="checkbox"/> Rule 1469 (12/05/08)	<input type="checkbox"/> Rule 1469(e)	<input type="checkbox"/> Rule 1426(e) <input type="checkbox"/> Rule 1469(g), (j) & (k)

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**Section II - Applicable Requirements, Test Methods, & MRR Requirements**

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input checked="" type="checkbox"/> Coating Operation, Adhesive Application Operation	<input checked="" type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1132 (05/05/06) <input checked="" type="checkbox"/> Rule 1168 (01/07/05) <input checked="" type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR60 SUBPART RR	<input checked="" type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1132(f) <input checked="" type="checkbox"/> Rule 1168(f) & (e) <input checked="" type="checkbox"/> Rule 1171(e) See Applicable Subpart	<input checked="" type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1132(g) <input checked="" type="checkbox"/> Rule 1168(d) <input checked="" type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Coating Operation, Aerospace Assembly & Component Manufacturing	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1124 (09/21/01) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR63 SUBPART GG	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1124(e) & (f) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1124(j) & (d) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Coating Operation, Graphic Arts (Gravure, Letter Press, Flexographic & Lithographic Printing Process, Etc.)	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1130 (10/08/99) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR60 SUBPART QQ <input type="checkbox"/> 40 CFR60 SUBPART RR <input type="checkbox"/> 40 CFR60 SUBPART FFF <input type="checkbox"/> 40 CFR60 SUBPART VVV <input type="checkbox"/> 40 CFR63 SUBPART KK <input type="checkbox"/> 40 CFR63 SUBPART JJJJ	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1130(h) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart  See Applicable Subpart  See Applicable Subpart  See Applicable Subpart  See Applicable Subpart  See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1130(e) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart  See Applicable Subpart  See Applicable Subpart  See Applicable Subpart  See Applicable Subpart
<input type="checkbox"/> Coating Operation, Magnet Wire Coating	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1126 (01/13/95) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1126(d) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e)	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1126(c)(4) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6)

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**Section II - Applicable Requirements, Test Methods, & MRR Requirements**

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Coating Operation, Marine Coating (Except for recreational equipment)	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1106 (01/13/95) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR63 SUBPART II	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1106(e) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1106(c)(5) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Coating Operation, Metal Coating	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1107 (01/06/06) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR60 SUBPART EE <input type="checkbox"/> 40 CFR60 SUBPART SS <input type="checkbox"/> 40 CFR63 SUBPART NNNN <input type="checkbox"/> 40 CFR63 SUBPART MMMM <input type="checkbox"/> 40 CFR63 SUBPART RRRR	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1107(e) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1107(j) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Coating Operation, Metal Containers, Closure, & Coil Coating Operations	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1125 (03/07/08) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR60 SUBPART TT <input type="checkbox"/> 40 CFR60 SUBPART WW <input type="checkbox"/> 40 CFR63 SUBPART KKKK <input type="checkbox"/> 40 CFR63 SUBPART SSSS	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1125(e) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1125(c)(6) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Coating Operation, Motor Vehicle & Mobile Equipment Non-Assembly Line Coating Operation	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1151 (12/02/05) <input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1151(h) <input type="checkbox"/> Rule 1171(e)	<input type="checkbox"/> Rule 109© <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1151(f) <input type="checkbox"/> Rule 1171(c)(6)

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**Section II - Applicable Requirements, Test Methods, & MRR Requirements**

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Coating Operation, Motor Vehicle Assembly Line	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1115 (05/12/95) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR60 SUBPART MM <input type="checkbox"/> 40 CFR63 SUBPART IIII	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1115(e) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1115(g) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Coating Operation, Paper, Fabric, & Film Coating Operations	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1128 (03/08/96) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR60 SUBPART VVV <input type="checkbox"/> 40 CFR63 SUBPART OOOO	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1128(f) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1128(e) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Coating Operation, Plastic, Rubber, & Glass	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1145 (12/04/09) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR60 SUBPART TTT <input type="checkbox"/> 40 CFR63 SUBPART NNNN <input type="checkbox"/> 40 CFR63 SUBPART PPPP	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1145(e) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1145(d) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Coating Operation, Pleasure Craft	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1106.1 (02/12/99) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR63 SUBPART II	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1106.1(e) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1106.1(d) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart

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**Section II - Applicable Requirements, Test Methods, & MRR Requirements**

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Coating Operation, Screen Printing	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 1130.1 (12/13/96) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR63 SUBPART KK	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 1130.1(g) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1130.1(c)(5) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input checked="" type="checkbox"/> Coating Operation, Use Of Architectural Coating (Stationary Structures)	<input checked="" type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input checked="" type="checkbox"/> Rule 1113 (07/13/07) <input type="checkbox"/> Rule 1132 (05/05/06) <input checked="" type="checkbox"/> Rule 1171 (05/01/09)	<input checked="" type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input checked="" type="checkbox"/> Rule 1113(e) <input type="checkbox"/> Rule 1132(f) <input checked="" type="checkbox"/> Rule 1171(e)	<input checked="" type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1132(g) <input checked="" type="checkbox"/> Rule 1171(c)(6)
<input type="checkbox"/> Coating Operation, Wood Flat Stock	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1104 (08/13/99) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR63 SUBPART II	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1104(e) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1104(d) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Coating Operation, Wood Products (Commercial Furniture, Cabinets, Shutters, Frames, Toys)	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1132 (05/05/06) <input type="checkbox"/> Rule 1136 (06/14/96) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR63 SUBPART JJ	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1136(f) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1136(d) & (g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Coater	See Coating Operations		
<input type="checkbox"/> Columns	See Petroleum Refineries, Fugitive Emissions		
<input type="checkbox"/> Composting Operation	<input type="checkbox"/> Rule 1133 (01/10/03) <input type="checkbox"/> Rule 1133.1 (01/10/03) <input type="checkbox"/> Rule 1133.2 (01/10/03)	<input type="checkbox"/> Rule 1133.1(e) <input type="checkbox"/> Rule 1133.2(g)	<input type="checkbox"/> Rule 1133.1(d) <input type="checkbox"/> Rule 1133.2(h)
<input checked="" type="checkbox"/> Compressors	See Fugitive Emissions or Petroleum Refineries, Fugitive Emissions		
<input type="checkbox"/> Concrete Batch Plants	See Nonmetallic Mineral Processing Plants		
<input type="checkbox"/> Consumer Product Manufacturing	See Manufacturing, Consumer Product		
<input type="checkbox"/> Cooling Tower, Hexavalent Chromium	<input type="checkbox"/> 40 CFR63 SUBPART Q	See Applicable Subpart	See Applicable Subpart

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**Section II - Applicable Requirements, Test Methods, & MRR Requirements**

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Copper Electroplating Operation	<input type="checkbox"/> Rule 1426 (05/02/03)		<input type="checkbox"/> Rule 1426(e)
<input checked="" type="checkbox"/> Crude Oil Production	See Oil Well Operations		
<input type="checkbox"/> Crusher	See Nonmetallic Mineral Processing Plants		
<input type="checkbox"/> Dairy Farms and Related Operations	<input type="checkbox"/> Rule 1127 (08/06/04)	<input type="checkbox"/> Rule 1127(h)	<input type="checkbox"/> Rule 1127(g)
<input type="checkbox"/> Degreasers	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 1122 (05/01/09) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR63 SUBPART T	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 1122(h) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1122(i) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Dry Cleaning, Perchloroethylene	<input type="checkbox"/> Rule 1421 (12/06/02)	<input type="checkbox"/> Rule 1421(e) & (i)	<input type="checkbox"/> Rule 1421(g) & (h)
<input type="checkbox"/> Dry Cleaning, Petroleum Solvent	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 1102 (11/17/00) <input type="checkbox"/> 40 CFR60 SUBPART JJJ	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 1102(g) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1102(f) See Applicable Subpart
<input type="checkbox"/> Dryers, Mineral Industries	<input type="checkbox"/> 40 CFR60 SUBPART UUU	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Ethylene Oxide Sterilizer	See Sterilizer, Ethylene Oxide		
<input checked="" type="checkbox"/> Flanges	See Fugitive Emissions or Petroleum Refineries, Fugitive Emissions		
<input type="checkbox"/> Fluid Catalytic Cracking Unit	<input type="checkbox"/> Rule 218 (05/14/99) <input type="checkbox"/> Rule 1105 (09/01/84) <input type="checkbox"/> Rule 1105.1 (11/07/03)	<input type="checkbox"/> AQMD TM 100.1 <input type="checkbox"/> Rule 1105(c)(1) <input type="checkbox"/> Rule 1105.1(f)	<input type="checkbox"/> Rule 218(e) & (f) <input type="checkbox"/> Rule 1105(c)(2) <input type="checkbox"/> Rule 1105.1(e)
<input type="checkbox"/> Foundries, Iron and Steel	<input type="checkbox"/> 40 CFR63 SUBPART EEEEE	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Friction Materials Manufacturing	See Manufacturing, Friction Materials		
<input type="checkbox"/> Fugitive Emissions, Benzene	<input type="checkbox"/> Rule 1173 (12/06/02) <input type="checkbox"/> 40 CFR61 SUBPART L <input type="checkbox"/> 40 CFR61 SUBPART V <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 1173(j) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1173(i) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart

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**Section II - Applicable Requirements, Test Methods, & MRR Requirements**

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Fugitive Emissions, Chemical Plant	<input type="checkbox"/> Rule 466 (10/07/83) <input type="checkbox"/> Rule 466.1 (03/16/84) <input type="checkbox"/> Rule 467 (03/05/82) <input type="checkbox"/> Rule 1173 (02/06/09) <input type="checkbox"/> 40 CFR60 SUBPART VV <input type="checkbox"/> 40 CFR61 SUBPART V <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 466(f) <input type="checkbox"/> Rule 466.1(g) <input type="checkbox"/> Rule 467(f) <input type="checkbox"/> Rule 1173(j) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 466(e) <input type="checkbox"/> Rule 466.1(h) <input type="checkbox"/> Rule 467(e) <input type="checkbox"/> Rule 1173(i) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Fugitive Emissions, Natural Gas Processing Plant	<input type="checkbox"/> Rule 466 (10/07/83) <input type="checkbox"/> Rule 466.1 (03/16/84) <input type="checkbox"/> Rule 467 (03/05/82) <input type="checkbox"/> Rule 1173 (02/06/09) <input type="checkbox"/> 40 CFR60 SUBPART KKK <input type="checkbox"/> 40 CFR61 SUBPART V <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 466(f) <input type="checkbox"/> Rule 466.1(g) <input type="checkbox"/> Rule 467(f) <input type="checkbox"/> Rule 1173(j) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 466(e) <input type="checkbox"/> Rule 466.1(h) <input type="checkbox"/> Rule 467(e) <input type="checkbox"/> Rule 1173(i) See Applicable Subpart See Applicable Subpart

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**Section II - Applicable Requirements, Test Methods, & MRR Requirements**

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Fugitive Emissions, Oil & Gas Production Facility	<input type="checkbox"/> Rule 466 (10/07/83) <input type="checkbox"/> Rule 466.1 (03/16/84) <input type="checkbox"/> Rule 467 (03/05/82) <input type="checkbox"/> Rule 1173 (02/06/09) <input type="checkbox"/> 40 CFR61 SUBPART V <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 466(f) <input type="checkbox"/> Rule 466.1(g) <input type="checkbox"/> Rule 467(f) <input type="checkbox"/> Rule 1173(j) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 466(e) <input type="checkbox"/> Rule 466.1(h) <input type="checkbox"/> Rule 467(e) <input type="checkbox"/> Rule 1173(j) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Fugitive Emissions, Pipeline Transfer Station	<input type="checkbox"/> Rule 466 (10/07/83) <input type="checkbox"/> Rule 466.1 (03/16/84) <input type="checkbox"/> Rule 467 (03/05/82) <input type="checkbox"/> Rule 1173 (02/06/09) <input type="checkbox"/> 40 CFR61 SUBPART V <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 466(f) <input type="checkbox"/> Rule 466.1(g) <input type="checkbox"/> Rule 467(f) <input type="checkbox"/> Rule 1173(j) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 466(e) <input type="checkbox"/> Rule 466.1(h) <input type="checkbox"/> Rule 467(e) <input type="checkbox"/> Rule 1173(i) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Furnace, Basic Oxygen Process	<input type="checkbox"/> 40 CFR60 SUBPART Na	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Furnace, Electric Arc, For Steel Plants: Constructed After August 17, 1983	<input type="checkbox"/> 40 CFR60 SUBPART AAa	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Furnace, Electric Arc, For Steel Plants: Constructed After Oct. 21, 1974, & On Or Before Aug. 17, 1983	<input type="checkbox"/> 40 CFR60 SUBPART AA	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Furnace, Glass Melting	<input type="checkbox"/> Rule 1117 (01/06/84) <input type="checkbox"/> 40 CFR60 SUBPART CC	<input type="checkbox"/> Rule 1117(c), AQMD TM 7.1 or 100.1 See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Furnace, Lead Melting, Automotive Batteries	<input type="checkbox"/> Rule 1101 (10/07/77) <input type="checkbox"/> 40 CFR63 SUBPART X	<input type="checkbox"/> AQMD TM 6.1 See Applicable Subpart	See Applicable Subpart

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**Section II - Applicable Requirements, Test Methods, & MRR Requirements**

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input checked="" type="checkbox"/> Gasoline Transfer & Dispensing Operation	<input checked="" type="checkbox"/> Rule 461 (06/03/05)	<input checked="" type="checkbox"/> Rule 461(f)	<input checked="" type="checkbox"/> Rule 461(e)(6) & (e)(7)
<input type="checkbox"/> Glass Manufacturing	See Manufacturing, Glass		
<input type="checkbox"/> Grain Elevators	<input type="checkbox"/> 40 CFR60 SUBPART DD	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Halon-containing Equipment, Use for Technician Training, Testing, Maintenance, Service, Repair, or Disposal	<input type="checkbox"/> 40 CFR82 SUBPART H	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Hazardous Waste Combustors	<input type="checkbox"/> 40 CFR63 SUBPART EEE	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Heater, Asphalt Pavement	<input type="checkbox"/> Rule 1120 (08/04/78)	<input type="checkbox"/> AQMD Visible Emissions, AQMD TM 6.2	<input type="checkbox"/> Rule 1120(f)
<input type="checkbox"/> Heaters, Petroleum Refinery Process	<input type="checkbox"/> Rule 429 (12/21/90) <input type="checkbox"/> Rule 431.1 (06/12/98) <input type="checkbox"/> Rule 1146 (09/05/08) <input type="checkbox"/> 40 CFR60 SUBPART J <input type="checkbox"/> 40 CFR63 SUBPART DDDDD	N/A <input type="checkbox"/> Rule 431.1(f) <input type="checkbox"/> Rule 1146(d) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 429(d) <input type="checkbox"/> Rule 431.1(d) & (e) <input type="checkbox"/> Rule 1146(c)(6) & (c)(7) See Applicable Subpart See Applicable Subpart
<input checked="" type="checkbox"/> Heaters, Process	See Boilers		
<input type="checkbox"/> Incinerators	<input type="checkbox"/> 40 CFR60 SUBPART E <input type="checkbox"/> 40 CFR60 SUBPART CCCC	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Inorganic Arsenic Emissions, Arsenic Trioxide & Metallic Arsenic Production Facilities	<input type="checkbox"/> 40 CFR61 SUBPART P	See Applicable Subpart	See Applicable Subpart
<input checked="" type="checkbox"/> Internal Combustion Engines, Reciprocating	<input checked="" type="checkbox"/> Rule 1110.2 (07/09/10) <input checked="" type="checkbox"/> 40 CFR60 SUBPART IIII and JJJJ <input checked="" type="checkbox"/> 40 CFR63 SUBPART ZZZZ	Rule 1110.2(g) See Applicable Subpart See Applicable Subpart	Rule 1110.2(f) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Kiln, Cement Plant	<input type="checkbox"/> Rule 1112 (06/06/86) <input type="checkbox"/> Rule 1112.1 (12/04/09) <input type="checkbox"/> 40 CFR60 SUBPART F	N/A N/A See Applicable Subpart	N/A N/A See Applicable Subpart

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**Section II - Applicable Requirements, Test Methods, & MRR Requirements**

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Landfills	<input type="checkbox"/> Rule 1150 (10/15/82) <input type="checkbox"/> Rule 1150.1 (03/17/00) <input type="checkbox"/> 40 CFR60 SUBPART WWW <input type="checkbox"/> 40 CFR63 SUBPART AAAA	<input type="checkbox"/> Rule 1150.1(j) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1150.1(e) & (f) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Lead Acid Battery Manufacturing Plants	See Manufacturing, Lead Acid Battery		
<input type="checkbox"/> Lead Electroplating Operation	<input type="checkbox"/> Rule 1426 (05/02/03)		<input type="checkbox"/> Rule 1426(e)
<input type="checkbox"/> Manufacturing, Asphalt Processing & Asphalt Roofing	<input type="checkbox"/> Rule 470 (05/07/76) <input type="checkbox"/> Rule 1108 (02/01/85) <input type="checkbox"/> Rule 1108.1 (11/04/83) <input type="checkbox"/> 40 CFR60 SUBPART UU <input type="checkbox"/> 40 CFR63 SUBPART LLLLL	N/A <input type="checkbox"/> Rule 1108(b) <input type="checkbox"/> Rule 1108.1 (b) See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Brick & Structural Clay Products	<input type="checkbox"/> 40 CFR63 SUBPART JJJJJ	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Cement	<input type="checkbox"/> Rule 1156 (03/06/09)	<input type="checkbox"/> Rule 1156(g)	<input type="checkbox"/> Rule 1156(f)
<input type="checkbox"/> Manufacturing, Clay Ceramics	<input type="checkbox"/> 40 CFR63 SUBPART KKKKK	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Coatings & Ink (SIC Code 2851)	<input type="checkbox"/> Rule 1141.1 (11/17/00) <input type="checkbox"/> 40 CFR63 SUBPART HHHHH	N/A See Applicable Subpart	<input type="checkbox"/> Rule 1141.1(c) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Consumer Product	<input type="checkbox"/> Title 17 CCR 94500		
<input type="checkbox"/> Manufacturing, Food Product	<input type="checkbox"/> Rule 1131 (06/06/03)	<input type="checkbox"/> Rule 1131(e)	<input type="checkbox"/> Rule 1131(d)
<input type="checkbox"/> Manufacturing, Friction Materials	<input type="checkbox"/> 40 CFR63 SUBPART QQQQQ	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Glass	<input type="checkbox"/> Rule 1117 (01/06/84) <input type="checkbox"/> 40 CFR60 SUBPART CC <input type="checkbox"/> 40 CFR61 SUBPART N	<input type="checkbox"/> Rule 1117(c), AQMD TM 7.1 or 100.1 See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Hydrochloric Acid	<input type="checkbox"/> 40 CFR63 SUBPART NNNNN	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Lead-Acid Battery	<input type="checkbox"/> 40 CFR60 SUBPART KK	See Applicable Subpart	See Applicable Subpart

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**Section II - Applicable Requirements, Test Methods, & MRR Requirements**

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Manufacturing, Lime	<input type="checkbox"/> 40 CFR63 SUBPART AAAAA	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Magnetic Tape Industry	<input type="checkbox"/> 40 CFR60 SUBPART SSS <input type="checkbox"/> 40 CFR63 SUBPART EE	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Miscellaneous Organic Chemical	<input type="checkbox"/> 40 CFR63 SUBPART FFFF	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Nitric Acid	<input type="checkbox"/> Rule 218 (05/14/99) <input type="checkbox"/> Rule 1159 (12/06/85) <input type="checkbox"/> 40 CFR60 SUBPART G	<input type="checkbox"/> AQMD TM 100.1 <input type="checkbox"/> AQMD TM 7.1 or 100.1 See Applicable Subpart	<input type="checkbox"/> Rule 218(e) & (f)  See Applicable Subpart
<input type="checkbox"/> Manufacturing, Plywood & Composite Wood Products	<input type="checkbox"/> Rule 1137 (02/01/02) <input type="checkbox"/> 40 CFR63 SUBPART DDDD	N/A See Applicable Subpart	<input type="checkbox"/> Rule 1137(e) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Polymer Industry	<input type="checkbox"/> 40 CFR60 SUBPART DDD <input type="checkbox"/> 40 CFR63 SUBPART W <input type="checkbox"/> 40 CFR63 SUBPART J	See Applicable Subpart See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Polymeric Cellular Foam	<input type="checkbox"/> Rule 1175 (09/07/07) <input type="checkbox"/> 40 CFR63 SUBPART UUUU	<input type="checkbox"/> Rule 1175(f) See Applicable Subpart	<input type="checkbox"/> Rule 1175(e) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Products Containing Halon Blends	<input type="checkbox"/> 40 CFR82 SUBPART H	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Products Containing Organic Solvents	<input type="checkbox"/> Rule 443.1 (12/05/86)	N/A	N/A
<input type="checkbox"/> Manufacturing, Products Containing Ozone Depleting Substances (ODS)	<input type="checkbox"/> 40 CFR82 SUBPART A <input type="checkbox"/> 40 CFR82 SUBPART E	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Reinforced Plastic Composites	<input type="checkbox"/> 40 CFR63 SUBPART WWWW	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Refractory Products	<input type="checkbox"/> 40 CFR63 SUBPART SSSSS	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Resin	<input type="checkbox"/> Rule 1141 (11/17/00) <input type="checkbox"/> 40 CFR63 SUBPART W	<input type="checkbox"/> Rule 1141(d) See Applicable Subpart	<input type="checkbox"/> Rule 1141(c) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Rubber Tire	<input type="checkbox"/> 40 CFR63 SUBPART XXXX	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Semiconductors	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 1164 (01/13/95) <input type="checkbox"/> Rule 1171 (05/01/09) <input type="checkbox"/> 40 CFR63 SUBPART BBBB	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 1164(e) <input type="checkbox"/> Rule 1171(e) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1164(c)(5) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Solvent	<input type="checkbox"/> Rule 443 (05/07/76)	N/A	N/A

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**Section II - Applicable Requirements, Test Methods, & MRR Requirements**

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Manufacturing, Sulfuric Acid	<input type="checkbox"/> Rule 469 (02/13/81) <input type="checkbox"/> 40 CFR60 SUBPART H <input type="checkbox"/> 40 CFR60 SUBPART Cd	<input type="checkbox"/> AQMD TM 6.1 or 6.2 See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Surfactant	<input type="checkbox"/> Rule 1141.2 (01/11/02)	<input type="checkbox"/> Rule 1141.2(e) <input type="checkbox"/> AQMD TM 25.1	
<input type="checkbox"/> Manufacturing, Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes	<input type="checkbox"/> 40 CFR60 SUBPART III <input type="checkbox"/> 40 CFR60 SUBPART NNN	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes	<input type="checkbox"/> 40 CFR60 SUBPART RRR	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Vinyl Chloride	<input type="checkbox"/> 40 CFR61 SUBPART F	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Water Heaters	<input type="checkbox"/> Rule 1121 (09/03/04)	N/A	N/A
<input type="checkbox"/> Manufacturing, Wool Fiberglass Insulation	<input type="checkbox"/> 40 CFR60 SUBPART PPP	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manure Processing Operations	<input type="checkbox"/> Rule 1127 (08/06/04)	<input type="checkbox"/> Rule 1127(h)	<input type="checkbox"/> Rule 1127(g)
<input type="checkbox"/> Marine Tank Vessel Operations	<input type="checkbox"/> Rule 1142 (07/19/91) <input type="checkbox"/> Rule 1173 (02/06/09) <input type="checkbox"/> 40 CFR63 SUBPART Y	<input type="checkbox"/> Rule 1142(e) <input type="checkbox"/> Rule 1173(j) See Applicable Subpart	<input type="checkbox"/> Rule 1142(h) <input type="checkbox"/> Rule 1173(i) See Applicable Subpart
<input type="checkbox"/> Mercury Emissions	<input type="checkbox"/> 40 CFR61 SUBPART E <input type="checkbox"/> 40 CFR63 SUBPART IIII	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Motor Vehicle Air Conditioners with Ozone Depleting Substances (ODS): Repair, Service, Manufacturing, Maintenance, or Disposal	<input type="checkbox"/> 40 CFR82 SUBPART B <input type="checkbox"/> 40 CFR82 SUBPART F	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Municipal Waste Combustors	<input type="checkbox"/> 40 CFR60 SUBPART Cb <input type="checkbox"/> 40 CFR60 SUBPART Ea <input type="checkbox"/> 40 CFR60 SUBPART Eb	See Applicable Subpart See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Negative Air Machines/HEPA, Asbestos	<input type="checkbox"/> 40 CFR61 SUBPART M	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Nickel Electroplating Operation	<input type="checkbox"/> Rule 1426 (05/02/03)		<input type="checkbox"/> Rule 1426(e)
<input type="checkbox"/> Nonmetallic Mineral Processing Plants	<input type="checkbox"/> Rule 404 (02/07/86) <input type="checkbox"/> Rule 405 (02/07/86) <input type="checkbox"/> 40 CFR60 SUBPART OOO	<input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 <input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Off-site Waste and Recovery Operation	<input type="checkbox"/> 40 CFR63 SUBPART DD	See Applicable Subpart	See Applicable Subpart

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**Section II - Applicable Requirements, Test Methods, & MRR Requirements**

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input checked="" type="checkbox"/> Oil and Gas Well Operation	<input type="checkbox"/> Rule 1148 (11/05/82) <input type="checkbox"/> Rule 1148.1 (03/05/04)	<input type="checkbox"/> AQMD TM 25.1 <input type="checkbox"/> Rule 1148.1 (g)	<input type="checkbox"/> Rule 1148.1 (f)
<input type="checkbox"/> Onshore Natural Gas Processing, SO2 Emissions	<input type="checkbox"/> 40 CFR60 SUBPART LLL	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Open Fires	<input type="checkbox"/> Rule 444 (11/07/08)		
<input type="checkbox"/> Open Storage, Petroleum Coke	<input type="checkbox"/> Rule 403 (06/03/05) <input type="checkbox"/> Rule 403.1 (04/02/04) <input type="checkbox"/> Rule 1158 (06/11/99)	<input type="checkbox"/> Rule 403(d)(4) <input type="checkbox"/> Rule 1158(h)	<input type="checkbox"/> Rule 403(f) <input type="checkbox"/> Rule 403.1(h) <input type="checkbox"/> Rule 1158(j)
<input type="checkbox"/> Open Storage	<input type="checkbox"/> Rule 403 (06/03/05) <input type="checkbox"/> Rule 403.1 (04/02/04)	<input type="checkbox"/> Rule 403(d)(4)	<input type="checkbox"/> Rule 403(f) <input type="checkbox"/> Rule 403.1(h)
<input type="checkbox"/> Outer Continental Shelf Platform	<input type="checkbox"/> Rule 1183 (03/12/93) <input type="checkbox"/> 40 CFR55	<input type="checkbox"/> 40 CFR55 See Applicable Subpart	<input type="checkbox"/> 40 CFR55 See Applicable Subpart
<input type="checkbox"/> Oven, Commercial Bakery	<input type="checkbox"/> Rule 1153 (01/13/95)	<input type="checkbox"/> Rule 1153(h)	<input type="checkbox"/> Rule 1153(g)
<input type="checkbox"/> Oven, Petroleum Coke	<input type="checkbox"/> Rule 477 (04/03/81) <input type="checkbox"/> 40 CFR63 SUBPART L <input type="checkbox"/> 40 CFR63 SUBPART CCCCC	<input type="checkbox"/> AQMD Visible Emissions, AQMD TM 5.1, 5.2, or 5.3 See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Ozone Depleting Substances (ODS) or Alternative ODS, Use	<input type="checkbox"/> 40 CFR82 Subpart G	See Applicable Subpart	See Applicable Subpart

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**Section II - Applicable Requirements, Test Methods, & MRR Requirements**

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Petroleum Refineries	<input type="checkbox"/> Rule 218 (05/14/99) <input type="checkbox"/> Rule 465 (08/13/99) <input type="checkbox"/> Rule 468 (10/08/76) <input type="checkbox"/> Rule 469 (02/13/81) <input type="checkbox"/> Rule 1118 (11/04/05) <input type="checkbox"/> Rule 1123 (12/07/90) <input type="checkbox"/> Rule 1189 (01/21/00) <input type="checkbox"/> 40 CFR60 SUBPART J <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR63 SUBPART CC <input type="checkbox"/> 40 CFR63 SUBPART EEEE <input type="checkbox"/> 40 CFR63 SUBPART GGGG <input type="checkbox"/> Title 13 CCR 2250	<input type="checkbox"/> AQMD TM 100.1  <input type="checkbox"/> AQMD TM 6.1 or 6.2 <input type="checkbox"/> AQMD TM 6.1 or 6.2 <input type="checkbox"/> Rule 1118(j) N/A <input type="checkbox"/> Rule 1189(f) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 218(e) & (f)  <input type="checkbox"/> Rule 1118(f), (g), (h), & (i) <input type="checkbox"/> Rule 1123(c) <input type="checkbox"/> Rule 1189(e) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Petroleum Refineries, Fugitive Emissions	<input type="checkbox"/> Rule 1173 (02/06/09) <input type="checkbox"/> Rule 466 (10/07/83) <input type="checkbox"/> Rule 466.1 (03/16/84) <input type="checkbox"/> Rule 467 (03/05/82) <input type="checkbox"/> 40 CFR60 SUBPART GGG <input type="checkbox"/> 40 CFR61 SUBPART V <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 1173(j) <input type="checkbox"/> Rule 466(f) <input type="checkbox"/> Rule 466.1(g) <input type="checkbox"/> Rule 467(f) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1173(i) <input type="checkbox"/> Rule 466(e) <input type="checkbox"/> Rule 466.1(h) <input type="checkbox"/> Rule 467(e) See Applicable Subpart See Applicable Subpart

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**Section II - Applicable Requirements, Test Methods, & MRR Requirements**

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Petroleum Refineries, Storage Tanks	<input type="checkbox"/> Rule 463 (05/06/05) <input type="checkbox"/> Rule 1178 (04/07/06) <input type="checkbox"/> 40 CFR60 SUBPART K <input type="checkbox"/> 40 CFR60 SUBPART Ka <input type="checkbox"/> 40 CFR60 SUBPART Kb <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC <input type="checkbox"/> 40 CFR63 SUBPART EEEE	<input type="checkbox"/> Rule 463(g) <input type="checkbox"/> Rule 1178(i) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 463(e)(5) <input type="checkbox"/> Rule 1178(f) & (h) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Petroleum Refineries, Wastewater Systems	<input type="checkbox"/> Rule 1176 (09/13/96) <input type="checkbox"/> Rule 464 (12/07/90) <input type="checkbox"/> 40 CFR60 SUBPART QQQ <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 1176(h) N/A See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1176(f) & (g)  See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Pharmaceuticals & Cosmetics Manufacturing	<input type="checkbox"/> Rule 1103 (03/12/99) <input type="checkbox"/> 40 CFR63 SUBPART GGG	<input type="checkbox"/> Rule 1103(f) See Applicable Subpart	<input type="checkbox"/> Rule 1103(e) See Applicable Subpart
<input type="checkbox"/> Polyester Resin Operation	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 1162 (07/08/05) <input type="checkbox"/> Rule 1171 (05/01/09)	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 1162(f) <input type="checkbox"/> Rule 1171(e)	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1162(e) <input type="checkbox"/> Rule 1171(c)(6)
<input type="checkbox"/> Primary Magnesium Refining	<input type="checkbox"/> 40 CFR63 SUBPART TTTT	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Printing Press	See Coating Operations		
<input type="checkbox"/> Publicly Owned Treatment Works Operations	<input type="checkbox"/> Rule 1179 (03/06/92) <input type="checkbox"/> 40 CFR60 SUBPART O	<input type="checkbox"/> Rule 1179(e) See Applicable Subpart	<input type="checkbox"/> Rule 1179(c) & (d) See Applicable Subpart
<input checked="" type="checkbox"/> Pumps	See Fugitive Emissions or Petroleum Refineries, Fugitive Emissions		

**NOTE:** The Fugitive Emissions boxes are not checked because the Facility does not belong to any of the following categories: Petroleum Refineries, Chemical Plant, Natural Gas Processing Plant, Oil & Gas Production Facility, Pipeline Transfer Station, as these categories are defined in Rule 1173. Fugitive emissions from the facility are reported in accordance with the District's annual emissions reporting requirements and other applicable regulations (EPA 40 CFR Part 98, Subpart W and CARB's Greenhouse Gas Emission Standards for Crude Oil and Natural Gas Facilities).

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**Section II - Applicable Requirements, Test Methods, & MRR Requirements**

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Recycling & Recovery Equipment for Ozone Depleting Substances (ODS),	<input type="checkbox"/> 40 CFR82 SUBPART F	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Refrigerant Reclaimers for Ozone Depleting Substances (ODS)	<input type="checkbox"/> 40 CFR82 SUBPART F	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Rendering Plant	<input type="checkbox"/> Rule 472 (05/07/76)	N/A	<input type="checkbox"/> Rule 472(b)
<input type="checkbox"/> Rock Crushing	See Nonmetallic Mineral Processing Plants		
<input type="checkbox"/> Secondary Aluminum Production	<input type="checkbox"/> 40 CFR63 SUBPART LL	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Semiconductor Manufacturing	See Manufacturing, Semiconductors		
<input type="checkbox"/> Sewage Treatment Plants	See Publicly Owned Treatment Works Operation		
<input type="checkbox"/> Site Remediation	<input type="checkbox"/> 40 CFR63 SUBPART GGGGG	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Smelting, Primary Copper	<input type="checkbox"/> 40 CFR63 SUBPART QQQ	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Smelting, Secondary Lead	<input type="checkbox"/> 40 CFR60 SUBPART L <input type="checkbox"/> 40 CFR63 SUBPART X	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Soil Decontamination / Excavation	<input type="checkbox"/> Rule 1166 (05/11/01) <input type="checkbox"/> 40 CFR63 SUBPART GGGGG	<input type="checkbox"/> Rule 1166(e) See Applicable Subpart	<input type="checkbox"/> Rule 1166(c)(1)(C) See Applicable Subpart
<input type="checkbox"/> Spray Booth	See Coating Operations		
<input type="checkbox"/> Sterilizer, Ethylene Oxide	<input type="checkbox"/> 40 CFR63 SUBPART O	See Applicable Subpart	See Applicable Subpart
<input checked="" type="checkbox"/> Storage Tank, Degassing Operation	<input checked="" type="checkbox"/> Rule 1149 (07/14/95) <input type="checkbox"/> 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart

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**Section II - Applicable Requirements, Test Methods, & MRR Requirements**

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input checked="" type="checkbox"/> Storage Tank, Greater Than 19,815 Gallon Capacity	<input checked="" type="checkbox"/> Rule 463 (05/06/05) <input type="checkbox"/> Rule 1178 (04/07/06) <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR60 SUBPART K <input type="checkbox"/> 40 CFR60 SUBPART Ka <input type="checkbox"/> 40 CFR60 SUBPART Kb <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40CFR63 SUBPART BBBB <input type="checkbox"/> 40 CFR63 SUBPART CC	<input checked="" type="checkbox"/> Rule 463(g) <input type="checkbox"/> Rule 1178(i) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 463(e)(5) <input type="checkbox"/> Rule 1178(h) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Synthetic Fiber Production Facilities	<input type="checkbox"/> 40 CFR60 SUBPART HHH	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Taconite Iron Ore Processing Facilities	<input type="checkbox"/> 40 CFR63 SUBPART RRRRR	See Applicable Subpart	See Applicable Subpart
<input checked="" type="checkbox"/> Turbine, Stationary Gas-Fired	<input checked="" type="checkbox"/> Rule 1134 (08/08/97) <input type="checkbox"/> Rule 475 (08/07/78) <input type="checkbox"/> 40 CFR60 SUBPART GG <input type="checkbox"/> 40 CFR60 SUBPART KKKK <input type="checkbox"/> 40 CFR63 SUBPART YYYY	<input checked="" type="checkbox"/> Rule 1134(e) & (g) <input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input checked="" type="checkbox"/> Rule 1134(d) & (f) See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Turbine, Stationary Oil-Fired	<input type="checkbox"/> 40 CFR63 SUBPART YYYY	See Applicable Subpart	See Applicable Subpart
<input checked="" type="checkbox"/> Valves	See Fugitive Emissions or Petroleum Refineries, Fugitive Emissions		
<input type="checkbox"/> Vessel, Refinery Process	<input type="checkbox"/> Rule 1123 (12/07/90)	N/A	<input type="checkbox"/> Rule 1123(c)
<input checked="" type="checkbox"/> Vessels	See Petroleum Refineries, Fugitive Emissions		

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**Section II - Applicable Requirements, Test Methods, & MRR Requirements**

Equipment/Process	Applicable Requirement	Test Method	MRR Requirement
<input type="checkbox"/> Wastewater, Chemical Plant	<input type="checkbox"/> Rule 464 (12/07/90) <input type="checkbox"/> Rule 1176 (09/13/96) <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR63 SUBPART CC	N/A <input type="checkbox"/> Rule 1176(h) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1176(f) & (g) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input checked="" type="checkbox"/> Wastewater Treatment, Other	<input type="checkbox"/> Rule 464 (12/07/90) <input checked="" type="checkbox"/> Rule 1176 (09/13/96)	N/A <input checked="" type="checkbox"/> Rule 1176(h)	<input checked="" type="checkbox"/> Rule 1176(f) & (g)
<input type="checkbox"/> Woodworking Operations	<input type="checkbox"/> Rule 1137 (02/01/02)	N/A	<input type="checkbox"/> Rule 1137(e)

**NOTE:** Boxes "Wastewater Treatment, Other" and "Rule 1176" were checked because two sump carbon adsorbers have Rule 1176 VOC limits.

**KEY ABBREVIATIONS:**

Reg. = AQMD Regulation  
 Rule = AQMD Rule

App. = Appendix  
 AQMD TM = AQMD Test Method

CFR = Code of Federal Regulations  
 CCR = California Code of Regulations



**Section IV - SIP-Approved Rules That Are Not The Most Current AQMD Rules**

Check off each SIP-Approved Rule as it applies to the facility. Use the blanks at the end of this form to fill-in new items.

SIP - Approved Rule	Adoption/ Amendment Date	Check (✓) If Applies	SIP - Approved Rule	Adoption/ Amendment Date	Check (✓) If Applies
401	03/02/84	<input checked="" type="checkbox"/>			<input type="checkbox"/>
431.2	05/04/90	<input checked="" type="checkbox"/>			<input type="checkbox"/>
461	6/3/05	<input checked="" type="checkbox"/>			<input type="checkbox"/>
466.1	05/02/80	<input type="checkbox"/>			<input type="checkbox"/>
469	04/07/76	<input type="checkbox"/>			<input type="checkbox"/>
475	10/08/76	<input type="checkbox"/>			<input type="checkbox"/>
1112	01/06/84	<input type="checkbox"/>			<input type="checkbox"/>
1112.1	2/7/86	<input type="checkbox"/>			<input type="checkbox"/>
1113	11/08/96	<input type="checkbox"/>			<input type="checkbox"/>
1117	1/6/83	<input type="checkbox"/>			<input type="checkbox"/>
1122	07/11/97	<input type="checkbox"/>			<input type="checkbox"/>
1132	03/05/04	<input type="checkbox"/>			<input type="checkbox"/>
1140	02/01/80	<input type="checkbox"/>			<input type="checkbox"/>
1146	11/17/00	<input checked="" type="checkbox"/>			<input type="checkbox"/>
1146.1	5/13/94	<input checked="" type="checkbox"/>			<input type="checkbox"/>
1151	12/11/98	<input type="checkbox"/>			<input type="checkbox"/>
1158	6/11/99	<input type="checkbox"/>			<input type="checkbox"/>
1162	11/17/00	<input type="checkbox"/>			<input type="checkbox"/>
1166	07/14/95	<input type="checkbox"/>			<input type="checkbox"/>
1171	11/07/03	<input checked="" type="checkbox"/>			<input type="checkbox"/>
1175	05/13/94	<input type="checkbox"/>			<input type="checkbox"/>
1186	09/10/99	<input type="checkbox"/>			<input type="checkbox"/>

**Section V - AQMD Rules That Are Not SIP-Approved (Continued on Following Page)**

Check off each AQMD Rule as it applies to the facility. Use the blanks at the end of this form to fill-in new items.

Non SIP - Approved Rule	Adoption/ Amendment Date	Check (✓) If Applies	Non SIP - Approved Rule	Adoption/ Amendment Date	Check (✓) If Applies
53 Los Angeles Co.	N/A	<input checked="" type="checkbox"/>	1192	06/16/00	<input type="checkbox"/>
53 Orange Co.	N/A	<input type="checkbox"/>	1193	07/09/10	<input type="checkbox"/>
53 Riverside Co.	N/A	<input type="checkbox"/>	1194	10/20/00	<input type="checkbox"/>
53 San Bernardino Co.	N/A	<input type="checkbox"/>	1195	05/05/06	<input type="checkbox"/>
53A San Bernardino Co.	N/A	<input type="checkbox"/>	1196	06/06/08	<input type="checkbox"/>
402	05/07/76	<input checked="" type="checkbox"/>	1401	09/10/10	<input checked="" type="checkbox"/>
429	12/21/90	<input type="checkbox"/>	1401.1	11/04/05	<input type="checkbox"/>
430	07/12/96	<input checked="" type="checkbox"/>	1402	03/04/05	<input checked="" type="checkbox"/>
441	05/07/76	<input type="checkbox"/>	1403	10/05/07	<input type="checkbox"/>
473	05/07/76	<input type="checkbox"/>	1404	04/06/90	<input type="checkbox"/>
477	04/03/81	<input type="checkbox"/>	1405	01/04/91	<input type="checkbox"/>
480	10/07/77	<input type="checkbox"/>	1406	07/08/94	<input type="checkbox"/>
1109	08/05/88	<input type="checkbox"/>	1407	07/08/94	<input type="checkbox"/>
1110.2	07/09/10	<input checked="" type="checkbox"/>	1411	03/01/91	<input type="checkbox"/>
1116.1	10/20/78	<input type="checkbox"/>	1414	05/03/91	<input type="checkbox"/>
1127	08/06/04	<input type="checkbox"/>	1415	10/14/94	<input type="checkbox"/>
1143	07/09/10	<input type="checkbox"/>	1418	09/10/99	<input type="checkbox"/>
1147	12/05/08	<input type="checkbox"/>	1420	09/11/92	<input type="checkbox"/>
1148.1	03/05/04	<input type="checkbox"/>	1420.1	11/05/10	<input type="checkbox"/>
1150	10/15/82	<input type="checkbox"/>	1421	12/06/02	<input type="checkbox"/>
1155	12/04/09	<input type="checkbox"/>	1425	03/16/01	<input type="checkbox"/>
1156	03/06/09	<input type="checkbox"/>	1426	05/02/03	<input type="checkbox"/>
1157	09/08/06	<input type="checkbox"/>			<input type="checkbox"/>
1163	06/07/85	<input type="checkbox"/>			<input type="checkbox"/>
1170	05/06/88	<input type="checkbox"/>			<input type="checkbox"/>
1183	03/12/93	<input type="checkbox"/>			<input type="checkbox"/>
1186.1	01/09/09	<input type="checkbox"/>			<input type="checkbox"/>
1191	06/16/00	<input type="checkbox"/>			<input type="checkbox"/>

**Section V - AQMD Rules That Are Not SIP-Approved (Continued on Following Page)**

Check off each AQMD Rule as it applies to the facility. Use the blanks at the end of this form to fill-in new items.

Non SIP - Approved Rule	Adoption/ Amendment Date	Check (✓) If Applies	Non SIP - Approved Rule	Adoption/ Amendment Date	Check (✓) If Applies
1469	12/05/08	<input type="checkbox"/>	2009.1	05/11/01	<input type="checkbox"/>
1469.1	03/04/05	<input type="checkbox"/>	2501	05/09/97	<input type="checkbox"/>
1470	06/01/07	<input type="checkbox"/>	2506	12/10/99	<input type="checkbox"/>
1472	03/07/08	<input type="checkbox"/>	222	5/5/17	<input checked="" type="checkbox"/>
2009	01/07/05	<input type="checkbox"/>	1148.2	9/4/15	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	1415.1	12/3/10	<input checked="" type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>



South Coast Air Quality Management District

**Form 500-H**

**Title V - Compliance Assurance Monitoring (CAM) Applicability Determination for Initial, Renewal, & Significant Permit Revision**



This form is required as part of an initial, significant permit revision, or renewal Title V application. If your Title V facility has control devices in use, the CAM rule may apply. Follow the instructions on the reverse side of this form to determine whether your facility is subject to CAM requirements.

**Mail To:**  
SCAQMD  
P.O. Box 4944  
Diamond Bar, CA 91765-0944

Tel: (909) 396-3385  
[www.aqmd.gov](http://www.aqmd.gov)

**Section I - Operator Information**

1. Facility Name (Business Name of Operator That Appears On Permit):

Southern California Gas Company

2. Valid AQMD Facility ID (Available On Permit Or Invoice Issued By AQMD):

800128

**Section II - CAM Status Summary for Emission Units**

3. Based on the criteria in the instructions (check one and attach additional pages as necessary):

a.  The emission units identified below are subject to the CAM rule<sup>1</sup> and a CAM plan<sup>2</sup> is attached for each affected emissions unit:

b.  There are no emission units with control devices at this Title V facility that are subject to the CAM rule.

Emission Unit <sup>3</sup> (Application, Permit or Device No.)	Equipment Description <sup>4</sup>	Uncontrolled Emissions		Connected to Control Unit <sup>3</sup> (Application, Permit or Device No.)	Equipment Description <sup>4</sup>	Controlled Emissions	
		Pollutant	PTE <sup>5</sup> (tons/year)			Pollutant	PTE <sup>5</sup> (tons/year)

<sup>1</sup> For more detailed information regarding the CAM rule applicability, refer to Title 40, Chapter I, Part 64, Section 64.1 of the Code of Federal Regulations (40 CFR Part 64, Section 64.1). This also can be accessed via the internet at: [http://www.access.gpo.gov/nara/cfr/waisidx\\_99/40cfr64\\_99.html](http://www.access.gpo.gov/nara/cfr/waisidx_99/40cfr64_99.html).

<sup>2</sup> Only one CAM plan is required for a control device that is common to more than one emissions unit, or if an emissions unit is controlled by more than one control device similar in design and operation. If the control devices are not similar in design and operation, one plan is required for each control device.

<sup>3</sup> List all new and existing emission units and the connected control devices either by AQMD application, permit or device number. When the emission unit is new and has not yet been assigned an application number, leave this column blank.

<sup>4</sup> Provide a brief equipment description of the emission units and control devices by indicating equipment type, make, and model and serial numbers as appropriate.

<sup>5</sup> Potential to Emit

## Instructions for Determining Applicability to the CAM Rule

With the exception of emission units that are municipally-owned backup utility power units as described by 40 CFR Part 64, Section 64.2(b)(2)<sup>1</sup>, the CAM rule is applicable to each emission unit (existing and new construction) at a Title V facility that meets ALL of the following criteria<sup>2</sup>:

1. The emission unit is subject to an emission limitation or standard<sup>3</sup> (often found in permit conditions);
2. The emission unit uses a control device to achieve compliance with the emission limitation or standard; and,
3. The emission unit has a potential to emit (PTE)<sup>4</sup>, either pre-control or post-control depending on the type of Title V application<sup>5</sup>, that exceeds or is equivalent to any of Title V major source thresholds shown in the following table:

<b>CAM Potential to Emit (PTE) Emission Threshold<sup>6</sup> For Individual Emission Units at a Title V Facility</b>			
<b>(tons per year)</b>			
<b>Pollutant</b>	<b>South Coast Air Basin (SOCAB)</b>	<b>Riverside County Portion of Salton Sea Air Basin (SSAB) and Los Angeles County Portion of Mojave Desert Air Basin (MDAB)</b>	<b>Riverside County Portion of Mojave Desert Air Basin (MDAB)</b>
VOC	10	25	100
NOx	10	25	100
SOx	100	100	100
CO	50	100	100
PM-10	70	70	100
1 HAP <sup>7</sup>	10	10	10
2+ HAPs	25	25	25

1 The facility must attach the documentation required by 40 CFR Part 64, Section 64.2 (b)(2) to demonstrate that the backup utility power unit only operates during periods of peak demand or emergency situations; and has actual emissions, averaged over the last three calendar years of operation, less than 50% of the major source emission thresholds.

2 Additional information about the CAM rule can be found on EPA's website at <http://www.epa.gov/ttnemc01/cam.html>.

3 Only emission limitations and standards from an "applicable requirement" for emission units with control devices are subject to the CAM rule. Applicable requirements are federally-enforceable requirements that are rules adopted by AQMD or the State that are approved by EPA into the State Implementation Plan (SIP) (i.e. "SIP-approved rules"). Refer to Form 500-C1 for the latest versions of SIP-approved and non-SIP approved rules.

For emissions units with control devices that are subject to following federally enforceable requirements, the CAM rule does NOT apply: 1) NSPS (40 CFR Part 60); 2) NESHAP (40 CFR Parts 61 and 63); 3) Title VI of the Federal Clean Air Act (CAA) for Stratospheric Ozone Protection; 4) Title IV of the CAA and SCAQMD Regulation XXXI for Acid Rain facilities; 5) SCAQMD Regulation XX – RECLAIM; 6) Any emission cap that is federally enforceable, quantifiable, and meets the requirements in 40 CFR Part 70, Section 70.4 (b)(12); and 6) Emission limitation or standards for which a continuous compliance determination method is required.

4 To calculate the pre-control device and post-control device PTE for emission units at the facility, refer to the Title V Technical Guidance Document Version 4 .0, Appendix A (pages A-12 through A-23). The calculations are used to determine the CAM applicability according to 40 CFR Part 64, Section 64.5 of the CAM rule.

5 For initial Title V or significant permit revision applications submitted after April 20, 1998, use the post-control device PTE emissions to determine CAM applicability. For Title V permit renewal applications (submittals will begin in 2002), the CAM applicability will be based on the pre-control device PTE.

6 The following table is based on Rule 3001 (Amended November 14, 1997) and Rule 3008 (Amended March 16, 2001). Please be advised that the threshold values are subject to change based on rule amendments.

7 Hazardous Air Pollutant



# Public Notice – Routing Checklist

21865 Copley Drive, Diamond Bar, CA 91765-4182  
Phone: (909)396-2000

Company Name: Southern California Gas Co, Aliso Canyon

Facility ID: 800128

Application No: 604230

RECLAIM Facility?     YES     NO

County:     Los Angeles     Orange     San Bernardino     Riverside

**Reasons for Public Notice**  
(Please check all appropriate boxes)

- Title V Notice:  
(Check applicable box)
  - Initial Title V Permit
  - Significant Revision
  - Renewal *AYC 10/21/18*

**And / Or**

- Subject to Rule 212 or Rule 1310 due to:  
(Check all applicable boxes)
  - Permit unit located within 1,000 feet of the outer boundary of a school
  - Risk from permit unit is greater than 1 in a million and from the facility is greater than 10 in a million
  - Emissions greater than the thresholds identified in Rule 212(g)
  - Issuance of ERC above the emission threshold levels in Rule 1310(c)
  - Issuance of Short Term Credits (STCs')

**OTHER**

- Proposed Rule 1118 Flare Minimization Plan     Rule 1714 Comments.     Public Consultation Meeting

**Newspaper Public Notice Dates: (MM/DD/YYYY)**

Publication Date: 10/09/2018

Public Hearing Request Due Date: 10/24/2018

Written Comments Due Date: 11/08/2018