



FACILITY PERMIT TO OPERATE

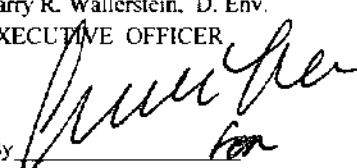
**SO CAL GAS CO
12801 TAMPA AVE
NORTHRIDGE, CA 91326**

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.

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

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



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

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**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: J. BRET LANE

TITLE: SENIOR VP GAS OPERATIONS

TELEPHONE NUMBER: (213) 244-2400

CONTACT PERSON: JOHN P. CLARKE

TITLE: AIR QUALITY SPECIALIST

TELEPHONE NUMBER: (818) 700-3812

TITLE V PERMIT ISSUED: November 19, 2013

TITLE V PERMIT EXPIRATION DATE: November 18, 2018

TITLE V RECLAIM

| | | |
|------------|---------------|----------------|
| YES | NOx: | YES |
| | SOx: | NO |
| | CYCLE: | 1 |
| | ZONE: | COASTAL |



FACILITY PERMIT TO OPERATE SO CAL GAS CO

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NO_x RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NO_x 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 | NO _x RTC Initially Allocated | NO _x RTC ¹ Holding as of 01/01/2016 (pounds) | Non-Tradable ² Non-Usable RTCs (pounds) |
|-----------------------------------|---------|---|---|---|
| 7/2013 6/2014 | Coastal | 0 | 0 | 0 |
| 7/2013 6/2014 | Inland | 0 | 0 | 0 |
| 1/2014 12/2014 | Coastal | 110916 | 0 | 0 |
| 7/2014 6/2015 | Coastal | 0 | 209215 | 0 |
| 1/2014 12/2014 | Inland | 0 | 1943 | 0 |
| 1/2015 12/2015 | Coastal | 110916 | 120227 | 0 |
| 7/2015 6/2016 | Coastal | 0 | 214215 | 0 |
| 1/2015 12/2015 | Inland | 0 | 82200 | 0 |
| 1/2016 12/2016 | Coastal | 110916 | 111931 | 8296 |
| 7/2016 6/2017 | Coastal | 0 | 222709 | 16506 |
| 1/2017 12/2017 | Coastal | 110916 | 111931 | 0 |
| 7/2017 6/2018 | Coastal | 0 | 222709 | 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 |

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.



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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 ¹ Holding as of 01/01/2016 (pounds) | Non-Tradable ² Non-Usable RTCs (pounds) |
|-----------------------------------|---------|-----------------------------------|---|---|
| 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 |
| 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 |

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.



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SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NO_x RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NO_x 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 | NO _x RTC Initially Allocated | NO _x RTC ¹ Holding as of 01/01/2016 (pounds) | Non-Tradable ² Non-Usable RTCs (pounds) |
|-----------------------------------|---------|---|---|---|
| 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 |

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.



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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 Credits(NTC) (pounds) |
|-----------------------|---------|---------|---------------------------------|--|
| Begin (month/year) | End | | Starting Allocation (pounds) | |
| 1/1994 | 12/1994 | Coastal | 512430 | 255761 |



**FACILITY PERMIT TO OPERATE
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SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)



**FACILITY PERMIT TO OPERATE
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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 |
|---|--------|--------------|---|--|---|
| Process 1: INTERNAL COMBUSTION | | | | | |
| 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, 9-7-2012]; NOX: 20 PPMV NATURAL GAS (3) [RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV NATURAL GAS (5A) [RULE 1110.2, 2-1-2008; RULE 1110.2, 9-7-2012]; VOC: 200 PPMV NATURAL GAS (5) [RULE 1303(b)(2)-Offset, 5-10-1996] | A99.1, C1.11, C10.1, D12.1, D12.5, D12.7, E115.1, E448.2, E448.3, E448.5, H23.13, H23.14, 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.



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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 |
|---|--------|--------------|---|---|---|
| Process 1: INTERNAL COMBUSTION | | | | | |
| 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 1110.2, 6-3-2005; RULE 1110.2, 2-1-2008]; CO: 250 PPMV NATURAL GAS (5) [RULE 1110.2, 6-3-2005; RULE 1110.2, 2-1-2008]; NOX: 20 PPMV NATURAL GAS (3) [RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV NATURAL GAS (5A) [RULE 1110.2, 6-3-2005; RULE 1110.2, 2-1-2008]; 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, H23.14, 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

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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 |
|---|--------|--------------|---|--|--|
| Process 1: INTERNAL COMBUSTION | | | | | |
| 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, 9-7-2012]; NOX: 20 PPMV NATURAL GAS (3) [RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5A) [RULE 1110.2, 2-1-2008; RULE 1110.2, 9-7-2012]; 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, E448.5, H23.13, H23.14, 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
(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.



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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 |
|---|--------|--------------|---|--|--|
| Process 1: INTERNAL COMBUSTION | | | | | |
| 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, 9-7-2012]; NOX: 20 PPMV NATURAL GAS (3) [RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV NATURAL GAS (5A) [RULE 1110.2, 2-1-2008; RULE 1110.2, 9-7-2012]; 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, E448.5, H23.13, H23.14, 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, 6-3-2005; RULE 1110.2, 2-1-2008]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 6-3-2005; RULE 1110.2, 2-1-2008] | D82.1, H23.16 |
| CO OXIDATION CATALYST, PLATINUM BASED | C223 | D6 | | | |

* (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.



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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 |
|---|--------|--------------|---|---|---------------|
| Process 1: INTERNAL COMBUSTION | | | | | |
| 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, 6-3-2005; RULE 1110.2, 2-1-2008]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 6-3-2005; RULE 1110.2, 2-1-2008] | 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, 6-3-2005; RULE 1110.2, 2-1-2008]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 6-3-2005; RULE 1110.2, 2-1-2008] | 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, 6-3-2005; RULE 1110.2, 2-1-2008]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 (5) [RULE 1110.2, 6-3-2005; RULE 1110.2, 2-1-2008] | D82.1, H23.16 |
| CO OXIDATION CATALYST, PLATINUM BASED | C226 | D9 | | | |

- * (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.



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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 |
|---|-------------------------------------|-------------------------------------|---|---|---------------|
| Process 1: INTERNAL COMBUSTION | | | | | |
| 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 CO OXIDATION CATALYST, PLATINUM BASED | D10 C227 | C227 D10 | NOX: MAJOR SOURCE** | CO: 250 PPMV NATURAL GAS (5) [RULE 1110.2, 6-3-2005; RULE 1110.2, 2-1-2008]; PM: (9) [RULE 404, 2-7-1986]; VOC: 30 PPMV (5) [RULE 1110.2, 6-3-2005; RULE 1110.2, 2-1-2008] | D82.1, H23.16 |
| GAS TURBINE, NO. K-25, NATURAL GAS, GENERAL ELECTRIC, MODEL LM1500, 15,200 HP, 150 MMBTU/HR WITH A/N: 399080 COMPRESSOR, CLARK MODEL 272B | D14 | | NOX: MAJOR SOURCE** | CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 50 LBS/HR NATURAL GAS (7) [RULE 2005, 4-20-2001]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981] | E193.1, H23.4 |
| GAS TURBINE, NO.K-26, NATURAL GAS, GENERAL ELECTRIC, MODEL LM1500, 15,200 HP, 150 MMBTU/HR WITH A/N: 399081 COMPRESSOR, CLARK MODEL 272B | D15 | | NOX: MAJOR SOURCE** | CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 50 LBS/HR NATURAL GAS (7) [RULE 2005, 4-20-2001]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981] | E193.1, H23.4 |

- * (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
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- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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** 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 |
|--|--------|--------------|---|--|--|
| Process 1: INTERNAL COMBUSTION | | | | | |
| GAS TURBINE, NO.K-27, NATURAL GAS, GENERAL ELECTRIC, MODEL LM1500, 15,200 HP, 150 MMBTU/HR WITH A/N: 399082 COMPRESSOR, CLARK MODEL 272B | D16 | | NOX: MAJOR SOURCE** | CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 50 LBS/HR NATURAL GAS (7) [RULE 2005, 4-20-2001]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981] | E193.1, H23.4 |
| INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, RICH BURN, NATURAL GAS, GENERAC, MODEL 6.8GNGD-100, NATURALLY ASPIRATED, 10 CYLINDERS, DRIVING AN EMERGENCY GENERATOR, 147 BHP WITH A/N: NON-SELECTIVE CATALYTIC REDUCTION, GENERAC, MODEL NO. 0D5027A, WITH AIR FUEL RATIO CONTROLLER, MODEL NO. 0H2957B | D215 | | NOX: PROCESS UNIT** | CO: 2 GRAM/BHP-HR NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; NOX: 1.5 GRAM/BHP-HR NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; NOX: 394.86 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; VOC: 1 GRAM/BHP-HR NATURAL GAS (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; 40CFR 60 Subpart JJJJ, 1-18-2008] | C1.8, D12.1, E115.2, E175.2, E448.4, H23.17, K67.9, K67.10 |

* (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

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|--|--|
| Process 1: INTERNAL COMBUSTION | | | | | |
| INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, RICH BURN, NATURAL GAS, GENERAC, MODEL 6.8GNGD-100, NATURALLY ASPIRATED, 10 CYLINDERS, DRIVING AN EMERGENCY GENERATOR, 147 BHP WITH A/N: NON-SELECTIVE CATALYTIC REDUCTION, GENERAC, MODEL NO. 0D5027A, WITH AIR FUEL RATIO CONTROLLER, MODEL NO. 0H2957B | D217 | | NOX: PROCESS UNIT** | CO: 2 GRAM/BHP-HR NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; NOX: 1.5 GRAM/BHP-HR NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; NOX: 394.86 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; VOC: 1 GRAM/BHP-HR NATURAL GAS (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; 40CFR 60 Subpart JJJJ, 1-18-2008] | C1.8, D12.1, E115.2, E175.2, E448.4, H23.17, K67.9, K67.10 |

* (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 |
|---|--------|--------------|---|--|--|
| Process 1: INTERNAL COMBUSTION | | | | | |
| INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, RICH BURN, NATURAL GAS, GENERAC, MODEL 6.8GNGD-130, NATURALLY ASPIRATED, 10 CYLINDERS, DRIVING AN EMERGENCY GENERATOR, 189 BHP WITH A/N: NON-SELECTIVE CATALYTIC REDUCTION, GENERAC, MODEL NO. 0D5027A, WITH AIR FUEL RATIO CONTROLLER, MODEL NO. 0H2957B | D218 | | NOX: PROCESS UNIT** | CO: 2 GRAM/BHP-HR NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; NOX: 1.5 GRAM/BHP-HR NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; NOX: 349.64 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; VOC: 1 GRAM/BHP-HR NATURAL GAS (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; 40CFR 60 Subpart JJJJ, 1-18-2008] | C1.8, D12.1, E115.2, E175.2, E448.4, H23.17, K67.9, K67.10 |

* (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 |
|---|--------|--------------|---|--|--|
| Process 1: INTERNAL COMBUSTION | | | | | |
| INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, RICH BURN, NATURAL GAS, GENERAC, MODEL 13.3GTA-250, NATURALLY ASPIRATED, 10 CYLINDERS, DRIVING AN EMERGENCY GENERATOR, 385 BHP WITH A/N: NON-SELECTIVE CATALYTIC REDUCTION, GENERAC, MODEL NO. 0D5027A, WITH AIR FUEL RATIO CONTROLLER, MODEL NO. 0H2957B | D219 | | NOX: PROCESS UNIT** | CO: 2 GRAM/BHP-HR NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; NOX: 1.5 GRAM/BHP-HR NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; NOX: 369.13 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; VOC: 1 GRAM/BHP-HR NATURAL GAS (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; 40CFR 60 Subpart JJJJ, 1-18-2008] | CI.8, D12.1, E115.2, E175.2, E448.4, H23.17, K67.9, K67.10 |
| Process 2: PETROLEUM STORAGE TANKS | | | | | P13.1 |
| 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 | | | | |

* (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
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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 |
|--|--------|--------------|---|--------------------------------|----------------------|
| Process 2: PETROLEUM STORAGE TANKS | | | | | P13.1 |
| 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 |
| 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 |

- * (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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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 |
|--|--------|--------------|---|---------------------------------|--------------|
| Process 2: PETROLEUM STORAGE TANKS | | | | | P13.1 |
| 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 |
| 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 |

* (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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|--|--------|--------------|---|--|-------------------------|
| Process 2: PETROLEUM STORAGE TANKS | | | | | P13.1 |
| 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. T2964, 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 |
| Process 4: NATURAL GAS DISTRIBUTION PROCESS | | | | | |
| System 2: GAS ODORIZATION - PORTER | | | | | |
| 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 | | H2S: 16 PPMV (5) [RULE 431.1, 6-12-1998] | D90.1, E153.1, K67.3 |
| ODORANT DISPENSING EQUIPMENT A/N: 482622 | D202 | | | | |
| System 3: GAS ODORIZATION - DEHY 1 | | | | | |
| 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 | | H2S: 16 PPMV (5) [RULE 431.1, 6-12-1998] | D90.1, E153.1, K67.3 |

- * (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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|--|--------|--------------|---|--|-------------------------|
| Process 4: NATURAL GAS DISTRIBUTION PROCESS | | | | | |
| ODORANT DISPENSING EQUIPMENT A/N: 482615 | D203 | | | | |
| System 4: GAS ODORIZATION - DEHY 2 | | | | | |
| 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 | | H2S: 16 PPMV (5) [RULE 431.1, 6-12-1998] | D90.1, E153.1, K67.3 |
| Process 5: OIL/GAS/WATER SEPARATION PROCESS | | | | | |
| System 1: DEHYDRATION PLANT 1 | | | | | |
| 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, 5-11-2001; RULE 2012, 12-5-2003]; 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 | | | |

* (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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FACILITY PERMIT TO OPERATE SO CAL GAS CO

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|---|--------|--------------|---|--|-----------------------|
| Process 5: OIL/GAS/WATER SEPARATION PROCESS | | | | | |
| 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 | | | |
| 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 | | | |
| System 2: DEHYDRATION PLANT 2 | | | | | |
| 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, 12-5-2003; RULE 2012, 1-7-2005]; 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 | | | |
| SUMP, DRAINAGE, 3-COMPARTMENT, COVERED, WIDTH: 5 FT ; HEIGHT: 14 FT ; LENGTH: 10 FT A/N: 244294 | D77 | C78 | | | |

- * (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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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 |
|--|--------|--------------|---|---|--------------|
| Process 5: OIL/GAS/WATER SEPARATION PROCESS | | | | | |
| CARBON ADSORBER, 150 LBS A/N: 244294 | C78 | D77 | | VOC: 500 PPMV (5) [RULE 1176, 9-13-1996] | D90.2, K67.4 |
| DRUM, V-46, PRIMARY FLASH DRUM, HEIGHT: 12 FT ; DIAMETER: 4 FT A/N: 244294 | D108 | | | | |
| System 3: WATER CLARIFICATION | | | | | |
| 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 |
| Process 6: EXTERNAL COMBUSTION BOILER | | | | | |
| 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, 11-17-2000]; CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 47.75 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981] | D332.1 |

* (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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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 |
|--|--------|--------------|---|--|---------------------|
| Process 6: EXTERNAL COMBUSTION BOILER | | | | | |
| 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]; CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981] | D332.2 |
| HEATER, LIQUID HEATER NO.1, 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, 11-17-2000]; 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, 5-11-2001; RULE 2012, 12-5-2003]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981] | D12.2, D28.2, E80.1 |

- * (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

** 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 |
|--|--------|--------------|---|---|------------------------|
| Process 6: EXTERNAL COMBUSTION BOILER | | | | | |
| HEATER, LIQUID HEATER NO. 2, 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 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, 11-17-2000]; 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, 5-11-2001; RULE 2012, 12-5-2003]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981] | D12.2, D28.2, E80.2 |

* (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 |
|---|--------|--------------|---|--|--------------|
| Process 6: EXTERNAL COMBUSTION BOILER | | | | | |
| HEATER, LIQUID HEATER NO. 3, NATURAL GAS, AMERICAN HEATER COMPANY, MODEL AHE-650, 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 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, 11-17-2000]; 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, 5-11-2001; RULE 2012, 12-5-2003]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981] | D12.2, D28.2 |
| Process 9: CONSUMER FLEET REFUELING | | | | | |

| | |
|--|--|
| <ul style="list-style-type: none"> * (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 | <ul style="list-style-type: none"> (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 |
|---|--------|--------------|---|---------------------------------|-------------------------------------|
| Process 9: CONSUMER FLEET REFUELING | | | | | |
| 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 |
| Process 11: FUGITIVE EMISSIONS | | | | | |
| FUGITIVE EMISSIONS, DRAINS A/N: 298461 | D174 | | | | |
| Process 12: VAPOR RECOVERY SYSTEMS | | | | | |
| System 2: VAPOR RECOVERY SYSTEM 2 (SHALLOW ZONE) | | | | | |
| COMPRESSOR, VAPOR RECOVERY, ELECTRICALLY DRIVEN A/N: 298458 | C151 | D139 D140 | | | |
| System 3: VAPOR RECOVERY SYSTEM 3 (SESNON STORAGE) | | | | | |

- * (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 |
|---|--------|---------------------------------------|---|---|---------------------------------|
| Process 12: VAPOR RECOVERY SYSTEMS | | | | | |
| 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 | | | |
| System 4: VAPOR RECOVERY SYSTEM 4 (LIMEKILN) | | | | | |
| 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 | | | |
| System 5: VAPOR RECOVERY SYSTEM 5 (PORTER GATHERING PLANT & WATER PLANT) | | | | | |
| 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 | | | |
| System 6: VAPOR RECOVERY SYSTEM PORTABLE (INTRA-FACILITY) | | | | | |
| CARBON ADSORBER, WESTATES, MODEL 400, PORTABLE (INTRA-FACILITY), 400 LBS A/N: 482614 | C195 | | | H2S: 16 PPMV NATURAL GAS (5) [RULE 431.1, 6-12-1998] | D90.1, E153.1, H23.15, K67.3 |
| CARBON ADSORBER, WESTATES, MODEL 400, PORTABLE (INTRA-FACILITY), 400 LBS A/N: 482614 | C205 | | | H2S: 16 PPMV NATURAL GAS (5) [RULE 431.1, 6-12-1998] | 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 |
|--|--------|--------------|---|--|------------------------------|
| Process 12: VAPOR RECOVERY SYSTEMS | | | | | |
| CARBON ADSORBER, WESTATES, MODEL 400, PORTABLE (INTRA-FACILITY), 400 LBS A/N: 499345 | C206 | | | H2S: 16 PPMV NATURAL GAS (5) [RULE 431.1, 5-6-1983] | D90.1, E153.1, H23.15, K67.3 |
| CARBON ADSORBER, WESTATES, MODEL 400, PORTABLE (INTRA-FACILITY), 400 LBS A/N: 499345 | C207 | | | H2S: 16 PPMV NATURAL GAS (5) [RULE 431.1, 6-12-1998] | D90.1, E153.1, H23.15, K67.3 |
| CARBON ADSORBER, WESTATES, MODEL 400, PORTABLE (INTRA-FACILITY), 400 LBS A/N: 499346 | C208 | | | H2S: 16 PPMV NATURAL GAS (5) [RULE 431.1, 6-12-1998] | D90.1, E153.1, H23.15, K67.3 |
| CARBON ADSORBER, WESTATES, MODEL 400, PORTABLE (INTRA-FACILITY), 400 LBS A/N: 499346 | C209 | | | H2S: 16 PPMV NATURAL GAS (5) [RULE 431.1, 6-12-1998] | D90.1, E153.1, H23.15, K67.3 |
| Process 13: BULK OIL LOADING FACILITY | | | | | |
| 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 |
| Process 14: R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES | | | | | |
| RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS | E169 | | | VOC: (9) [RULE 1113, 11-8-1996; RULE 1113, 12-5-2003; RULE 1171, 8-2-2002; RULE 1171, 11-7-2003] | K67.7 |
| RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS | E172 | | | | |
| RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS | E173 | | | | H23.2 |

- * (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 |
|---|--------|--------------|---|--------------------------------|------------------------|
| Process 15: ARCHITECTURAL COATINGS | | | | | |
| SPRAY COATING OPERATION A/N: 171905 | D193 | | | | C1.7, H23.12, K67.7 |

- * (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: 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

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| 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 |
| D14 | 6 | 1 | 0 |
| D15 | 6 | 1 | 0 |
| D16 | 7 | 1 | 0 |
| D22 | 10 | 2 | 0 |
| D23 | 10 | 2 | 0 |
| D25 | 11 | 2 | 0 |
| D27 | 11 | 2 | 0 |
| D29 | 11 | 2 | 0 |
| D31 | 11 | 2 | 0 |
| D32 | 11 | 2 | 0 |
| D33 | 11 | 2 | 0 |
| D35 | 12 | 2 | 0 |
| D36 | 12 | 2 | 0 |
| D76 | 15 | 5 | 2 |
| D77 | 15 | 5 | 2 |
| C78 | 16 | 5 | 2 |
| D83 | 16 | 6 | 0 |
| D84 | 17 | 6 | 0 |
| D91 | 20 | 9 | 0 |
| D92 | 20 | 9 | 0 |
| C93 | 14 | 5 | 1 |
| D97 | 14 | 5 | 1 |
| C98 | 15 | 5 | 2 |
| D99 | 14 | 5 | 1 |
| C100 | 15 | 5 | 1 |
| D106 | 15 | 5 | 1 |



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

SECTION D: DEVICE ID INDEX

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| D108 | 16 | 5 | 2 |
| D115 | 15 | 5 | 1 |
| D116 | 15 | 5 | 1 |
| D134 | 13 | 2 | 0 |
| D136 | 13 | 2 | 0 |
| D137 | 16 | 5 | 3 |
| D138 | 16 | 5 | 3 |
| D139 | 12 | 2 | 0 |
| D140 | 12 | 2 | 0 |
| D141 | 12 | 2 | 0 |
| D142 | 12 | 2 | 0 |
| C151 | 20 | 12 | 2 |
| C152 | 21 | 12 | 3 |
| C163 | 21 | 12 | 3 |
| C164 | 21 | 12 | 4 |
| D168 | 22 | 13 | 0 |
| E169 | 22 | 14 | 0 |
| E172 | 22 | 14 | 0 |
| E173 | 22 | 14 | 0 |
| D174 | 20 | 11 | 0 |
| D175 | 17 | 6 | 0 |
| D176 | 18 | 6 | 0 |
| D177 | 19 | 6 | 0 |
| C181 | 1 | 1 | 0 |
| C182 | 2 | 1 | 0 |
| C183 | 3 | 1 | 0 |
| C184 | 4 | 1 | 0 |
| C189 | 21 | 12 | 5 |
| C190 | 21 | 12 | 5 |
| C192 | 21 | 12 | 4 |
| D193 | 23 | 15 | 0 |
| C195 | 21 | 12 | 6 |
| D196 | 13 | 4 | 2 |
| D197 | 13 | 4 | 3 |
| D198 | 14 | 4 | 4 |



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

SECTION D: DEVICE ID INDEX

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| C199 | 13 | 4 | 2 |
| C200 | 13 | 4 | 3 |
| C201 | 14 | 4 | 4 |
| D202 | 13 | 4 | 2 |
| D203 | 14 | 4 | 3 |
| D204 | 14 | 4 | 4 |
| C205 | 21 | 12 | 6 |
| C206 | 22 | 12 | 6 |
| C207 | 22 | 12 | 6 |
| C208 | 22 | 12 | 6 |
| C209 | 22 | 12 | 6 |
| D215 | 7 | 1 | 0 |
| D217 | 8 | 1 | 0 |
| D218 | 9 | 1 | 0 |
| D219 | 10 | 1 | 0 |
| C223 | 4 | 1 | 0 |
| C224 | 5 | 1 | 0 |
| C225 | 5 | 1 | 0 |
| C226 | 5 | 1 | 0 |
| C227 | 6 | 1 | 0 |
| D228 | 20 | 9 | 0 |
| D229 | 20 | 9 | 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.

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

[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 |



**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, 7-14-1995]

[Processes subject to this condition : 2]

DEVICE CONDITIONS

A. Emission Limits

A99.1 The 250 PPM CO emission limit(s) shall not apply until July 1, 2010.

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D1]

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.



**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 2012, 5-11-2001; RULE 2012, 12-5-2003]

[Devices subject to this condition : C93, C98]

- C1.7 The operator shall limit the coating and solvent usage to no more than 6.5 gallon(s) per day.

[RULE 1113, 11-8-1996; RULE 1113, 6-9-2006]

[Devices subject to this condition : D193]

- C1.8 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

For the purpose of this condition, this limit shall include no more than 50 hours in any one year for maintenance and testing and no more than 4.2 hours in any one month for maintenance and testing.

[RULE 1303(b)(2)-Offset, 12-6-2002]

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

- 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 he previous calendar year to the Executive Officer on or before March 1 following each calendar year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 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 : 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]

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.



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 1110.2, 11-14-1997; 40CFR 63 Subpart ZZZZ, 4-20-2006]

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

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, 11-14-1997; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]

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

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, 5-11-2001; RULE 2012, 12-5-2003]

[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.

[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.



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

[RULE 1110.2, 6-3-2005; 40CFR 63 Subpart ZZZZ, 4-20-2006]

[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]

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

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 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.

The test shall be conducted to determine the CO 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, 5-13-1994; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

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



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

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 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.

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

[Devices subject to this condition : C78, C100]



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

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]

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)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : 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 1146.1 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)-Periodic Monitoring, 12-12-1997]



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

[Devices subject to this condition : D84]

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 [Boiler, Liquid Heater No. 2, Natural 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 : 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, NATURAL 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]



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

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, 9-7-2012; RULE 2012, 12-7-1995]

[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]

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

[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]



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

[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**]

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

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; RULE 462, 5-14-1999**]

[Devices subject to this condition : D168]



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

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]

E193.1 The operator shall restrict the operation of this equipment as follows:



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

NOx emissions from this equipment shall not exceed a maximum hour emissions limit for this equipment of 50 pounds per hour as measured and reported pursuant to Rule 2012. The purpose of this condition is to ensure compliance with Rule 2005 (d) where post-modification emissions must not exceed pre-modification maximum hourly potential to emit.

This condition is to reiterate ongoing AQMD's practice that equipment specified in the equipment description section represents maximum hourly rate. For this equipment, 150 mm btu/hr represents the maximum heat input rate for this turbine.

For the purposes of identification, an identification plate will be permanently affixed to each turbine displaying information that clearly identifies each turbine as follows:

Device No. D14, Turbine ID K-25, General Electric Identification No. 7LM1500-GB101

Device No. D15, Turbine ID K-26, General Electric Identification No. 7LM1500-GB102

Device NO. D16, Turbine ID K-27, General Electric Identification No. 7LM1500-GB101

[RULE 2005, 4-20-2001; RULE 2005, 5-6-2005; RULE 2012, 12-5-2003; RULE 2012, 1-7-2005]

[Devices subject to this condition : D14, D15, D16]

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



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

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% O2 and using NSCR.

[40 CFR 63.6615 and 63.6620]

[40CFR 63 Subpart ZZZZ, 1-18-2008]

[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 63SubpartZZZZ, 3-9-2011]

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

E448.4 The operator shall comply with the following requirements:



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

The applicant shall change the oil/filter and inspect hoses and belts after every 500 hours or annually whichever comes first. The applicant shall inspect the spark plugs after every 1,000 hours or annually whichever comes first.

Records shall be maintained according to 40 CFR 63.6655(a) and (e). All records required by these devices shall be retained for a minimum of five years, and shall be made available to any District representative upon request.

[40 CFR 63.6625(j); 40 CFR 63.6655(a); 40 CFR 63.6655(e)]

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

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, 2-1-2008**; RULE 1110.2, 9-7-2012; **RULE 2012, 5-6-2005**]

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

H. Applicable Rules

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

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| VOC | District Rule | 463 |



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

[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]

H23.2 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|--------------|------------------|--------------|
| Refrigerants | District Rule | 1415 |
| Refrigerants | 40CFR82, SUBPART | F |

[RULE 1415, 10-14-1994; 40CFR 82 Subpart F, 5-14-1993]

[Devices subject to this condition : 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, 8-8-1997]

[Devices subject to this condition : D14, D15, D16]

H23.12 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| VOC | District Rule | 1113 |



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

[RULE 1113, 11-8-1996; RULE 1113, 6-9-2006]

[Devices subject to this condition : D193]

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, 6-15-2004]

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

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, 2-1-2008; RULE 1110.2, 9-7-2012]

[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 |



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

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.

[RULE 1149, 7-14-1995; RULE 1176, 5-13-1994]

[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, 9-7-2012]

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

H23.17 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| H2S | District Rule | 431.1 |

[RULE 431.1, 6-12-1998]



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

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

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, 4-21-2000; RULE 461, 1-9-2004]

[Devices subject to this condition : D91]

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, 4-21-2000; RULE 461, 1-9-2004]

[Devices subject to this condition : D92]

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



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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 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 or by facsimile at



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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 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



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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.

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



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

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 perviously 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.

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 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, 9-8-1995; RULE 461, 6-15-2001]



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

[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]

[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]



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

[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):

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, D193]

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, 4-20-2006**]

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



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

K67.9 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

AN ENGINE OPERATING LOG SHALL BE KEPT AND SHALL DOCUMENT THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS A) EMERGENCY USE, B) MAINTENANCE AND TESTING, AND C) OTHER (DESCRIBE REASON FOR OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TIME METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION..

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; 40CFR 60 Subpart JJJJ, 1-18-2008]

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

K67.10 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:

THE GAS OPERATION POWER SHUTOFF (GOPS) WEATHER PARAMETERS SHALL BE REVIEWED ONCE ANNUALLY BY THE ALISO CANYON STORAGE FACILITY STAFF AND SOCALGAS' ENGINEERING DEPARTMENT TO DETERMINE IF SUCH PARAMETERS NEED REVISION OR DELETION, OR IF NEW PARAMETERS SHOULD BE INCLUDED. AN AMENDED PERMIT TO CONSTRUCT/OPERATE SHALL BE SUBMITTED TO AQMD IF REVISIONS ARE INCORPORATED INTO THE EXISTING GOPS HAZARDOUS WEATHER PARAMETERS

AT THE TIME OF GOPS DECLARATION, THE GAS CONTROL DEPARTMENT SUPERVISOR WILL NOTIFY THE ON DUTY SUPERVISOR FOR ALISO CANYON STORAGE FACILITY OF THE OCCURRENCE OF SUCH EVENT. THE ALISO CANYON ON-DUTY SUPERVISOR WILL RECORD TIME AND DATE OF NOTIFICATION AND ACTUAL TIME TO FULLY IMPLEMENT GOPS. WRITTEN RECORDS OF DATE, TIME, AND SUPERVISORY NOTIFICATIONS SHALL BE MAINTAINED AND KEPT ON FILE FOR A PERIOD OF 5 YEARS AND SHALL BE MADE AVAILABLE TO AQMD STAFF UPON REQUEST

UPON START-UP OF EACH EMERGENCY ELECTRICAL GENERATOR, THE ALISO CANYON FACILITY OPERATIONS PERSONNEL SHALL KEEP WRITTEN RECORDS OF THE DATE AND TIME OF THE INITIAL START-UP AS WELL AS THE TOTAL OPERATIONAL TIME OF EACH GENERATOR. SOCALGAS SHALL MAINTAIN THESE RECORDS FOR A PERIOD OF 5 YEARS AND MAKE SUCH RECORDS AVAILABLE TO AQMD STAFF UPON REQUEST

GAS CONTROL DEPARTMENT WILL MONITOR WIND SPEED AND UPON TWO CONSECUTIVE HOURS THAT WIND SPEED READINGS OF 21 MPH OR LESS HAS BEEN ACHIEVED, THE GAS CONTROL DEPARTMENT WILL NOTIFY THE ON-DUTY SUPERVISOR THAT THE GOPS EVENT IS OVER

UPON TERMINATION OF THE GOPS EVENT AND WHEN IT IS SUBSEQUENTLY DEEMED SAFE, SOCALGAS SHALL CONDUCT A COMPLETE VISUAL INSPECTION OF THE OVERHEAD LINES AND POWER POLES USING QUALIFIED PERSONNEL TO ENSURE THAT THERE IS NO DAMAGE TO THE GRID, POWER POLES, OR ANY UNSAFE CONDITIONS. THE VISUAL



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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

INSPECTION PERIOD SHALL NOT EXCEED 8 HOURS. THE ON DUTY SUPERVISOR SHALL KEEP WRITTEN RECORDS OF THE DATE, TIME, ELAPSED TIME, AND NATURE OF THE REPAIRS MADE.

THE RECORDS SHALL BE MAINTAINED FOR A PERIOD OF 5 YEARS AND SHALL BE MADE AVAILABLE TO AQMD STAFF UPON REQUEST

THE ON-DUTY SUPERVISOR SHALL NOTIFY THE GAS CONTROL DEPARTMENT OF THE DATE AND TIME OF THE RE-ENERGIZING OF THE ELECTRICAL GRID AND THE SHUTDOWN OF EACH EMERGENCY ELECTRICAL GENERATOR. THE ON-DUTY SUPERVISOR WILL ALSO RECORD THE DATE AND TIME THE STORAGE FIELD RE-ENERGIZED THE FIELD.

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

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



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



FACILITY PERMIT TO OPERATE 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 AQMD 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 AQMD rules or permit conditions: [204]
 - a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134, 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_x 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 (SO₂) 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 (CO₂) 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 (O₂) 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 provisions of AQMD Rules and Regulations, except those listed in Table 1 of Rule 2001 for NO_x RECLAIM sources and Table 2 of Rule 2001 for SO_x RECLAIM sources. Those provisions listed in Tables 1 or 2 shall not apply to NO_x or SO_x 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 AQMD rules in Tables 1 or 2 which have initial implementation dates in 1994 shall not apply to a RECLAIM NO_x or SO_x source, respectively. [2001]
9. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]
 - a. Brief description of the equipment tested.



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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 AQMD 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.



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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 AQMD 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, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182. [204]



FACILITY PERMIT TO OPERATE 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. NOx Monitoring Conditions

A. The Operator of a NOx Major Source, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate an AQMD certified direct or time-shared monitoring device or an approved alternative monitoring device for each major NOx source to continuously measure the concentration of NOx emissions and all other applicable variables specified in Rule 2012, Table 2012-1 and Rule 2012, Appendix A, Table 2-A to determine the NOx emissions rate from each source. The time-sharing of CEMS among NOx 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 AQMD 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 AQMD 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.



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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_x 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_x 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_x Process Unit, as defined in Rule 2012, shall, as applicable:



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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. NOx Source Testing and Tune-up conditions

1. The operator shall conduct all required NOx source testing in compliance with an AQMD-approved source test protocol. [2012]
2. The operator shall, as applicable, conduct source tests for every large NOx source no later than December 31, 1996 and every 3 years thereafter. The source test shall include the determination of NOx 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 NOx large sources and NOx process units shall be tuned-up in accordance with the schedule specified in Rule 2012, Appendix A, Chapter 5, Table 5-B. [2012]



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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 AQMD staff upon request and be maintained for at least:
 - a. Three years after each APEP report is submitted to AQMD 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 AQMD 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 NOx or SOx 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]

NOx Reporting Requirements

- A. The Operator of a NOx Major Source, as defined in Rule 2012, shall, as applicable:



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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 AQMD central station for each major NOx source, the total daily mass emissions of NOx 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 NOx 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. [2012]
 3. Submit an electronic report within 15 days following the end of each month totaling NOx emissions from all major NOx 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 AQMD 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 NOx Large Source, as defined in Rule 2012, shall:
1. Install, maintain and operate a modem or any reporting device approved by the Executive Officer to report, to the AQMD, the total monthly NOx mass emissions from each large NOx 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 NOx Process Unit, as defined in Rule 2012, shall:



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**SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR
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1. Electronically report the calculated quarterly NOx emissions for each NOx process unit. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. [2012]



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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

NONE



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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_x or SO_x 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_x or SO_x 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 |
|-------------|--------|
| 220168 | 1146 |
| 261047 | 1146 |
| 268425 | 1134 |
| 273594 | 1146.1 |
| 424168 | 1415 |
| 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.



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SECTION J: AIR TOXICS

NOT APPLICABLE



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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)]



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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)]



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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)]



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



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SECTION K: TITLE V Administration EMERGENCY PROVISIONS

17. An emergency¹ 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]

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



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SECTION K: TITLE V Administration RECORDKEEPING PROVISIONS

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:

- (A) The date, place as defined in the Title V permit, and time of sampling or measurements;
- (B) The date(s) analyses were performed;
- (C) The company or entity that performed the analyses;
- (D) The analytical techniques or methods used;
- (E) The results of such analyses; and
- (F) The operating conditions as existing at the time of sampling or measurement.
[3004(a)(4)(B)]

20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]

21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

REPORTING PROVISIONS

22. The operator shall comply with the following requirements for prompt reporting of deviations:

- (A) Breakdowns shall be reported as required by Rule 430 – Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.



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



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)]



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FACILITY RULES

This facility is subject to the following rules and regulations

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

| RULE SOURCE | Adopted/Amended Date | FEDERAL Enforceability |
|--|-----------------------------|-------------------------------|
| RULE 1110.2 | 11-14-1997 | Non federally enforceable |
| RULE 1110.2 | 2-1-2008 | Federally enforceable |
| RULE 1110.2 | 6-3-2005 | Non federally enforceable |
| RULE 1113 | 11-8-1996 | Federally enforceable |
| RULE 1113 | 12-5-2003 | Non federally enforceable |
| RULE 1113 | 6-9-2006 | Non federally enforceable |
| RULE 1134 | 8-8-1997 | Federally enforceable |
| RULE 1146 | 11-17-2000 | Federally enforceable |
| RULE 1146 | 5-13-1994 | Federally enforceable |
| RULE 1146.1 | 5-13-1994 | Federally enforceable |
| RULE 1149 | 7-14-1995 | Federally enforceable |
| RULE 1171 | 11-7-2003 | Federally enforceable |
| RULE 1176 | 5-13-1994 | Federally enforceable |
| RULE 1176 | 9-13-1996 | Federally enforceable |
| RULE 118 | 12-7-1995 | Non federally enforceable |
| RULE 1303(a)(1)-BACT | 12-6-2002 | Non federally enforceable |
| RULE 1303(a)(1)-BACT | 5-10-1996 | Federally enforceable |
| RULE 1303(b)(2)-Offset | 12-6-2002 | Non federally enforceable |
| RULE 1303(b)(2)-Offset | 5-10-1996 | Federally enforceable |
| RULE 1304(a)-Modeling and Offset Exemption | 6-14-1996 | Federally enforceable |



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| RULE SOURCE | Adopted/Amended Date | FEDERAL Enforceability |
|--|-----------------------------|-------------------------------|
| RULE 1703(a)(2) - PSD-BACT | 10-7-1988 | Federally enforceable |
| RULE 2005 | 4-20-2001 | Federally enforceable |
| RULE 2012 | 1-7-2005 | Federally enforceable |
| RULE 2012 | 12-5-2003 | Federally enforceable |
| RULE 2012 | 5-11-2001 | 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 | Non federally enforceable |
| RULE 3004 | 12-12-1997 | Federally enforceable |
| RULE 3004((a)(1) | 12-12-1997 | Non 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 | Non 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 | 9-15-2000 | Non federally enforceable |
| RULE 461 | 1-9-2004 | Federally enforceable |
| RULE 461 | 4-21-2000 | Federally enforceable |



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| RULE SOURCE | Adopted/Amended Date | FEDERAL Enforceability |
|------------------------|-----------------------------|-------------------------------|
| RULE 461 | 6-15-2001 | Non federally enforceable |
| RULE 462 | 5-14-1999 | Federally enforceable |
| RULE 463 | 3-11-1994 | Federally enforceable |
| RULE 480 | 10-7-1977 | Federally enforceable |
| RULE 701 | 6-13-1997 | Federally enforceable |
| 40CFR 60 Subpart JJJJ | 1-18-2008 | Federally enforceable |
| 40CFR 63 Subpart DDDDD | 12-6-2006 | Federally enforceable |
| 40CFR 63 Subpart ZZZZ | 1-18-2008 | Federally enforceable |
| 40CFR 63 Subpart ZZZZ | 4-20-2006 | Federally enforceable |
| 40CFR 63 Subpart ZZZZ | 6-15-2004 | Federally enforceable |
| 40CFR 63SubpartZZZZ | 3-9-2011 | Federally enforceable |
| 40CFR 82 Subpart F | 5-14-1993 | Federally enforceable |



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

6. STEAM CLEANER, KEROSENE
7. PROCESS HEATERS, NATURAL GAS



FACILITY PERMIT TO OPERATE SO CAL GAS CO

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

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

TABLE OF STANDARDS

VOC LIMITS

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

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



**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 11-08-1996]**

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

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

TABLE OF STANDARDS (cont.)

VOC LIMITS

Grams of VOC Per Liter of Material

| COATING | Limit |
|--------------------|-------|
| Low-Solids Coating | 120 |



FACILITY PERMIT TO OPERATE SO CAL GAS CO

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 12-05-2003]

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



**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 12-05-2003]
TABLE OF STANDARDS
VOC LIMITS**

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

| COATING | Limit* | Effective Date | | | | | | | | |
|--------------------------------------|--------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | 1/1/98 | 1/1/99 | 7/1/01 | 1/1/03 | 1/1/04 | 1/1/05 | 7/1/06 | 7/1/07 | 7/1/08 |
| Bond Breakers | 350 | | | | | | | | | |
| Clear Wood Finishes | | | | | | | | | | |
| Varnish | 350 | | | | | | | 275 | | |
| Sanding Sealers | 350 | | | | | | | 275 | | |
| Lacquer | 680 | 550 | | | | | 275 | | | |
| Clear Brushing Lacquer | 680 | | | | | | 275 | | | |
| Concrete-Curing Compounds | 350 | | | | | | | | | |
| Dry-Fog Coatings | 400 | | | | | | | | | |
| Fire-Proofing Exterior Coatings | 450 | | 350 | | | | | | | |
| Fire-Retardant Coatings | | | | | | | | | | |
| Clear | 650 | | | | | | | | | |
| Pigmented | 350 | | | | | | | | | |
| Flats | 250 | | | 100 | | | | | | 50 |
| Floor Coatings | 420 | | | | 100 | | | 50 | | |
| Graphic Arts (Sign) Coatings | 500 | | | | | | | | | |
| Industrial Maintenance (IM) Coatings | 420 | | | | | 250 | | 100 | | |
| High Temperature IM Coatings** | | | | | 420 | | | | | |
| Zinc-Rich IM Primers | 420 | | | | 340 | | | 100 | | |
| Japans/Faux Finishing Coatings | 700 | | 350 | | | | | | | |
| Magnesite Cement Coatings | 600 | | 450 | | | | | | | |
| Mastic Coatings | 300 | | | | | | | | | |
| Metallic Pigmented Coatings | 500 | | | | | | | | | |
| Multi-Color Coatings | 420 | 250 | | | | | | | | |
| Non-Flat Coatings | 250 | | | | 150 | | | 50 | | |
| Pigmented Lacquer | 680 | 550 | | | | | 275 | | | |



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APPENDIX B: RULE EMISSION LIMITS [RULE 1113 12-05-2003]

| COATING | Limit* | Effective Date | | | | | | | | |
|--|--------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | 1/1/98 | 1/1/99 | 7/1/01 | 1/1/03 | 1/1/04 | 1/1/05 | 7/1/06 | 7/1/07 | 7/1/08 |
| Pre-Treatment Wash Primers | 780 | | | | 420 | | | | | |
| Primers, Sealers, and Undercoaters | 350 | | | | 200 | | | 100 | | |
| Quick-Dry Enamels | 400 | | | | 250 | | | 50 | | |
| Quick-Dry Primers, Sealers, and Undercoaters | 350 | | | | 200 | | | 100 | | |
| Recycled Coatings | | | | | 250 | | | | | |
| Roof Coatings | 300 | | | | 250 | | 50 | | | |
| Roof Coatings, Aluminum | 500 | | | | | | 100 | | | |
| Roof Primers, Bituminous | 350 | | | | 350 | | | | | |
| Rust Preventative Coatings | 420 | | | | 400 | | | 100 | | |
| Shellac | | | | | | | | | | |
| Clear | 730 | | | | | | | | | |
| Pigmented | 550 | | | | | | | | | |
| Specialty Primers | 350 | | | | | | | 100 | | |
| Stains | 350 | | | | 250 | | | | 100 | |
| Stains, Interior | 250 | | | | | | | | | |
| Swimming Pool Coatings | | | | | | | | | | |
| Repair | 650 | | | | 340 | | | | | |
| Other | 340 | | | | | | | | | |
| Traffic Coatings | 250 | 150 | | | | | | | | |
| Waterproofing Sealers | 400 | | | | 250 | | | 100 | | |
| Waterproofing Concrete/Masonry Sealers | 400 | | | | | | | 100 | | |
| Wood Preservatives | | | | | | | | | | |
| Below-Ground | 350 | | | | | | | | | |
| Other | 350 | | | | | | | | | |

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards
 ** The National VOC Standard at 650 g/l is applicable until 1/1/2003



**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 12-05-2003]**

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

Grams of VOC Per Liter of Material

| COATING | Limit |
|--------------------|-------|
| Low-Solids Coating | 120 |



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

(1) Solvent Requirements

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

| SOLVENT CLEANING ACTIVITY | CURRENT LIMITS |
|--|------------------------|
| | VOC g/l (lb/gal) |
| (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 | 500 (4.2) |
| (iii) Medical Devices & Pharmaceuticals | 800 (6.7) |
| (B) Repair and Maintenance Cleaning | |
| (i) General | 25 (0.21) |
| (ii) Electrical Apparatus Components & Electronic Components | 900 (7.5) |



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

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



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

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



FACILITY PERMIT TO OPERATE SO CAL GAS CO

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 08-02-2002]

(1) Solvent Requirements

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

| SOLVENT CLEANING ACTIVITY | CURRENT LIMITS* | Effective 1/1/2003 | Effective 7/1/2005 |
|--|------------------------|------------------------|------------------------|
| | VOC g/l (lb/gal) | VOC g/l (lb/gal) | VOC g/l (lb/gal) |
| (A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application | | | |
| (i) General | 50 (0.42) | 25 (0.21) | |
| (ii) Electrical Apparatus Components & Electronic Components | 500 (4.2) | | 100 (0.83) |
| (iii) Medical Devices & Pharmaceuticals | 800 (6.7) | | |
| (B) Repair and Maintenance Cleaning | | | |
| (i) General | 50 (0.42) | 25 (0.21) | |
| (ii) Electrical Apparatus Components & Electronic Components | 900 (7.5) | | 100 (0.83) |
| (iii) Medical Devices & Pharmaceuticals | | | |
| (A) Tools, Equipment, & Machinery | 800 (6.7) | | |
| (B) General Work Surfaces | 600 (5.0) | | |
| (C) Cleaning of Coatings, or Adhesives Application Equipment | 550 (4.6) | | 25 (0.21) |
| (D) Cleaning of Ink Application Equipment | | | |
| (i) General | 50 (0.42) | 25 (0.21) | |



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**APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 08-02-2002]**

| SOLVENT CLEANING ACTIVITY | CURRENT LIMITS* | Effective 1/1/2003 | Effective 7/1/2005 |
|--|------------------------|------------------------|------------------------|
| | VOC g/l (lb/gal) | VOC g/l (lb/gal) | VOC g/l (lb/gal) |
| (ii) Flexographic Printing | 50 (0.42) | 25 (0.21) | |
| (iii) Gravure Printing | | | |
| (A) Publication | 750 (6.3) | | 100 (0.83) |
| (B) Packaging | 50 (0.42) | 25 (0.21) | |
| (iv) Lithographic or Letter Press Printing | | | |
| (A) Roller Wash – Step 1 | 600 (5.0) | | 100 (0.83) |
| (B) Roller Wash-Step 2, Blanket Wash, & On-Press Components | 800 (6.7) | | 100 (0.83) |
| (C) Removable Press Components | 50 (0.42) | 25 (0.21) | |
| (v) Screen Printing | 750 (6.3) | | 100 (0.83) |
| (vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing) | 800 (6.7) | | 100 (0.83) |
| (vii) Specialty Flexographic Printing | 600 (5.0) | | 100 (0.83) |
| (E) Cleaning of Polyester Resin Application Equipment | 50 (0.42) | 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 ^a 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
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**APPENDIX B: RULE EMISSION LIMITS
[RULE 404 02-07-1986]**

| Volume Discharged Calculated as Dry Gas At Standard Conditions | | Maximum Concentration of Particulate Matter ² 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 | |
|--|--------------------------------|--|--------------------------|--|--------------------------------|---|-----------------------------|
| Cubic meters Per Minute | Cubic feet Per Minute | Milligrams per Cubic Meter | Grains per Cubic Foot | Cubic meters Per Minute | Cubic feet Per Minute | Milligrams per Cubic Meter | Grains per Cubic Foot |
| 500 | 17660 | 146 | .0637 | 30000 | 1059000 | 32 | .0140 |
| 600 | 21190 | 137 | .0598 | 40000 | 1413000 | 28 | .0122 |
| 700 | 24720 | 129 | .0563 | 50000 | 1766000 | 26 | .0114 |
| 800 | 28250 | 123 | .0537 | 70000 or more | 2472000 or more | 23 | .0100 |