



South Coast Air Quality Management District

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

August 17, 2012

Ms. Karen McInnis
Principal Environmental Specialist
Southern California Gas Company
25205 W. Rye Canyon Rd
Valencia, CA 91355

SUBJECT: RECLAIM/Title V Facility Permit Revision (Facility ID: 5973)

Dear Ms. McInnis:

Please find attached the revised Title Page, Table of Contents, and Section D of your RECLAIM/Title V Facility Permit. The revised sections reflect the approval of the Permit to Construct/Operate for the abrasive blasting cabinet and dust collector under A/N 534164. The proposed permit was sent to EPA for a 45 day review on June 27, 2012, and no comments were received. The corresponding application numbers are summarized in the table below:

Equipment	Application No.	Device No.	Process	Permit Type
Abrasive Blasting Cabinet	533941	D117	11/0	PC/PO
Dust Collector	537013	D118	11/0	PC/PO

Please review the attached sections carefully. Insert the enclosed sections into your RECLAIM/Title V Facility Permit and discard the earlier versions. Questions concerning changes to your permit should be directed to Mr. Chris Perri at (909) 396-2696.

Sincerely,

Brian L. Yeh
Senior Engineering Manager
Mechanical, Chemical & Public Services

BLY:AYL:JTY:cgp
Attachment

cc: Gerardo Rios, EPA Region IX
Ed Pupka, AQMD Compliance



FACILITY PERMIT TO OPERATE

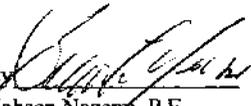
**SO CAL GAS CO
25205 W RYE CANYON RD
VALENCIA, CA 91355**

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 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 ENGINE					
INTERNAL COMBUSTION ENGINE, RICH BURN, NATURAL GAS, WAUKESHA, MODEL L-7042-GU, G-1, 818 HP WITH A/N: 362357	DI	C92	NOX: LARGE SOURCE**	CO: 250 PPMV (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 (5) [RULE 1110.2, 6-3-2005; RULE 1110.2, 2-1-2008]	C10.3, D12.4, E115.1, H23.10, K67.2
NON-SELECTIVE CATALYTIC REDUCTION, THREE-WAY CATALYST, AND AN AIR TO FUEL RATIO CONTROLLER, ALTRONIC, MODEL NO. EPC-100E	C92	DI			
GENERATOR, MODEL VHP-7100G, 575 KW					

* (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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Process 1: INTERNAL COMBUSTION ENGINE					
INTERNAL COMBUSTION ENGINE, NATURAL GAS, WAUKESHA, MODEL L5790-GU, NO. 2 (WET GAS), RICH BURN,, 738 HP WITH A/N: 482282	D2	C80	NOX: LARGE SOURCE**	CO: 250 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008]; NOX: 19.76 PPMV NATURAL GAS (3) [RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]; PM: (9) [RULE 404, 2-7-1986]; ROG: 30 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008]	C10.3, D12.4, E115.1, E448.1, H23.10, K67.2
NON-SELECTIVE CATALYTIC REDUCTION, THREE-WAY CATALYST, AND AN AIR-TO FUEL RATIO CONTROLLER, CONTINENTAL, MODEL NO. ECV-5	C80	D2			

- * (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
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Process 1: INTERNAL COMBUSTION ENGINE					
INTERNAL COMBUSTION ENGINE, RICH BURN, NATURAL GAS, WAUKESHA, MODEL NO. L-7042-GU, G-2, 818 HP WITH A/N: 362359	D10	C94	NOX: LARGE SOURCE**	CO: 250 PPMV (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 (5) [RULE 1110.2, 6-3-2005; RULE 1110.2, 2-1-2008]	C10.3, D12.4, E115.1, H23.10, K67.2
NON-SELECTIVE CATALYTIC REDUCTION, THREE-WAY CATALYST, AND AN AIR TO FUEL RATIO CONTROLLER, ALTRONIC, MODEL NO. EPC-100E	C94	D10			
GENERATOR, MODEL VHP-7100G, 575 KW					

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL COMBUSTION ENGINE					
INTERNAL COMBUSTION ENGINE, NATURAL GAS, WAUKESHA, MODEL L5790-GU, NO. 1 (WET GAS), RICH BURN, WITH CATALYTIC REDUCTION, 738 HP WITH A/N: 482281	D3	C81	NOX: LARGE SOURCE**	CO: 250 PPMV (5) [RULE 1110.2, 6-3-2005; RULE 1110.2, 2-1-2008]; NOX: 19.76 PPMV NATURAL GAS (3) [RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]; PM: (9) [RULE 404, 2-7-1986]; ROG: 30 PPMV (5) [RULE 1110.2, 6-3-2005; RULE 1110.2, 2-1-2008]	C10.3, D12.4, E115.1, E448.1, H23.10, K67.2
NON-SELECTIVE CATALYTIC REDUCTION, THREE-WAY CATALYST, AND AIR TO FUEL RATIO CONTROLLER. CONTINENTAL, MODEL NO. ECV-5	C81	D3			
INTERNAL COMBUSTION ENGINE, LEAN BURN, NATURAL GAS, DELAVAL, MODEL NO. HVA-16, UNIT 1, 4-STROKE, TURBOCHARGED, WITH STAGED COMBUSTION, 5500 HP WITH A/N:	D4	C112	NOX: MAJOR SOURCE**	CO: 250 PPMV (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]	H23.12
CO OXIDATION CATALYST, PLATINUM BASED	C112	D4			

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 (4) Denotes BACT emission limit
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Process 1: INTERNAL COMBUSTION ENGINE					
INTERNAL COMBUSTION ENGINE, LEAN BURN, NATURAL GAS, DELAVAL, MODEL NO. HVA-16, UNIT 2, 4-STROKE, TURBOCHARGED., WITH STAGED COMBUSTION, 5500 HP WITH A/N: CO OXIDATION CATALYST, PLATINUM BASED	D5 C113	C113 D5	NOX: MAJOR SOURCE**	CO: 250 PPMV (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]	H23.12
INTERNAL COMBUSTION ENGINE, LEAN BURN, NATURAL GAS, DELAVAL, MODEL NO. HVA-16, UNIT 3, 4-STROKE, TURBOCHARGED., WITH STAGED COMBUSTION, 5500 HP WITH A/N: CO OXIDATION CATALYST, PLATINUM BASED	D6 C114	C114 D6	NOX: MAJOR SOURCE**	CO: 250 PPMV (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]	H23.12
INTERNAL COMBUSTION ENGINE, LEAN BURN, NATURAL GAS, DELAVAL, MODEL HVA-16, UNIT 4, 4-STROKE, TURBOCHARGED., WITH STAGED COMBUSTION, 5500 HP WITH A/N: CO OXIDATION CATALYST, PLATINUM BASED	D7 C115	C115 D7	NOX: MAJOR SOURCE**	CO: 250 PPMV (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]	H23.12

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Process 1: INTERNAL COMBUSTION ENGINE					
INTERNAL COMBUSTION ENGINE, LEAN BURN, NATURAL GAS, DELAVAL, MODEL NO. HVA-16, UNIT 5, 4-STROKE, TURBOCHARGED, WITH STAGED COMBUSTION, 5500 HP WITH A/N:	D8	C116	NOX: MAJOR SOURCE**	CO: 250 PPMV (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]	H23.12
CO OXIDATION CATALYST, PLATINUM BASED	C116	D8			
INTERNAL COMBUSTION ENGINE, RICH BURN, NATURAL GAS, WAUKESHA, MODEL NO. L-7042-GU, G-3, 818 HP WITH A/N: 362358	D9	C93	NOX: LARGE SOURCE**	CO: 250 PPMV (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 (5) [RULE 1110.2, 6-3-2005; RULE 1110.2, 2-1-2008]	C10.3, D12.4, E115.1, H23.10, K67.2
NON-SELECTIVE CATALYTIC REDUCTION, THREE-WAY CATALYST, AN AIR TO FUEL RATIO CONTROLLER, ALTRONIC, MODEL NO. EPC-100E	C93	D9			
GENERATOR, MODEL VHP-7100G, 575 KW					

- * (1) (1A) (1B) Denotes RECLAIM emission factor
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Process 1: INTERNAL COMBUSTION ENGINE					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL FUEL, DETROIT DIESEL, MODEL NO PTA-ISD-50. 90 HP A/N: 220209	D12		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]; PM: (9) [RULE 404, 2-7-1986]	D135.1
Process 3: EXTERNAL COMBUSTION					
System 4: GLYCOL REGENERATION-TRAINS A and B					
HEATER, FIRE TUBE TYPE, NATURAL GAS, AMERICAN HEATING COMPANY, MODEL AHE-800, GLYCOL REGENERATION, WITH LOW NOX BURNER, 7 MMBTU/HR WITH A/N: 410744	D98	D100	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 NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 12 PPMV NATURAL GAS (4) [RULE 2005, 4-20-2001]; NOX: 38.46 LBS/MMSCF NATURAL GAS (1) [RULE 1303(a)(1)-BACT, 5-10-1996]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	D328.1, H23.11, K67.4
BURNER, NATURAL GAS, ALZETA, MODEL CSB 70, WITH LOW NOX BURNER, 1 TOTAL; 7 MMBTU/HR	D100	D98			

- * (1) (1A) (1B) Denotes RECLAIM emission factor
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Process 3: EXTERNAL COMBUSTION					
HEATER, FIRE TUBE TYPE, NATURAL GAS, AMERICAN HEATING COMPANY, MODEL AHE-800, GLYCOL REGENERATION, WITH LOW NOX BURNER, 7 MMBTU/HR WITH A/N: 410745	D99	D101	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 NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 12 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; NOX: 38.46 LBS/MMSCF NATURAL GAS (1) [RULE 2005, 4-20-2001]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	D328.1, H23.11, K67.4
BURNER, NATURAL GAS, ALZETA, MODEL CSB 70, WITH LOW NOX BURNER, 1 TOTAL; 7 MMBTU/HR	D101	D99			
Process 4: ORGANIC CHEMICAL STORAGE					P13.1
STORAGE TANK, FIXED ROOF, T-552, WASTE WATER, 5000 BBL; DIAMETER: 38 FT 8 IN; HEIGHT: 24 FT A/N: C02727	D46	C60			E57.1, H23.6
STORAGE TANK, FIXED ROOF, T-553, WASTE WATER, 5000 BBL; DIAMETER: 38 FT 8 IN; HEIGHT: 24 FT A/N: C02726	D47	C60			E57.1, H23.6

- | | |
|---|---|
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Process 4: ORGANIC CHEMICAL STORAGE					P13.1
STORAGE TANK, FIXED ROOF, T-554, WASTE WATER, 1200 BBL; DIAMETER: 20 FT ; HEIGHT: 21 FT 6 IN A/N: C02725	D48	C60			E57.1, H23.6
Process 6: CRUDE OIL STORAGE					P13.1
STORAGE TANK, FIXED ROOF, T-435A, SAND, SAND TRAP, 250 BBL; DIAMETER: 15 FT ; HEIGHT: 8 FT A/N: C02731	D54	C62			E57.1
STORAGE TANK, FIXED ROOF, T-435B, SAND, SAND TRAP, 250 BBL; DIAMETER: 15 FT ; HEIGHT: 8 FT A/N: C02730	D55	C62			E57.1
STORAGE TANK, FIXED ROOF, T-550, OIL, 5000 BBL; DIAMETER: 38 FT 8 IN; HEIGHT: 24 FT A/N: C02729	D56	C60			E57.1, H23.13
STORAGE TANK, FIXED ROOF, T-551, CRUDE OIL, 5000 BBL; DIAMETER: 38 FT 8 IN; HEIGHT: 24 FT A/N: C02728	D57	C60			E57.1, H23.13
LOADING ARM, TANK TRUCK, CRUDE OIL, 1 TOTAL; DIAMETER: 4 IN A/N: 293961	D82	C84			C1.3

- * (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
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Process 6: CRUDE OIL STORAGE					P13.1
FLARE, GROUND FLARE, NATURAL GAS, SUR LITE, MODEL SLF030, 1.44 MMBTU/HR A/N: 318304	C84	D82	NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]; VOC: 0.08 LBS/1000 GAL (5) [RULE 462, 5-14-1999]	C8.1
Process 7: GAS ODORIZATION					
FILTER, ACTIVATED CARBON, BLOWDOWN A/N: C02738	C59	D103 D104			
VESSEL, V-12, ODORANT STORAGE, NJEX, 4000 GAL, LENGTH: 20 FT : DIAMETER: 6 FT A/N: 412621	D102				E144.1
VESSEL, V-13, NJEX, LENGTH: 10 IN; DIAMETER: 1 FT 3 IN A/N: 412621	D103	C59			E57.2
VESSEL, V-14, NJEX, LENGTH: 10 IN; DIAMETER: 1 FT 3 IN A/N: 412621	D104	C59			E57.2
Process 8: VAPOR RECOVERY SYSTEM					
VESSEL, OIL/WATER/GAS SEPARATOR, LIQUID, COMPRESSOR INLET, V-550, TANK FARM A/N: 297729	C60	D46 D47 D48 D56 D57			
VESSEL, SEPARATOR, LIQUID, COMPRESSOR OUTLET, V-552 A/N: 297729	C61				

- * (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 8: VAPOR RECOVERY SYSTEM					
VESEL, OIL/WATER/GAS SEPARATOR, LIQUID, COMPRESSOR INLET, V-442, DEHYD A/N: C03028	C62	D54 D55 D73			
VESEL, SEPARATOR, LIQUID, COMPRESSOR OUTLET, V-440 A/N: C03028	C63				
Process 9: CRUDE OIL STABILIZATION					
System 3: COMMON TO TRAIN A & B					
VESEL, V-438, HYDROCARBONS, HEIGHT: 10 FT ; DIAMETER: 6 FT A/N: C02739	D73	C62			
Process 10: R-219 EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E85			VOC: (9) [RULE 1113, 11-8-1996; RULE 1113, 12-5-2003; RULE 1171, 8-2-2002; RULE 1171, 11-7-2003]	K67.1
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E86				H23.7
RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX, <= 53 FT3, WITH DUST FILTER	E87			PM: (9) [RULE 1140, 2-1-1988; RULE 404, 2-7-1986; RULE 405, 2-7-1986]	D322.1, D381.1
RULE 219 EXEMPT EQUIPMENT, EXEMPT HAND WIPING OPERATIONS	E88			VOC: (9) [RULE 1171, 8-2-2002; RULE 1171, 11-7-2003]	
RULE 219 EXEMPT EQUIPMENT, HALON FIRE EXTINGUISHING UNITS	E89				H23.3
RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	E90				

- * (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 10: R-219 EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, (N) (5)(A), GAS DEHYDRATION TRAINS A & B- OIL AND GAS PRODUCTION	E105				
RULE 219 EXEMPT EQUIPMENT, (N) (5)(A), GAS DEHYDRATION TRAINS A & B- CRUDE OIL STABILIZATION	E106				
Process 11: MISCELLANEOUS					
ABRASIVE BLASTING, CABINET, EMPIRE ABRASIVE PRO FINISH 6060 PRC-9, VENTED TO DUST COLLECTOR, WIDTH: 5 FT ; HEIGHT: 3 FT 8 IN; LENGTH: 5 FT WITH A/N: 533941 ABRASIVE BLASTING NOZZLE, 3/16 INCH INSIDE DIAMETER	D117	C118			E440.1
DUST COLLECTOR, EMPIRE ABRASIVE MODEL CDC-9, 2 HP BLOWER, WITH 2 CARTRIDGES, 452 SQ FT FILTER AREA A/N: 537013	C118	D117			E440.1

- | | |
|--|--|
| <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 |
|--|--|

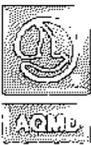
** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



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

SECTION D: 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	4	1	0
D4	4	1	0
D5	5	1	0
D6	5	1	0
D7	5	1	0
D8	6	1	0
D9	6	1	0
D10	3	1	0
D12	7	1	0
D46	8	4	0
D47	8	4	0
D48	9	4	0
D54	9	6	0
D55	9	6	0
D56	9	6	0
D57	9	6	0
C59	10	7	0
C60	10	8	0
C61	10	8	0
C62	11	8	0
C63	11	8	0
D73	11	9	3
C80	2	1	0
C81	4	1	0
D82	9	6	0
C84	10	6	0
E85	11	10	0
E86	11	10	0
E87	11	10	0
E88	11	10	0
E89	11	10	0
E90	11	10	0
C92	1	1	0



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
C93	6	1	0
C94	3	1	0
D98	7	3	4
D99	8	3	4
D100	7	3	4
D101	8	3	4
D102	10	7	0
D103	10	7	0
D104	10	7	0
E105	12	10	0
E106	12	10	0
C112	4	1	0
C113	5	1	0
C114	5	1	0
C115	5	1	0
C116	6	1	0
D117	12	11	0
C118	12	11	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]

F14.1 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

[RULE 431.2, 9-15-2000]

PROCESS CONDITIONS

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

Contaminant	Rule	Rule/Subpart
ROG	District Rule	1149

[RULE 1149, 7-14-1995]



FACILITY PERMIT TO OPERATE SO CAL GAS CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Processes subject to this condition : 4, 6]

DEVICE CONDITIONS

C. Throughput or Operating Parameter Limits

C1.3 The operator shall limit the loading rate to no more than 36,000 barrel(s) in any one month.

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

[Devices subject to this condition : D82]

C8.1 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1500 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the exhaust stream at a minimum distance of 11 feet 9 inches downstream of the burner.

The operator shall also install and maintain a device to continuously record the parameter being measured whenever the oil loading arm is in operation.

[RULE 462, 5-14-1999]

[Devices subject to this condition : C84]

C10.3 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.



FACILITY PERMIT TO OPERATE SO CAL GAS CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[RULE 1110.2, 2-1-2008; 40CFR 63 Subpart ZZZZ, 6-15-2004]

[Devices subject to this condition : D1, D2, D3, D9, D10]

D. Monitoring/Testing Requirements

D12.4 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature at the inlet to the NSCR.

[RULE 1110.2, 2-1-2008; RULE 2005, 10-15-1993]

[Devices subject to this condition : D1, D2, D3, D9, D10]

D135.1 The operator shall inspect, adjust, and certify the ignition or fuel injection timing of this engine a minimum of once every 3 years of operation. Inspections, adjustments, and certifications shall be performed by a qualified mechanic and performed in accordance with the engine manufacturer's specifications and procedures.

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

[Devices subject to this condition : D12]

D322.1 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

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



FACILITY PERMIT TO OPERATE SO CAL GAS CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Devices subject to this condition : E87]

- D328.1 The operator shall determine compliance with the CO emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 10.1; or (b) conducting a test at least annually using a portable analyzer and AQMD-approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with Rule 1146. 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 : D98, D99]

- D381.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions; and
- 3). Date and time visible emission was abated.



FACILITY PERMIT TO OPERATE SO CAL GAS CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[Devices subject to this condition : E87]

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 control.

[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; RULE 402, 5-7-1976; RULE 463, 3-11-1994]

[Devices subject to this condition : D46, D47, D48, D54, D55, D56, D57]

E57.2 The operator shall vent this equipment to the air pollution control equipment identified in the 'connected column' whenever the expansion tank vent valve is opened.

[RULE 402, 5-7-1976]

[Devices subject to this condition : D103, D104]

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.

The operator shall monitor AFRC as per Rule 1110.2 Inspection and Monitoring plan

[RULE 1110.2, 2-1-2008]



FACILITY PERMIT TO OPERATE SO CAL GAS CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Devices subject to this condition : D1, D2, D3, D9, D10]

- E144.1 The operator shall vent this equipment, during filling, only to the vessel from which it is being filled.

[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; RULE 402, 5-7-1976]

[Devices subject to this condition : D102]

- E440.1 The operator shall operate and maintain this equipment according to the following specifications:

Silica type abrasives shall not be used in this equipment

A mechanical gauge shall be maintained so as to indicate, in inches water column, the static pressure differential across the filters. The filters shall be cleaned whenever the pressure exceeds 4" W.C.

Dust collected in the dust collector shall be discharged only into enclosed containers

Abrasive blasting operations shall not be performed unless the abrasive blasting equipment is vented only to the cartridge dust collector which is in full use at all times

[Devices subject to this condition : D117, C118]

- E448.1 The operator shall comply with the following requirements:

criteria defined in approved district rule 1110.2 (f)(1)(D) inspection and maintenance plan.



**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, 2-1-2008]

[Devices subject to this condition : D2, D3]

H. Applicable Rules

H23.3 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Halon	District Rule	1418

[RULE 1418, 9-10-1999]

[Devices subject to this condition : E89]

H23.6 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463
VOC	40CFR60, SUBPART	K

[RULE 463, 3-11-1994; 40CFR 60 Subpart K, 5-5-1989]

[Devices subject to this condition : D46, D47, D48]

H23.7 This equipment is subject to the applicable requirements of the following rules or regulations:



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:

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 : E86]

H23.10 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, 4-20-2006]

[Devices subject to this condition : D1, D2, D3, D9, D10]

H23.11 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
CO	District Rule	1146

[RULE 1146, 5-13-1994]

[Devices subject to this condition : D98, D99]

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



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:

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

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

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D4, D5, D6, D7, D8]

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

Contaminant	Rule	Rule/Subpart
ROG	District Rule	463
ROG	40CFR60, SUBPART	K

[RULE 463, 5-6-2005; RULE 463, 11-4-2011; 40CFR 60 Subpart K, 10-17-2000]

[Devices subject to this condition : D56, D57]

K. Record Keeping/Reporting

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):



FACILITY PERMIT TO OPERATE SO CAL GAS CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.

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

[Devices subject to this condition : E85]

K67.2 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

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR 63 Subpart ZZZZ, 6-15-2004]

[Devices subject to this condition : D1, D2, D3, D9, D10]

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

source tests conducted to comply with Rule 1146



FACILITY PERMIT TO OPERATE SO CAL GAS CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[Devices subject to this condition : D98, D99]