South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

June 1, 2012

Mr. Charles Soares
Environmental Specialist
Southern California Gas Company – Playa Del Rey
8141 Gulana Avenue
Play Del Rey, CA 90293

SUBJECT: Title V Facility Minor Permit Revision (Facility ID: 8582)

Dear Mr. Soares:

Please find attached the Title Page, Table of Contents, and Section D of your Title V Facility Permit. The sections reflect the approval of the minor permit revision requested in your Title V Revision Application No. 509526. This permit revision includes the proposed installation of a portable intra-facility carbon adsorption system for tank degassing, cleaning, and maintenance operations. The EPA received a copy of the draft Section D of the Title V Facility Permit and engineering evaluation on April 13, 2012. The 45 review period ended on May 29, 2012 and no comments were received from the EPA.

Equipment	Application No.	Permit Type
Carbon Adsorption System	509525	PC/PO

Please review the attached sections carefully. Insert the enclosed sections into your Title V Facility Permit and discard the earlier versions. Questions concerning changes to your permit should be directed to Mr. Marcel Saulis at (909) 396-3093.

Sincerely,

Brian L. Yeh
Senior Manager
Mechanical, Chemical, and Public Services

BLY:AYL:approval
Attachment

cc: Gerardo Rios, EPA Region IX – via email (R9AirPermits_sc@epa.gov)
Ed Pupka, Senior Enforcement Manager

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

Title Page	
Facility ID:	008582
Revision #:	33
Date:	June 01, 2012

FACILITY PERMIT TO OPERATE

SO CAL GAS CO/PLAYA DEL REY STORAGE FACI
8141 GULANA AVE
PLAYA DEL REY, CA 90293

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/PLAYA DEL REY STORAGE FACI

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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, EMERGENCY POWER, NATURAL GAS, WAUKESHA, MODEL H-2476-GU, 348 HP WITH A/N: 198433 GENERATOR	D1		NOX: PROCESS UNIT**	**NOX**: 3400 LBS/MMSCF NATURAL GAS (1) **[RULE 2012, 12-7-1995;** *RULE 2012, 4-9-1999*]; **PM**: (9) **[RULE 404, 2-7-1986]**	C1.3, D12.1
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NATURAL GAS, WAUKESHA, MODEL NO. 145-GZB, 110 HP WITH A/N: 198434 GENERATOR	D2		NOX: PROCESS UNIT**	**NOX**: 3400 LBS/MMSCF NATURAL GAS (1) **[RULE 2012, 12-7-1995;** *RULE 2012, 4-9-1999*]; **PM**: (9) **[RULE 404, 2-7-1986]**	C1.3, D12.1
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, NATURAL GAS, CATERPILLAR, MODEL NO. 3306NG, 93 HP WITH A/N: 198424 PUMP	D7		NOX: PROCESS UNIT**	**NOX**: 3400 LBS/MMSCF NATURAL GAS (1) **[RULE 2012, 12-7-1995;** *RULE 2012, 4-9-1999*]; **PM**: (9) **[RULE 404, 2-7-1986]**	C1.3, D12.1

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INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, 6CB, NATURAL GAS, COOPER-BESSEMER, MODEL GMVH-10, 2000 HP WITH A/N: 482122	D14	C132	NOX: LARGE SOURCE**	**CO**: 70 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008]; **CO**: 89 PPMV NATURAL GAS (4) **[RULE 1303(a)(1)-BACT, 5-10-1996]**; **CO**: 2000 PPMV (5) [RULE 1110.2, 11-14-1997]; **NOX**: 225 PPMV NATURAL GAS (3) **[RULE 2012, 12-7-1995;** *RULE 2012, 4-9-1999*]; **PM**: (9) **[RULE 404, 2-7-1986]**; **ROG**: 30 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008]; **ROG**: 250 PPMV (5) [RULE 1110.2, 11-14-1997]	C1.1
CO OXIDATION CATALYST, ENGELHARD, 24" X 24" X 3 11/16" D., WITH AN AIR TO FUEL RATIO CONTROLLER,, (WASTE GATE VALVE), EMEBEDDED IN THE ENGINE CONTROL SYSTEM.	C132	D14			H23.8
COMPRESSOR					

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Process 1: INTERNAL COMBUSTION					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, 8CB, NATURAL GAS, COOPER-BESSEMER, MODEL GMVH-10, 2000 HP WITH A/N: 482123	D16	C133	NOX: LARGE SOURCE**	**CO**: 70 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008]; **CO**: 89 PPMV NATURAL GAS (4) **[RULE 1303(a)(1)-BACT, 5-10-1996]**; **CO**: 2000 PPMV (5) [RULE 1110.2, 11-14-1997]; **NOX**: 225 PPMV NATURAL GAS (3) **[RULE 2012, 12-7-1995;** *RULE 2012, 4-9-1999*]; **PM**: (9) **[RULE 404, 2-7-1986]**; **ROG**: 30 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008]; **ROG**: 250 PPMV (5) [RULE 1110.2, 11-14-1997]	C1.1
CO OXIDATION CATALYST, ENGELHARD, 24" X 24" X 3 11/16" D., WITH AN AIR TO FUEL RATIO CONTROLLER, (WASTE GATE VALVE), EMEBEDDED IN THE ENGINE CONTROL SYSTEM.	C133	D16			H23.8
COMPRESSOR					

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Process 1: INTERNAL COMBUSTION					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, 9CB, NATURAL GAS, COOPER-BESSEMER, MODEL GMVH-10, 2000 HP WITH A/N: 482124	D17	C134	NOX: LARGE SOURCE**	**CO**: 70 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008]; **CO**: 89 PPMV NATURAL GAS (4) **[RULE 1303(a)(1)-BACT, 5-10-1996]**; **NOX**: 225 PPMV NATURAL GAS (3) **[RULE 2012, 12-7-1995;** *RULE 2012, 4-9-1999*]; **PM**: (9) **[RULE 404, 2-7-1986]**; **ROG**: 30 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008]; **ROG**: 250 PPMV (5) [RULE 1110.2, 11-14-1997]	C1.1
CO OXIDATION CATALYST, ENGELHARD, 24" X 24" X 3 11/16" D, WITH AN AIR TO FUEL RATIO CONTROLLER, (WASTE GATE VALVE), EMBEDDED IN THE ENGINE CONTROL SYSTEM.	C134	D17			H23.8
COMPRESSOR					

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Process 1: INTERNAL COMBUSTION					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, JOHN DEERE, MODEL 4045TF150, 99 HP WITH A/N: 404783 GENERATOR, 60 KW	D135		NOX: PROCESS UNIT**	**CO**: 8.5 GRAM/BHP-HR DIESEL (4) **[RULE 1303(a)(1) -BACT, 5-10-1996;** *RULE 1303(a) (1)-BACT, 12-6-2002*]; **NOX**: 6.9 GRAM/BHP-HR DIESEL (4) **[RULE 2005, 4-9-1999; RULE 2005, 4-20-2001]**; **NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2012, 12-7-1995; RULE 2012, 5-11-2001]**; **PM10**: 0.38 GRAM/BHP-HR DIESEL (4) **[RULE 1303(a)(1)-BACT, 5-10-1996;** *RULE 1303(a)(1) -BACT, 12-6-2002*]; **VOC**: 1 GRAM/BHP-HR DIESEL (4) **[RULE 1303(a)(1)-BACT, 5-10-1996;** *RULE 1303(a)(1) -BACT, 12-6-2002*]	B61.1, C1.4, D12.2, E162.1, K67.3
Process 2: OIL AND GAS PRODUCTION					
System 1: NATURAL GAS ODORIZING					
ODORANT DISPENSING EQUIPMENT, 60 GALS A/N: 289177	D115	C117			E175.1
CARBON FILTER, HEIGHT: 1 FT .13 IN; DIAMETER: 4.88 IN A/N: 289177	C117	D115		**H2S**: 4 PPMV (5) **[RULE 3004(a) (4)-Periodic Monitoring, 8-11-1995; RULE 3004(a)(4) -Periodic Monitoring, 12-12-1997]**	D90.1
System 2: GLYCOL DEHYDRATION					S4.1

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Process 2: OIL AND GAS PRODUCTION					
VESSEL, SEPARATOR, FILTER/SEPARATOR, V-600, LENGTH: 12 FT 8 IN; DIAMETER: 5 FT A/N: 391138	D137				
VESSEL, TEG CONTACTOR #1, V-601, HEIGHT: 35 FT ; DIAMETER: 6 FT A/N: 391138	D138				
VESSEL, TEG CONTACTOR #2, V-602, HEIGHT: 35 FT ; DIAMETER: 6 FT A/N: 391138	D139				
VESSEL, STILL COLUMN, V-640, HEIGHT: 13 FT ; DIAMETER: 2 FT 6 IN A/N: 391138	D141				
VESSEL, GLYCOL REBOILER, V-642, LENGTH: 36 FT ; DIAMETER: 6 FT A/N: 391138	D142				
VESSEL, GLYCOL FLASH TANK, V-643, LENGTH: 8 FT ; DIAMETER: 4 FT A/N: 391138	D143				
VESSEL, STILL OVERHEAD CONDENSER, V-644, VENTED TO VAPOR RECOVERY,, HEIGHT: 6 FT 6 IN; DIAMETER: 1 FT 4 IN A/N: 391138	D144			**HAP**: (10) **[40CFR 63 Subpart HHH, 2-22-2002]**	
System 4: OIL/WATER/GAS SEPARATION					
TANK, WASH, TK-1A, 1000 BBL; DIAMETER: 18 FT ; HEIGHT: 24 FT A/N: 137495	D67	C96 C97			E127.1, H23.1, H23.5

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Process 2: OIL AND GAS PRODUCTION					
TANK, WASH, TK-1B, 1000 BBL; DIAMETER: 18 FT ; HEIGHT: 24 FT A/N: 137495	D68	C96 C97			E127.1, H23.1, H23.5
System 7: WASTEWATER TREATMENT					
TANK, SURGE, TK-12, WASTEWATER, 2000 BBL; DIAMETER: 29 FT 8 IN; HEIGHT: 16 FT 1 IN A/N: 355183	D77	C96 C97			E127.1, H23.1, H23.4, H23.5
TANK, SURGE, TK-2, WASTE WATER, 1000 BBL; DIAMETER: 21 FT 6 IN; HEIGHT: 16 FT A/N: 355183	D78	C96			E57.5, E127.1, H23.1, H23.4, H23.5
Process 3: PETROLEUM STORAGE					P13.1
STORAGE TANK, FIXED ROOF, TK-3, OFF-SPEC OIL, 2000 BBL; DIAMETER: 29 FT 9 IN; HEIGHT: 16 FT A/N: 110251	D79	C96 C97			E127.1, H23.1, H23.5
STORAGE TANK, FIXED ROOF, TK-4A, CRUDE OIL, 2000 BBL; DIAMETER: 29 FT 9 IN; HEIGHT: 16 FT A/N: 110252	D80	C96 C97			E127.1, H23.1, H23.5
STORAGE TANK, FIXED ROOF, TK-4B, CRUDE OIL, 2000 BBL; DIAMETER: 29 FT 9 IN; HEIGHT: 16 FT A/N: 110253	D81	C96 C97			E127.1, H23.1, H23.5

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Process 3: PETROLEUM STORAGE					P13.1
STORAGE TANK, FIXED ROOF, TK-4C, CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, 2000 BBL; DIAMETER: 29 FT 9 IN; HEIGHT: 16 FT A/N: 110254	D82	C96 C97			E127.1, H23.1, H23.5
STORAGE TANK, FIXED ROOF, TK-5, CONDENSATE, 500 BBL; DIAMETER: 15 FT 6 IN; HEIGHT: 16 FT A/N: 111946	D83	C96 C97			E127.1, H23.1, H23.5
STORAGE TANK, FIXED ROOF, TK-6, SLOP, 200 BBL; DIAMETER: 9 FT 2 IN; HEIGHT: 16 FT A/N: 110255	D84	C96 C97			E127.1, H23.5
STORAGE TANK, FIXED ROOF, CRANKCASE AND DIRTY LUBE OIL, 1000 GALS; DIAMETER: 5 FT 6 IN; HEIGHT: 6 FT A/N: 165545	D85				
Process 6: FUGITIVE EMISSIONS					
FUGITIVE EMISSIONS, PUMPS A/N: 137495	D89				
FUGITIVE EMISSIONS, PRV A/N: 137495	D90				
FUGITIVE EMISSIONS, FLANGES A/N: 137495	D91				
FUGITIVE EMISSIONS, COMPRESSORS A/N: 227890	D92				
FUGITIVE EMISSIONS, VALVES A/N: 137495	D93				

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Process 6: FUGITIVE EMISSIONS					
FUGITIVE EMISSIONS, DRAINS A/N: 137495	D130				H23.4
Process 7: EXTERNAL COMBUSTION					
HEATER, H-340A, GLYCOL REGENERATION, NATURAL GAS, AMERICAN HEATING COMPANY, MODEL AHE-500-LN, WITH LOW NOX BURNER, 5.2 MMBTU/HR WITH A/N: 391136 BURNER, ALZETA, MODEL CSB50, WITH LOW NOX BURNER, 5.2 MMBTU/HR	D145		NOX: PROCESS UNIT**	**CO**: 50 PPMV (4) **[RULE 1303(a)(1)-BACT, 5-10-1996;** *RULE 1303(a)(1)-BACT, 12-6-2002*]; **CO**: 400 PPMV (5A) **[RULE 1146, 11-17-2000]**; **CO**: 2000 PPMV (5) **[RULE 407, 4-2-1982]**; **NOX**: 12 PPMV (4) **[RULE 2005, 4-20-2001; RULE 2005, 5-6-2005]**; **NOX**: 38.46 LBS/MMSCF (1) **[RULE 2012, 12-5-2003; RULE 2012, 1-7-2005]**; **PM**: 0.1 GRAINS/SCF (5) **[RULE 409, 8-7-1981]**	C1.5, D12.3, D29.2, I296.1, K40.2
Process 8: VAPOR RECOVERY SYSTEM					
OIL/GAS/WATER SEPARATOR, LIQUID, INLET COMPRESSOR A/N: 227890	C96	D67 D68 D77 D78 D79 D80 D81 D82 D83 D84			
OIL/GAS/WATER SEPARATOR, LIQUID, INLET COMPRESSOR (SPARE) A/N: 227890	C97	D67 D68 D77 D79 D80 D81 D82 D83 D84			
SCRUBBER, V-661 SUCTION, HEIGHT: 4 FT ; DIAMETER: 8.75 IN A/N: 391138	D147				

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Process 8: VAPOR RECOVERY SYSTEM					
DRUM, KNOCKOUT, V-662, 1ST STAGE, HEIGHT: 4 FT ; DIAMETER: 8.75 IN A/N: 391138	D148				
DRUM, KNOCKOUT, V-663, 2ND STAGE, HEIGHT: 4 FT ; DIAMETER: 8.75 IN A/N: 391138	D149				
Process 9: BULK OIL LOADING FACILITY					
LOADING ARM, TANK TRUCK, CRUDE OIL, WITH SUBMERGED FILLING, 1 TOTAL; DIAMETER: 6 IN A/N: 491695	D125	C131			C1.2, E178.1, E191.1, H23.6, K48.1
Process 10: R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E126			**ROG**: (9) [RULE 1113, 5-14-1999; RULE 1171, 6-13-1997; *RULE 1171, 10-8-1999*]	K67.1
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E127				H23.3
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RULE 219 EXEMPT EQUIPMENT, PUMPS, CRUDE OIL/NATURAL GAS PIPELINE TRANSFER	E129				
RULE 219 EXEMPT EQUIPMENT, SMALL BOILERS, WATER HEATERS AND PROCESS HEATERS, >1 MMBTU/HR AND <= 2 MMBTU/HR	E153				
Process 11: ACTIVATED CARBON ADSORPTION PORTABLE (INTRA-FACILITY)					

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(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/PLAYA DEL REY STORAGE FACI

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 11: ACTIVATED CARBON ADSORPTION PORTABLE (INTRA-FACILITY)					
CARBON ADSORBER, SIEMENS, MODEL 400, PORTABLE (INTRA-FACILITY), 400 LBS A/N: 509525	C154			**VOC**: 500 PPMV (5) **[RULE 1149, 7-14-1995;** *RULE 1149, 5-2-2008*]	D90.2, E153.1, E193.1, E202.1, H23.9, K48.2

* (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/PLAYA DEL REY STORAGE FACI

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/PLAYA DEL REY STORAGE FACI

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1	1	1	0
D2	1	1	0
D7	1	1	0
D14	2	1	0
D16	3	1	0
D17	4	1	0
D67	6	2	4
D68	7	2	4
D77	7	2	7
D78	7	2	7
D79	7	3	0
D80	7	3	0
D81	7	3	0
D82	8	3	0
D83	8	3	0
D84	8	3	0
D85	8	3	0
D89	8	6	0
D90	8	6	0
D91	8	6	0
D92	8	6	0
D93	8	6	0
C96	9	8	0
C97	9	8	0
D115	5	2	1
C117	5	2	1
D125	10	9	0
E126	10	10	0
E127	10	10	0
E128	10	10	0
E129	10	10	0
D130	9	6	0
C132	2	1	0
C133	3	1	0
C134	4	1	0

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D135	5	1	0
D137	6	2	2
D138	6	2	2
D139	6	2	2
D141	6	2	2
D142	6	2	2
D143	6	2	2
D144	6	2	2
D145	9	7	0
D147	9	8	0
D148	10	8	0
D149	10	8	0
E153	10	10	0
C154	11	11	0

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

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 use diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

[**RULE 431.2, 5-4-1990;** RULE 431.2, 9-15-2000]

PROCESS CONDITIONS

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149

[**RULE 1149, 7-14-1995**]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

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 : 3]

SYSTEM CONDITIONS

S4.1 The following condition(s) shall apply to all affected devices listed under Section H of this system for fugitive emissions of volatile organic compounds (VOC):

All valves, fittings, and flanges associated with the still column (V-641), glycol reboiler (V-642), glycol flash tank (V-643) and still overhead condenser (V664) shall be identified, tagged and inspected quarterly using EPA Method 21.

Any leak greater than 500 ppm shall be repaired within 14 days of detection.

The operator shall keep records of the quarterly inspection, subsequent repair, and re-inspection, in a manner approved by the District.

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

[Systems subject to this condition : Process 2, System 2]

DEVICE CONDITIONS

B. Material/Fuel Type Limits

B61.1 The operator shall only use Diesel Fuel containing the following specified compounds:

Compound	Limit	ppm by weight
Sulfur	less than or equal to	15

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[Devices subject to this condition : D135]

C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the operating time to no more than 2190 hours in any one year.

To comply with this condition, the operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

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

[**RULE 2012, 12-5-2003; RULE 2012, 1-7-2005**]

[Devices subject to this condition : D14, D16, D17]

C1.2 The operator shall limit the loading rate to no more than 800000 gallon(s) per month.

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

[Devices subject to this condition : D125]

C1.3 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

[RULE 1110.2, 6-3-2005; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996**]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

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, D7]

C1.4 The operator shall limit the operating time to no more than 199 hour(s) in any one year.

[RULE 1110.2, 6-3-2005; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;** RULE 1401, 3-4-2005; **RULE 2012, 12-5-2003; RULE 2012, 1-7-2005**]

[Devices subject to this condition : D135]

C1.5 The operator shall limit the fuel usage to no more than 23000 MM Btu in any one year.

Devices D145 and D146 shall not be operating simutaneously..

For the purpose of this condition, fuel usage shall be defined as the combined usage of both heaters D145 and D146.

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

[Devices subject to this condition : D145]

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 2012, 12-5-2003; RULE 2012, 1-7-2005**]

[Devices subject to this condition : D1, D2, D7]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D12.2 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, 6-3-2005; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;** RULE 1401, 3-4-2005; **RULE 2012, 12-5-2003; RULE 2012, 1-7-2005**]

[Devices subject to this condition : D135]

D12.3 The operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage of the heaters.

[**RULE 1303(b)(2)-Offset, 5-10-1996;** RULE 1303(b)(2)-Offset, 12-6-2002; **RULE 2012, 12-5-2003; RULE 2012, 1-7-2005**]

[Devices subject to this condition : D145]

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

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

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SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The test shall be conducted at least once every year.

The test shall be conducted to demonstrate compliance with the NOx and CO BACT limits.

The test shall be conducted when the heater is operating at normal load.

The test shall be conducted and the results submitted to the District within 60 days after the test date. The AQMD shall be notified of the date and time of the test at least 10 days prior to the test..

[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 2005, 4-20-2001; RULE 2005, 5-6-2005]**

[Devices subject to this condition : D145]

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

The operator shall monitor once during each odorant transfer and tank depressurization.

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

[Devices subject to this condition : C117]

D90.2 The operator shall monitor the VOC concentration of the carbon control system according to the following specifications:

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SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The VOC concentration (measured as methane) measured at the outlet of the secondary carbon vessel shall not exceed 500 ppmv.

For each tank degassing, the VOC concentrations, in PPMV as methane, at the inlet, midpoint, and outlet of the system shall be measured and recorded upon the degassing start-up and at minimum every hour interval thereafter.

The VOC concentration shall be measured according to EPA Reference 21 using an appropriate analyzer calibrated with methane. The analyzer shall be maintained and calibrated per manufacturer guidelines.

[**RULE 1149, 7-14-1995;** RULE 1149, 5-2-2008; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C154]

E. Equipment Operation/Construction Requirements

E57.5 The operator shall vent this equipment to an air pollution control system in full use with a valid permit issued by the Executive Officer whenever the equipment is in operation.

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

[Devices subject to this condition : D78]

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

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

[Devices subject to this condition : D67, D68, D77, D78, D79, D80, D81, D82, D83, D84]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

Whenever the VOC concentration exceeds 500 ppmv measured at the midpoint between the primary and secondary carbon vessels, the carbon adsorbers shall be replaced as follows: The primary carbon canister shall be replaced with either a fresh carbon canister or the secondary carbon canister, and the secondary carbon canister shall be replaced with a fresh carbon canister.

The fresh activated carbon used in the adsorber shall have a carbon tetrachloride (CTC) no. of not less than 60% as measured by ASTM Method D3467.

[**RULE 1149, 7-14-1995;** RULE 1149, 5-2-2008]

[Devices subject to this condition : C154]

E162.1 The operator shall use this equipment only during utility failure periods, except for maintenance purposes.

[RULE 1110.2, 6-3-2005; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;** RULE 1401, 3-4-2005]

[Devices subject to this condition : D135]

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

activated carbon filter which is in proper operating condition

[RULE 402, 5-7-1976]

[Devices subject to this condition : D115]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

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

[Devices subject to this condition : D125]

E191.1 The operator shall vent emissions from transfer of organic liquids to equipment number C131.

[RULE 462, 5-14-1999]

[Devices subject to this condition : D125]

E193.1 The operator shall operate and maintain this equipment according to the following requirements:

Vapors drawn in by the blower shall be vented through two carbon vessels connected in series.

The amount of carbon adsorbent material contained in each carbon canister shall be no less than 400 lbs.

Sampling ports shall be provided at the gas inlet, midpoint, and final exhaust of the two carbon vessels.

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008]

[Devices subject to this condition : C154]

E202.1 The operator shall clean and maintain this equipment according to the following specifications:

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Spent carbon removed from the system shall be removed or stored in sealed containers prior to removal from site.

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008]

[Devices subject to this condition : C154]

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

[RULE 463, 3-11-1994]

[Devices subject to this condition : D67, D68, D77, D78, D79, D80, D81, D82, D83]

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

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1415

[RULE 1415, 10-14-1994]

[Devices subject to this condition : E127]

H23.4 This equipment is subject to the applicable requirements of the following rules or regulations:

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SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176

[RULE 1176, 9-13-1996]

[Devices subject to this condition : D77, D78, D130]

H23.5 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	Ka

[40CFR 60 Subpart Ka, 5-5-1989]

[Devices subject to this condition : D67, D68, D77, D78, D79, D80, D81, D82, D83, D84]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	462

[RULE 462, 5-14-1999]

[Devices subject to this condition : D125]

H23.8 This equipment is subject to the applicable requirements of the following rules or regulations:

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

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
VOC	District Rule	1110.2

The Integrated Air to Fuel Ratio Controller connected with Devices D14, D16, & D17 shall comply with all applicable Inspection and Monitoring requirements as outlined in approved compliance plan under section I of this permit.

[RULE 1110.2, 6-3-2005]

[Devices subject to this condition : D14, D16, D17]

H23.9 This equipment is subject to the applicable requirements of the following rules or regulations:

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

[**RULE 1149, 7-14-1995;** RULE 1149, 5-2-2008; **RULE 1176, 9-13-1996**]

[Devices subject to this condition : C154]

I. Administrative

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

I296.1 This equipment shall not be operated unless the operator demonstrates to the Executive Officer that the facility holds sufficient RTCs to offset the annual emissions increase for the first 12 months of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the start of operation, the facility holds sufficient RTCs in an amount equal to the annual emissions increase.

To comply with this condition, the operator shall prior to each compliance year hold a minimum NOx RTCs of 335 lbs. This condition shall commence with the initial operation of the heaters. For this condition only the RTC requirements are for D145 and D146 combined.

For the purposes of this condition, the annual emission increase is INTEGER lbs. of EXACT CHAR

RTCs held for the purpose of demonstrating compliance with this condition either at the commencement of initial operation or of a compliance year may be sold only after 12 months of start of initial operation or after the fourth quarter of the applicable compliance year, respectively. CONDITION PARAMETER NOT SET UP

[RULE 2005, 4-20-2001; RULE 2005, 5-6-2005]

[Devices subject to this condition : D145]

K. Record Keeping/Reporting

K40.2 The operator shall provide to the District a source test report in accordance with the following specifications:

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

Emission data shall be expressed in terms of concentration (ppmv) corrected to 3 percent oxygen (dry basis), mass rate (lbs/hr), and lbs/MM Cubic Feet. In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

All exhaust flow rate shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM).

All moisture concentration shall be expressed in terms of percent corrected to 3 percent oxygen.

Source test results shall also include the oxygen levels in the exhaust, fuel flow rate (CFH), and the flue gas temperature under which the test was conducted.

[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 2005, 4-20-2001; RULE 2005, 5-6-2005]**

[Devices subject to this condition : D145]

K48.1 The operator shall maintain records in a manner approved by the District, to demonstrate compliance with the following condition number(s):

Condition Number C 1- 2

[RULE 462, 5-14-1999]

[Devices subject to this condition : D125]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

K48.2 The operator shall maintain records in a manner approved by the District, to demonstrate compliance with the following condition number(s):

Condition Number D 90- 2

Condition Number E 153- 1

[**RULE 1149, 7-14-1995;** RULE 1149, 5-2-2008]

[Devices subject to this condition : C154]

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

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records 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 : E126]

K67.3 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/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Date of operation, the elapsed time, in hours and the reason of operation.

Records shall be kept and maintained on file for a minimum of two years and made available to AQMD personnel upon request.

[RULE 1110.2, 6-3-2005; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;** RULE 1401, 3-4-2005]

[Devices subject to this condition : D135]