FACILITY PERMIT TO OPERATE

BP WEST COAST PROD.LLC BP CARSON REF.
2350 E 223RD ST
CARSON, CA 90749

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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: CRUDE DISTILLATION					
System 1: NO.1 CRUDE UNIT					S13.2, S46.1, S46.2, S56.1
TOWER, RGO STRIPPER, RPV-4202, HEIGHT: 20 FT ; DIAMETER: 5 FT A/N:	D1				
TOWER, RPV-4200, CRUDE, WITH RELIEF VALVE VENTED TO FLARE NO. 5, HEIGHT: 137 FT ; DIAMETER: 16 FT 6 IN A/N:	D2				
TOWER, SIDE STRIPPER, RPV-4201A, STOVE OIL, HEIGHT: 33 FT 4 IN; DIAMETER: 6 FT 6 IN A/N:	D3				
TOWER, DIESEL STRIPPER, RPV-4201B, HEIGHT: 35 FT 1 IN; DIAMETER: 6 FT 6 IN A/N:	D4				
TANK, FLASH, RPV-4205, CRUDE, HEIGHT: 30 FT ; DIAMETER: 10 FT A/N:	D5				
VESSEL, DESALTER, SECOND STAGE, RPV-4206, LENGTH: 100 FT ; DIAMETER: 13 FT A/N:	D6				
VESSEL, DESALTER, FIRST STAGE, RPV-4207, LENGTH: 100 FT ; DIAMETER: 13 FT A/N:	D7				

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(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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Process 1: CRUDE DISTILLATION					
ACCUMULATOR, RPV 4209, CRUDE TOWER OVERHEAD, WITH PRESSURE RELIEF VALVE VENTED TO FLARE NO.5, HEIGHT: 26 FT ; DIAMETER: 9 FT A/N:	D8				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2459			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 2: NO.2 CRUDE DISTILLATION UNIT					S13.2, S46.1, S46.2, S56.1
TOWER, RPV-2900, CRUDE, WITH RELIEF VALVE VENTED TO ATMOSPHERE, HEIGHT: 99 FT 6 IN; DIAMETER: 12 FT A/N: 395632	D10				
TOWER, DIESEL STRIPPER/STOVE OIL STRIPPER, RPV-2901, HEIGHT: 37 FT ; DIAMETER: 5 FT A/N: 395632	D11				
TOWER, NAPHTHA SPLITTER, RPV-2902, WITH RELIEF VALVE VENTED TO ATMOSPHERE, HEIGHT: 71 FT 6 IN; DIAMETER: 7 FT A/N: 395632	D12				
TOWER, DEBUTANIZER, RPV-2903, WITH RELIEF VALVE VENTED TO ATMOSPHERE, HEIGHT: 73 FT 2 IN; DIAMETER: 3 FT 6 IN A/N: 395632	D13				

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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
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Process 1: CRUDE DISTILLATION					
VESSEL, DESALTER, FIRST STAGE, RPV-2906, CRUDE OIL, LENGTH: 37 FT ; DIAMETER: 12 FT A/N: 395632	D14				
ACCUMULATOR, RPV-2907, CRUDE TOWER OVERHEAD, LENGTH: 29 FT ; DIAMETER: 8 FT A/N: 395632	D15				
ACCUMULATOR, RPV-2908, NAPHTHA SPLITTER REFLUX, LENGTH: 18 FT ; DIAMETER: 6 FT 6 IN A/N: 395632	D16				
ACCUMULATOR, RPV-2909, DEBUTANIZER REFLUX, LENGTH: 12 FT ; DIAMETER: 4 FT A/N: 395632	D17				
DRUM, NAPHTHA SPLITTER DEWATERING, RPV-5933, HEIGHT: 6 FT ; DIAMETER: 1 FT A/N: 395632	D18				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 395632	D2460			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 3: NO.4 CRUDE DISTILLATION UNIT					S13.2, S46.1, S46.2, S56.1
TOWER, RPV-607, CRUDE, HEIGHT: 83 FT 8 IN; DIAMETER: 10 FT 6 IN A/N: 395630	D19				
ACCUMULATOR, RPV-648, CRUDE TOWER OVERHEAD, LENGTH: 16 FT 9 IN; DIAMETER: 5 FT 6 IN A/N: 395630	D20				

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(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 1: CRUDE DISTILLATION					
ACCUMULATOR, RPV-625, CRUDE STRIPPER OVERHEAD, HEIGHT: 10 FT ; DIAMETER: 4 FT A/N: 395630	D21				
VESSEL, SEPARATOR, RPV-626, CRUDE TOWER OVERHEAD WATER, HEIGHT: 9 FT 6 IN; DIAMETER: 2 FT 11 IN A/N: 395630	D22				
TOWER, DIESEL, STOVE OIL & NAPHTHA STRIPPER, RPV-672A&B, HEIGHT: 53 FT ; DIAMETER: 4 FT A/N: 395630	D23				
VESSEL, DESALTER, RPV-645, CRUDE, HEIGHT: 40 FT ; DIAMETER: 12 FT A/N: 395630	D24				
TOWER, CRUDE STRIPPER, RPV-646, HEIGHT: 59 FT ; DIAMETER: 10 FT A/N: 395630	D25				
TANK, COLLECTION, RPV 5564, CRUDE UNIT WATER, HEIGHT: 7 FT ; DIAMETER: 3 FT 6 IN A/N: 395630	D26			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]	H23.12
ACCUMULATOR, RPV-5724, CRUDE STRIPPER OVERHEAD, HEIGHT: 16 FT 6 IN; DIAMETER: 5 FT 6 IN A/N: 395630	D1332				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 395630	D2461			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 4: CRUDE DISTILLATION UNIT HEATERS					

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
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(7) Denotes NSR applicability limit
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Process 1: CRUDE DISTILLATION					
HEATER, NO.1 CRUDE OIL DISTILLATION, REFINERY GAS, WITH LOW NOX BURNER, 550 MMBTU/HR WITH A/N: 395997 BURNER, SIXTEEN BURNERS, REFINERY GAS, JOHN ZINK, MODEL PFMR-13, WITH LOW NOX BURNER, 550 MMBTU/HR	D27		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	A63.29, B61.4, D29.3, D90.4, D328.1, H23.1, K67.2
HEATER, NO. 21, NO.2 CRUDE OIL DISTILLATION CHARGE, REFINERY GAS, WITH LOW NOX BURNER, 150 MMBTU/HR WITH A/N: 395610 BURNER, TWELVE(12) BURNERS, REFINERY GAS, JOHN ZINK, MODEL PSMR-16, WITH LOW NOX BURNER, 150 MMBTU/HR	D29		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.4, D90.4, D328.1, H23.1
HEATER, NO.4 CRUDE OIL DISTILLATION CHARGE, REFINERY GAS, WITH LOW EXCESS AIR FIRING, 130 MMBTU/HR WITH A/N: 450144 BURNER, TEN (10) BURNERS, REFINERY GAS, CALLIDUS TECHNOLOGIES, MODEL CUBLX-10W, 10 TOTAL; 130 MMBTU/HR	D31		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	A63.20, B61.4, D29.3, D90.4, D328.1, H23.1, K67.2

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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.)
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Process 1: CRUDE DISTILLATION					
HEATER, NO.22, NO. 2 CRUDE OIL DISTILLATION, REFINERY GAS, WITH LOW NOX BURNER, 100 MMBTU/HR WITH A/N: 395609 BURNER, TWELVE (12) BURNERS, REFINERY GAS, CALLIDUS TECHNOLOGIES, MODEL LE-CSG-8W, WITH LOW NOX BURNER, 100 MMBTU/HR	D33		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.4, D90.4, D328.1, H23.1
System 5: NO. 51 VACUUM DISTILLATION UNIT					S13.2, S31.5, S56.1
TANK, SURGE, FEED, RPV 2500, WITH GAS BLANKET, LENGTH: 45 FT ; DIAMETER: 13 FT A/N:	D35				
TOWER, VACUUM, RPV 2501, HEIGHT: 66 FT ; DIAMETER: 26 FT A/N: 395515	D36				
TANK, SURGE, RPV-2525, TOP SECTION: LIGHT GAS OIL; BOTTOM SECTION: HEAVY GAS OIL, HEIGHT: 22 FT ; DIAMETER: 5 FT A/N: 395515	D37				
KNOCK OUT POT, RPV 3240, OFF-GASES, HEIGHT: 8 FT ; DIAMETER: 2 FT A/N:	D38				
VESSEL, SEPARATOR, RPV 3210, FUEL GAS, HEIGHT: 20 FT 6 IN; DIAMETER: 3 FT 6 IN A/N:	D39				

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(3) Denotes RECLAIM concentration limit
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(5) (5A) (5B) Denotes command and control emission limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: CRUDE DISTILLATION					
KNOCK OUT POT, RPV 2527, FUEL GAS, HEIGHT: 6 FT 9 IN; DIAMETER: 3 FT A/N: 395515	D40				
POT, BLOWDOWN FLASH, RPV-5550, HEIGHT: 7 FT 8 IN; DIAMETER: 4 FT A/N:	D41				
DRUM, QUENCH, RPV 5546, HEIGHT: 13 FT ; DIAMETER: 5 FT A/N:	D42				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2462			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 6: NO. 52 VACUUM DISTILLATION UNIT					S13.2, S46.1, S46.2, S56.1
TOWER, VACUUM, RPV-3400, HEIGHT: 45 FT ; DIAMETER: 10 FT A/N:	D43				
TANK, SURGE, RPV-3405, HEAVY GAS OIL, HEIGHT: 12 FT ; DIAMETER: 4 FT A/N:	D44				
TANK, SURGE, RPV-5466, RECYCLE OIL, HEIGHT: 12 FT ; DIAMETER: 3 FT A/N:	D45				
TANK, SURGE, RPV-3407, LIGHT GAS OIL, HEIGHT: 7 FT ; DIAMETER: 3 FT A/N:	D46				

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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.)
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Process 1: CRUDE DISTILLATION					
TANK, SURGE, RPV-3410, FEED, WITH GAS BLANKET, HEIGHT: 20 FT ; DIAMETER: 10 FT A/N: 395514	D47				
VESSEL, COALESCER, RPV 3412, LENGTH: 20 FT 6 IN; DIAMETER: 4 FT 6 IN A/N:	D49				
POT, STRAINER, RPV 5478, LIGHT GAS WASH OIL, HEIGHT: 2 FT 6 IN; DIAMETER: 8 IN A/N:	D56				
POT, STRAINER, RPV 5469, HEAVY GAS WASH OIL, HEIGHT: 2 FT 6 IN; DIAMETER: 8 IN A/N:	D57				
POT, STRAINER, RPV 5470, HEAVY GAS OIL WASH, HEIGHT: 2 FT 6 IN; DIAMETER: 8 IN A/N:	D58				
POT, STRAINER, RPV 5479, LIGHT GAS OIL, HEIGHT: 2 FT 6 IN; DIAMETER: 8 IN A/N:	D60				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2463			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 7: SLOP OIL RERUN UNIT					S56.1
DRUM, DEWATERING, RPV 107, LENGTH: 30 FT ; DIAMETER: 10 FT A/N: 471488	D59				

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(3) Denotes RECLAIM concentration limit
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(5) (5A) (5B) Denotes command and control emission limit
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Process 1: CRUDE DISTILLATION					
TOWER, RERUN, RPV 670, HEIGHT: 47 FT 6 IN; DIAMETER: 3 FT A/N: 471488	D61				
ACCUMULATOR, RPV-1027, RERUN TOWER OVERHEAD, HEIGHT: 6 FT 6 IN; DIAMETER: 5 FT A/N: 471488	D62				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 471488	D2464			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 8: VACUUM DISTILLATION UNIT HEATERS					
HEATER, NO.51 VACUUM UNIT HEATER, BOX TYPE, NATURAL GAS, REPLACING H-401 AND H-402, WITH LOW NOX BURNER, 300 MMBTU/HR WITH A/N: 395760 BURNER, 32 BURNERS, NATURAL GAS, JOHN ZINK, MODEL PSMR-17, WITH LOW NOX BURNER, 300 MMBTU/HR	D63	C1335	NOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	A63.30, D29.3, D328.1, K67.2
SELECTIVE CATALYTIC REDUCTION, NORTON MANUFACTURER, MODULE TYPE ZEOLITE HONEYCOMB CATALYST, 120 CU.FT. A/N: 395758	C1335	D63		**NH3**: 20 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	D12.5, D12.6, D28.4, E57.1

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Process 1: CRUDE DISTILLATION					
HEATER, NO.52 VACUUM UNIT, REFINERY GAS, WITH LOW NOX BURNER, 120 MMBTU/HR WITH A/N: 407216 BURNER, EIGHT BURNERS, REFINERY GAS, JOHN ZINK STAGED FUEL, WITH LOW NOX BURNER, 120 MMBTU/HR	D67		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	A63.32, B61.4, D29.3, D90.4, D328.1, H23.1
System 9: SLOP OIL RERUN UNIT HEATERS					
HEATER, REFINERY GAS, BORN, MODEL CYLINDRICAL TYPE, SLOP OIL RERUN UNIT, WITH LOW NOX BURNER, 3.9 MMBTU/HR WITH A/N: 395981 BURNER, REFINERY GAS, CALLIDUS TECHNOLOGIES, MODEL LE-CSG-4W, WITH LOW NOX BURNER, 3.9 MMBTU/HR	D69		NOX: PROCESS UNIT**; SOX: MAJOR SOURCE**	**CO**: 400 PPMV (5A) [RULE 1146, 9-5-2008; **RULE 1146.1, 5-13-1994**]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 0.1 LBS/MMBTU REFINERY GAS (1) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.4, D90.4, D332.1, H23.1, K67.2
Process 2: COKING AND RESIDUAL CONDITIONING					
System 1: DELAYED COKING UNIT NO.1					S13.2, S46.1, S46.2, S56.1
COKE DRUM, RPV 1958, NO. 1, HEIGHT: 73 FT ; DIAMETER: 21 FT 6 IN A/N: 438604	D70			**PM**: (9) [**RULE 405, 2-7-1986**]	

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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 2: COKING AND RESIDUAL CONDITIONING					
COKE DRUM, RPV 1959, NO. 2, HEIGHT: 73 FT ; DIAMETER: 21 FT 6 IN A/N: 438604	D71			**PM**: (9) [**RULE 405, 2-7-1986**]	
COKE DRUM, RPV 1960, NO. 3,, HEIGHT: 73 FT ; DIAMETER: 21 FT 6 IN A/N: 438604	D72			**PM**: (9) [**RULE 405, 2-7-1986**]	
COKE DRUM, RPV 1961, NO. 4, HEIGHT: 73 FT ; DIAMETER: 21 FT 6 IN A/N: 438604	D73			**PM**: (9) [**RULE 405, 2-7-1986**]	
FRACTIONATOR, COKER, RPV 1950, T-1, HEIGHT: 129 FT ; DIAMETER: 12 FT 6 IN A/N: 438604	D74				
COLUMN, STRIPPER, RPV 1951, STOVE OIL, HEIGHT: 19 FT 3 IN; DIAMETER: 4 FT A/N: 438604	D75				
COLUMN, STRIPPER, RPV 1952, LIGHT GAS OIL, HEIGHT: 19 FT 3 IN; DIAMETER: 4 FT A/N: 438604	D76				
ACCUMULATOR, RPV 1963, FRACTIONATOR OVERHEAD, WITH SOUR WATER BOOT WI, LENGTH: 24 FT 9 IN; DIAMETER: 8 FT A/N: 438604	D78			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 2: COKING AND RESIDUAL CONDITIONING					
DRUM, BLOWDOWN KNOCKOUT, RPV 1957, D-8, (COMMON TO COKER NO. 1 AND BLOWDOWN FACILITY), HEIGHT: 42 FT ; DIAMETER: 12 FT A/N: 438604	D79				
PIT, COKE, COMMON TO #1 COKER AND #2 COKER, WIDTH: 40 FT ; DEPTH: 29 FT ; LENGTH: 162 FT A/N: 438604	D81				
FILTER, FUEL GAS, RW 6090 289.02, HEIGHT: 10 FT 7 IN; DIAMETER: 2 FT 8 IN A/N: 438604	D2388				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 438604	D2465			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 2: DELAYED COKING UNIT NO.2					S13.2, S46.1, S46.2, S56.1
PIT, COKE, COMMON TO #1 COKER AND #2 COKER, WIDTH: 40 FT ; DEPTH: 29 FT ; LENGTH: 162 FT A/N: 438604	D81				
FRACTIONATOR, COKER, RPV-1360, T2-1, HEIGHT: 157 FT ; DIAMETER: 12 FT 6 IN A/N: 429502	D82				
COLUMN, STRIPPER, RPV 1361, STOVE OIL, HEIGHT: 19 FT 4 IN; DIAMETER: 4 FT A/N: 429502	D83				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 2: COKING AND RESIDUAL CONDITIONING					
COLUMN, STRIPPER, RPV 1362,T2-2A,2B, HEIGHT: 20 FT 1 IN; DIAMETER: 4 FT A/N: 429502	D84				
COKE DRUM, RPV 1365, NO. 5, D2-1A, HEIGHT: 97 FT ; DIAMETER: 21 FT 6 IN A/N: 429502	D85			**PM**: (9) [**RULE 405, 2-7-1986**]	
COKE DRUM, RPV 1366, NO. 6, D2-1B, HEIGHT: 97 FT ; DIAMETER: 21 FT 6 IN A/N: 429502	D86			**PM**: (9) [**RULE 405, 2-7-1986**]	
ACCUMULATOR, RPV 1368, D2-2, FRACTIONATOR OVERHEAD, WITH SOUR WATER BOOT, HEIGHT: 25 FT ; DIAMETER: 8 FT A/N: 429502	D87				
KNOCK OUT POT, BLOWDOWN, RPV 1371, D2-8, (COMMON TO COKER NO. 2 AND COMPRESSION UNIT), HEIGHT: 42 FT ; DIAMETER: 12 FT A/N: 429502	D88				
DRUM, STEAM BLOWDOWN, RPV 1369, HEIGHT: 6 FT ; DIAMETER: 2 FT 6 IN A/N: 429502	D89				
DRUM, BLOWDOWN SETTLING, RPV 1372, HEIGHT: 39 FT 8 IN; DIAMETER: 10 FT A/N: 429502	D90				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 2: COKING AND RESIDUAL CONDITIONING					
DRUM, BLOWDOWN QUENCH, RPV 1373, HEIGHT: 24 FT 3 IN; DIAMETER: 3 FT 6 IN A/N: 429502	D91				
POT, STRAINER, BLOWDOWN SUCTION, RPV 5509 AND 5510, HEIGHT: 2 FT 7 IN; DIAMETER: 1 FT 4 IN A/N: 429502	D92				
FILTER, FUEL GAS, RW 5930 289.02, HEIGHT: 11 FT 3 IN; DIAMETER: 1 FT 10 IN A/N: 429502	D2389				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 429502	D2466			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 3: DELAYED COKER NO.1 BLOWDOWN FACILITY					S13.2, S56.1
DRUM, BLOWDOWN KNOCKOUT, RPV 1957, D-8, (COMMON TO COKER NO. 1 AND BLOWDOWN FACILITY), HEIGHT: 42 FT ; DIAMETER: 12 FT A/N: 438604	D79				
DRUM, BLOWDOWN SETTLING, RPV 1955, D-9, LENGTH: 40 FT ; DIAMETER: 10 FT A/N: 435095	D94				
KNOCK OUT POT, BLOWDOWN AFTERCONDENSER, RPV 4300, D-12, WITH VAPOR RECOVERY SYSTEM, HEIGHT: 12 FT ; DIAMETER: 6 FT A/N: 435095	D95				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 2: COKING AND RESIDUAL CONDITIONING					
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 435095	D2467			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 5: DELAYED COKER GAS COMPRESSION& LEAN OIL ABSORPTION UNIT					S13.2, S18.8, S56.1
KNOCK OUT POT, BLOWDOWN, RPV 1371, D2-8, (COMMON TO COKER NO. 2 AND COMPRESSION UNIT), HEIGHT: 42 FT ; DIAMETER: 12 FT A/N: 429502	D88				
DRUM, BLOWDOWN SETTLING , RPV 1372, D-2-9, COMMON TO #2 COKER, LENGTH: 40 FT ; DIAMETER: 10 FT A/N: 438615	D98				
TANK, FLASH, 2ND STAGE GAS COMINGLER, RPV 1969, LENGTH: 14 FT ; DIAMETER: 5 FT A/N: 438615	D101				
ABSORBER, RPV-4350, LEAN OIL (V-B-300), HEIGHT: 74 FT ; DIAMETER: 8 FT 6 IN A/N: 438615	D102				
COMPRESSOR, RW-11 08706, 1ST STAGE GAS, CENTRIFUGAL WITH OIL SEALS, CAPACITY 1.86 MMSCFH A/N: 438615	D103				
COMPRESSOR, 2ND STAGE , RW 12 08706, CENTRIFUGAL WITH OIL SEALS, CAPACITY 0.55 MMSCFH A/N: 438615	D104				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 2: COKING AND RESIDUAL CONDITIONING					
KNOCK OUT POT, NORTH CONTACTOR INLET,RPV 4356, HEIGHT: 10 FT 8 IN; DIAMETER: 5 FT 6 IN A/N: 438615	D105				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 438615	D2468			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 6: BLOWDOWN GAS COMPRESSION SYSTEM					S13.2, S18.7, S31.6, S56.1
COMPRESSOR, A, BLOWDOWN RECOVERY RECIPROCATING, RW 0042 087.32, 2 STAGE WITH INTER-STAGE COOLING A/N:	D111				
COMPRESSOR, B, BLOWDOWN RECOVERY RECIPROCATING, RW 0043 087.32, 2 STAGE WITH INTER-STAGE COOLING A/N:	D112				
COMPRESSOR, C, BLOWDOWN RECOVERY RECIPROCATING, RW 0044 087.32, 2 STAGE WITH INTER-STAGE COOLING A/N:	D113				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2469			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 8: RAW PETROLEUM COKE HANDLING AND STORAGE					S7.2, S7.3, S13.1
HOPPER, RECEIVING, 15 TONS A/N:	D121			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, A103.1, D323.2

* (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

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FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 2: COKING AND RESIDUAL CONDITIONING					
HOPPER, RECEIVING, 15 TONS A/N:	D122			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, A103.1, D323.2
FEEDER, VIBRATING, RW 0003 271.02, HEWITT-ROBINS, STYLE E-9, 7 1/2 H.P. A/N:	D124			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2
CONVEYOR, BELT, NO.1A, RW 560 35601, PETROLEUM COKE, 20 H.P. A/N:	D127			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2, E204.4
CONVEYOR, BELT, NO.1B, RW 777 35601, PETROLEUM COKE, 20 H.P. A/N:	D128			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2, E204.4
CONVEYOR, NO.2, RW 778 35601, 20 H.P. A/N:	D129			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2, E204.4
CONVEYOR, BELT, NO.3, RW 779 35601, PETROLEUM COKE, 20 H.P. A/N:	D130			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2, E204.4
CONVEYOR, BELT, NO.4, RW 780 35601, 50 H.P., (LOCATED IN TUNNEL UNDER SOUTHERN PACIFIC AND, PETROLEUM COKE, PACIFIC ELECTRIC RAILROADS AND ALAMEDA STREET) A/N:	D131			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2, E204.4
CONVEYOR, BELT, NO.5, RW 415 35601, PETROLEUM COKE, 40 H.P. A/N:	D132			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2, E204.4

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 2: COKING AND RESIDUAL CONDITIONING					
CONVEYOR, BELT, NO.6, RW 782 35601, PETROLEUM COKE, 10 H.P. (REVERSIBLE-LOCATED IN SCREEN HOUSE) A/N:	D133			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2, E204.3, E204.4
CONVEYOR, BELT, NO.7, RW 691 35601, PETROLEUM COKE, 5 H.P. A/N:	D134			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2, E204.3, E204.4
CONVEYOR, BELT, NO.8, RW 693 35601, PETROLEUM COKE, 3 H.P. (LOCATED IN SCREEN HOUSE) A/N:	D135			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2, E204.3, E204.4
CONVEYOR, BELT, NO.9, RW 692 35601, PETROLEUM COKE, 3 H.P. (REVERSIBLE-LOCATED IN SCREEN HOUSE) A/N:	D136			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2, E204.3, E204.4
CONVEYOR, BELT, NO.10, RW 420 35601, PETROLEUM COKE, 5 H.P. A/N:	D137			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2, E204.3, E204.4
CONVEYOR, BELT, NO.11, RW 421 35601, PETROLEUM COKE, 30 H.P. A/N:	D138			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2, E204.3, E204.4
CONVEYOR, BELT, NO.12, RW 422 35601, PETROLEUM COKE, 20 H.P. A/N:	D139			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2, E204.3, E204.4

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 2: COKING AND RESIDUAL CONDITIONING					
CONVEYOR, BELT, NO.13, RW 783 35601, PETROLEUM COKE, REVERSIBLE SHUTTLE TYPE WITH 10 H.P. DRIVE MOTOR A/N:	D140			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2, E204.3, E204.4
CRUSHER, #2 COKER, COKE, RW 4 12304, 75 HP MOTOR A/N:	D141			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2
FEEDER, #1, VIBRATING, RW 5 17102 A/N:	D142			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2
CRUSHER, COKE, #1A COKER, RW 1 12304, 70 HP MOTOR A/N:	D143			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2
FEEDER, #1, VIBRATING, RW 5 17102 A/N:	D144			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2
CONVEYOR, 1A, RW 5 17102 A/N:	D145			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2
STORAGE BUILDING, PETROLEUM COKE STORAGE BUILDING, WIDTH: 190 FT ; HEIGHT: 96 FT 6 IN; LENGTH: 575 FT A/N:	D146			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2
System 9: EMERGENCY RAW PETROLEUM COKE HANDLING & STORAGE					S7.4, S13.1
HOPPER, RECEIVING, 15 TONS A/N:	D121			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, A103.1, D323.2
HOPPER, RECEIVING, 15 TONS A/N:	D122			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, A103.1, D323.2
FEEDER, VIBRATING, RW 0003 271.02, HEWITT-ROBINS, STYLE E-9, 7 1/2 H.P. A/N:	D124			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 2: COKING AND RESIDUAL CONDITIONING					
CONVEYOR, BELT, NO.1A, RW 560 35601, PETROLEUM COKE, 20 H.P. A/N:	D127			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2, E204.4
CONVEYOR, BELT, NO.1B, RW 777 35601, PETROLEUM COKE, 20 H.P. A/N:	D128			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2, E204.4
CONVEYOR, NO.2, RW 778 35601, 20 H.P. A/N:	D129			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2, E204.4
CONVEYOR, BELT, NO.3, RW 779 35601, PETROLEUM COKE, 20 H.P. A/N:	D130			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2, E204.4
CONVEYOR, BELT, NO.4, RW 780 35601, 50 H.P., (LOCATED IN TUNNEL UNDER SOUTHERN PACIFIC AND, PETROLEUM COKE, PACIFIC ELECTRIC RAILROADS AND ALAMEDA STREET) A/N:	D131			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2, E204.4
CONVEYOR, STACKER BELT, NO. 16, RW 695 35601, WITH A 10 H.P. MOTOR, COVERED A/N:	D147			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2, E204.5
OPEN STORAGE PILE, COKE, 8000 TON CONCRETE STORAGE AREA, WITH WATER SPRAY AND A BACKSTOP WALL A/N:	D148			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, A103.1, D323.2, E204.1, E204.2
HOPPER, RERUN COKE AND PIT A/N:	D149			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2

* (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

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FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 2: COKING AND RESIDUAL CONDITIONING					
CONVEYOR, RERUN BELT, NO. 17, RW 696 35601, WITH 30 H.P. MOTOR, COVERED A/N:	D150			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.25, D323.2, E204.5, E204.6
System 10: HEATERS					
HEATER, NO. 1 DELAYED COKER UNIT(WEST), REFINERY GAS, WITH LOW NOX BURNER, 130 MMBTU/HR WITH A/N: 462536 BURNER, TWENTY FOUR(24) BURNERS, REFINERY GAS, CALLIDUS, MODEL LE-CFSG-6W, WITH LOW NOX BURNER, 130 MMBTU/HR	D151		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.4, C1.23, D90.4, D328.1, H23.1, K67.2
HEATER, NO. 1 DELAYED COKER UNIT(EAST), REFINERY GAS, WITH LOW NOX BURNER, 130 MMBTU/HR WITH A/N: 462537 BURNER, TWENTY FOUR(24) BURNERS, REFINERY GAS, CALLIDUS, MODEL LE-CFSG-6W, WITH LOW NOX BURNER, 130 MMBTU/HR	D153		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.4, C1.23, D90.4, D328.1, H23.1, K67.2

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 2: COKING AND RESIDUAL CONDITIONING					
HEATER, NO. 1, DELAYED COKER UNIT NO. 2, REFINERY GAS, FOSTER WHEELER, MODEL SERIAL NO 1685, WITH LOW NOX BURNER, 130 MMBTU/HR WITH A/N: 395827 BURNER, TWENTY FOUR (24) BURNERS, REFINERY GAS, CALLIDUS, MODEL LE-CFSG-6W, WITH LOW NOX BURNER, 130 MMBTU/HR	D155		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	A63.16, B61.4, C1.23, D29.3, D90.4, D328.1, H23.1, K67.2
System 11: COKER GAS TREATING/H2S ABSORPTION					S13.2, S15.6, S18.9, S31.10, S56.1
KNOCK OUT POT, (V-B-103B) RPV 1670, SOUTH MDEA CONTACTOR FEED, HEIGHT: 54 FT 8 IN; DIAMETER: 6 FT A/N:	D158				
VESSEL, NORTH MDEA CONTACTOR, (V-B-104A) RPV 1953, HEIGHT: 54 FT 8 IN; DIAMETER: 6 FT 6 IN A/N:	D159				
VESSEL, SOUTH MDEA CONTACTOR, (V-B-104B) RPV-1669, HEIGHT: 45 FT ; DIAMETER: 6 FT 6 IN A/N:	D160				

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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

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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 2: COKING AND RESIDUAL CONDITIONING					
KNOCK OUT POT, NORTH MDEA CONTACTOR OUTLET, (V-B-105A) RPV-1970, HEIGHT: 9 FT 6 IN; DIAMETER: 2 FT 6 IN A/N:	D161				
KNOCK OUT POT, NORTH MDEA CONTACTOR OUTLET, (V-B-105B) RPV-1671, HEIGHT: 9 FT 6 IN; DIAMETER: 2 FT 6 IN A/N:	D162				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2470			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
Process 3: FLUID CATALYTIC CRACKING					
System 1: FLUID CATALYTIC CRACKING UNIT					S13.2, S31.9, S42.1, S56.1

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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
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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 3: FLUID CATALYTIC CRACKING					
REGENERATOR, RPV-2318, HEIGHT: 81 FT 3 IN; DIAMETER: 51 FT 8 IN A/N:	D164	D234	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 500 PPMV (5A) [**CONSENT DECREE CIVIL NO. 2:96 CV 095 RL, 8-29-2001**]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **HAP**: (10) [**40CFR 63 Subpart UUU, #2, 4-20-2006**]; **NOX**: 40 PPMV (5A) [**CONSENT DECREE CIVIL NO. 2:96 CV 095 RL, 8-29-2001**]; **NOX**: 72 PPMV (5B) [**CONSENT DECREE CIVIL NO. 2:96 CV 095 RL, 8-29-2001**]; **PM**: (9) [**RULE 404, 2-7-1986; RULE 405, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]; **SO2**: 162 PPMV (5A) [**CONSENT DECREE CIVIL NO. 2:96 CV 095 RL, 8-29-2001**]; **SO2**: 236 PPMV (5B) [**CONSENT DECREE CIVIL NO. 2:96 CV 095 RL, 8-29-2001**]	A195.1, A195.2, A195.3, A195.4, A195.6, D29.8, D82.4, D323.3
COLUMN, STRIPPER, RPV 2321, LIGHT CYCLE OIL, HEIGHT: 19 FT 6 IN; DIAMETER: 7 FT 6 IN A/N:	D165				
FRACTIONATOR, MAIN, RPV-2322, HEIGHT: 99 FT 9 IN; DIAMETER: 27 FT A/N:	D166				
REACTOR, DISENGAGER, RPV 2323, HEIGHT: 96 FT 7 IN; DIAMETER: 39 FT 8 IN A/N:	D167				

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(5) (5A) (5B) Denotes command and control emission limit
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(9) See App B for Emission Limits
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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 3: FLUID CATALYTIC CRACKING					
ACCUMULATOR, RPV 2350, FRACTIONATOR OVERHEAD, HEIGHT: 20 FT ; DIAMETER: 12 FT A/N:	D168				
VESSEL, TOP REFLUX SETTLER, RPV 2395, (COMMON TO FCC GAS PLANT), LENGTH: 40 FT ; DIAMETER: 12 FT A/N:	D169			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
TANK, SURGE, HOT FEED, RPV 2618, LENGTH: 45 FT ; DIAMETER: 12 FT A/N:	D170				
ELECTROSTATIC PRECIPITATOR, RPV 3980, "A" SKID SOUTH #5, CLAROIL, GULFTRONICS A/N:	D172				
ELECTROSTATIC PRECIPITATOR, RPV 3981, "A" SKID NORTH #5, CLAROIL, GULFTRONICS A/N:	D173				
ELECTROSTATIC PRECIPITATOR, RPV 3982,"A" SKID SOUTH #4, CLAROIL, GULFTRONICS A/N:	D174				
ELECTROSTATIC PRECIPITATOR, RPV 3983, "A" SKID NORTH #4, CLAROIL, GULFTRONICS A/N:	D175				
ELECTROSTATIC PRECIPITATOR, RPV 3984, "A" SKID SOUTH #3, CLAROIL, GULFTRONICS A/N:	D176				

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(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
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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 3: FLUID CATALYTIC CRACKING					
ELECTROSTATIC PRECIPITATOR, RPV 3985,"A" SKID NORTH #3, CLAROIL, GULFTRONICS A/N:	D177				
ELECTROSTATIC PRECIPITATOR, RPV 3986, "A" SKID SOUTH #2, CLAROIL, GULFTRONICS A/N:	D178				
ELECTROSTATIC PRECIPITATOR, RPV 3987, "A" SKID NORTH #2, CLAROIL, GULFTRONICS A/N:	D179				
ELECTROSTATIC PRECIPITATOR, RPV 3989, "A" SKID NORTH #1, CLAROIL, GULFTRONICS A/N:	D180				
ELECTROSTATIC PRECIPITATOR, RPV 3988," A" SKID SOUTH #1, CLAROIL, GULFTRONICS A/N:	D181				
VESSEL, # 2 DEPROPANIZER, RPV 5579, HEIGHT: 6 FT ; DIAMETER: 3 FT A/N:	D182				
BIN, STORAGE, ADDITIVE, INTERCAT, HEIGHT: 30 FT ; DIAMETER: 5 FT A/N:	D183			**PM**: (9) [**RULE 404, 2-7-1986; RULE 405, 2-7-1986**]	D323.4
STORAGE TANK, HOT CATALYST, RPV 2316, CATALYST, HEIGHT: 65 FT ; DIAMETER: 17 FT A/N:	D184			**PM**: (9) [**RULE 404, 2-7-1986; RULE 405, 2-7-1986**]	D323.4

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(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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FACILITY PERMIT TO OPERATE
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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 3: FLUID CATALYTIC CRACKING					
KNOCK OUT POT, COLD STORAGE EJECTOR, RW 6335, HEIGHT: 8 FT ; DIAMETER: 2 FT A/N:	D185				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2471			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 2: FCCU GAS PLANT					S13.2, S15.6, S31.2, S31.9, S56.1
POT, RERUN PREHEATER, CONDENSATE, RPV 2370, HEIGHT: 3 FT ; DIAMETER: 2 FT A/N:	D186				
TOWER, RPV 2372, RERUN, HEIGHT: 49 FT 2 IN; DIAMETER: 12 FT A/N:	D187				
ACCUMULATOR, RPV 2375, RERUN TOWER OVERHEAD, LENGTH: 18 FT ; DIAMETER: 9 FT A/N:	D188			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
TOWER, DEBUTANIZER, RPV 2391, HEIGHT: 87 FT 3 IN; DIAMETER: 13 FT 6 IN A/N:	D191				
KNOCK OUT POT, RPV 2393, FUEL GAS, HEIGHT: 15 FT ; DIAMETER: 9 FT A/N:	D192				
SETTLING TANK, RPV 2395, RERUN WATER, LENGTH: 40 FT ; DIAMETER: 12 FT A/N:	D193				

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(5) (5A) (5B) Denotes command and control emission limit
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FACILITY PERMIT TO OPERATE
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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 3: FLUID CATALYTIC CRACKING					
KNOCK OUT POT, RPV 1674, DEBUTANIZER OVERHEAD ACCUMULATOR, HEIGHT: 1 FT 6 IN; DIAMETER: 1 FT 6 IN A/N:	D194				
ACCUMULATOR, RPV 2406, DEBUTANIZER OVERHEAD, LENGTH: 20 FT ; DIAMETER: 10 FT A/N:	D195				
TOWER, ABSORBER, DEETHANIZER, RPV 2407, HEIGHT: 122 FT ; DIAMETER: 11 FT A/N:	D196				
KNOCK OUT POT, RPV 2408, ABSORBER DRY GAS, HEIGHT: 8 FT ; DIAMETER: 4 FT A/N:	D197				
POT, ABSORBER DEHYDRATOR, RPV 2409, HEIGHT: 8 FT ; DIAMETER: 5 FT A/N:	D198				
TOWER, RPV 2386, SPONGE OIL, HEIGHT: 66 FT ; DIAMETER: 8 FT A/N:	D199				
TOWER, #2 DEPROPANIZER, RPV 2550, HEIGHT: 66 FT ; DIAMETER: 6 FT A/N:	D201				
ACCUMULATOR, RPV 5580, NO.2 DEPROPANIZER OVERHEAD, HEIGHT: 4 FT ; DIAMETER: 1 FT 6 IN A/N:	D202				

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(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
BP WEST COAST PROD.LLC BP CARSON REF.

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 3: FLUID CATALYTIC CRACKING					
SETTLING TANK, RPV 5664, RAW GASOLINE/WATER, HEIGHT: 20 FT ; DIAMETER: 10 FT A/N:	D203				
TOWER, DEHEXANIZER, RPV 2580, HEIGHT: 79 FT ; DIAMETER: 8 FT 6 IN A/N:	D204				
ACCUMULATOR, RPV 2581, DEHEXANIZER OVERHEAD, LENGTH: 18 FT ; DIAMETER: 5 FT A/N:	D205				
COLUMN, ABSORBER MDEA CONTACTOR, RPV 3676, HEIGHT: 50 FT 10 IN; DIAMETER: 3 FT 6 IN A/N:	D206				
ACCUMULATOR, RPV 3677, DEPROPANIZER OVERHEAD, HEIGHT: 2 FT ; DIAMETER: 1 FT A/N:	D207				
POT, ABSORBER-DEETHANIZER REBOILER DEHYDRATOR, RPV 5383, HEIGHT: 14 FT 8 IN; DIAMETER: 9 FT A/N:	D208				
TOWER, NO.1 DEPROPANIZER, RPV 2380, HEIGHT: 91 FT 9 IN; DIAMETER: 8 FT 6 IN A/N:	D189				
ACCUMULATOR, RPV 2384, DEPROPANIZER OVERHEAD, LENGTH: 17 FT ; DIAMETER: 8 FT A/N:	D190			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12

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(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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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 3: FLUID CATALYTIC CRACKING					
ACCUMULATOR, RPV 2390, #2 DEPROPANIZER OVERHEAD, HEIGHT: 18 FT ; DIAMETER: 6 FT A/N:	D200				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2472			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 3: FCCU GAS COMPRESSION& HYDROGEN SULFIDE REMOVAL UNIT					S13.2, S31.9, S46.1, S46.2, S56.1
ABSORBER, VAPOR PHASE, RPV 2345, HEIGHT: 42 FT ; DIAMETER: 9 FT A/N:	D217				
POT, DRIP, RPV 2347, LENGTH: 10 FT ; DIAMETER: 8 FT A/N:	D218				
TANK, 1ST STAGE COMPRESSOR SEAL OIL, RPV 2625, HEIGHT: 5 FT ; DIAMETER: 2 FT A/N:	D219				
KNOCK OUT POT, RELIEF VALVE, RPV 2359, HEIGHT: 16 FT ; DIAMETER: 9 FT A/N:	D220			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
FILTER, RPV 2628, FIRST STAGE LUBE OIL, NORTH, HITCO-HYFLOW, MODEL FI-SE A/N:	D222				
FILTER, RPV 2629, FIRST STAGE LUBE OIL, SOUTH, HITCO-HYFLOW, MODEL FI-SE A/N:	D223				

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(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
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(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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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 3: FLUID CATALYTIC CRACKING					
KNOCK OUT POT, RPV 5519, SECOND STAGE GAS COMPRESSOR A/N:	D224				
KNOCK OUT POT, RPV 5518, FIRST STAGE GAS COMPRESSOR A/N:	D225				
COMPRESSOR, SECOND STAGE, RW 0009 087 06, FILTERITE A/N:	D226				
COMPRESSOR, FIRST STAGE, STANDBY, RW 0015 087.06, INGERSOLL-RAND, CENTRIFUGAL, MODEL MTG-665 A/N:	D229				
COMPRESSOR, FIRST STAGE, RW 0053 087.02, NUOVO PIGNONE, MODEL MCL-1005, CENTRIFUGAL, 45000 CU.FT./MIN A/N:	D2390				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2473			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 4: CATALYST HANDLING FACILITY					S56.1
CYCLONE, WESTERN PRECIPITATION WITH A/N: 395502 HOPPER, DUST	C231 D232	D233		**PM**: (9) [**RULE 404, 2-7-1986; RULE 405, 2-7-1986**]	D323.4
HOPPER, FCC CATALYST AND NOX/SOX REDUCING CATALYST, SIZE:96" DIA X 240"H A/N: 395502	D233	C231		**PM**: (9) [**RULE 405, 2-7-1986**]	D323.2

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(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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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 3: FLUID CATALYTIC CRACKING					
VESSEL, SEPARATOR, THIRD STAGE, RPV 3976, LENGTH: 51 FT ; DIAMETER: 17 FT A/N: 395502	D241			**PM**: (9) [**RULE 405, 2-7-1986**]	D323.2
System 5: AIR POLLUTION CONTROL SYSTEM SERVING FCCU					S42.1
BOILER, CARBON MONOXIDE, NO.41, UNFIRED, FUEL OIL, REFINERY GAS, BABCOCK AND WILCOX, MODEL STATE LICENSE NO. 20600-54, WITH 9 CO BURNERS, WITH A BYPASS AROUND THE BOILER, 310 MMBTU/HR A/N:	D234	D164			
System 6: PROPYLENE TETRAMER UNIT					S56.1
TOWER, POLYMER, RPV 2528, HEIGHT: 68 FT 6 IN; DIAMETER: 5 FT 6 IN A/N: 395732	D242				
ACCUMULATOR, RPV 2532, POLYMERTOWER OVERHEAD, LENGTH: 14 FT 6 IN; DIAMETER: 5 FT A/N: 395732	D243				
ACCUMULATOR, RPV 2536, TETRAMER TOWER OVERHEAD, WITH NITROGEN BLANKET, LENGTH: 7 FT 6 IN; DIAMETER: 4 FT A/N: 395732	D244				
TOWER, TRIMER, RPV 2549, HEIGHT: 89 FT 8 IN; DIAMETER: 4 FT 6 IN A/N: 395732	D245				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 3: FLUID CATALYTIC CRACKING					
TOWER, TETRAMER, RPV 2538, HEIGHT: 66 FT 6 IN; DIAMETER: 4 FT A/N: 395732	D246				
TANK, SURGE, RPV 2539, CONDENSATE, CONDENSATE, HEIGHT: 3 FT ; DIAMETER: 2 FT A/N: 395732	D247				
ACCUMULATOR, RPV 2599, TRIMER TOWER OVERHEAD, LENGTH: 12 FT ; DIAMETER: 3 FT A/N: 395732	D248				
DRUM, RPV 2640, CONDENSATE, HEIGHT: 3 FT ; DIAMETER: 2 FT A/N: 395732	D249				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 395732	D2475			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 7: FLUID CATALYTIC CRACKING UNIT HEATERS					S56.1
HEATER, FLUID CATALYTIC CRACKING FEED, REFINERY GAS, BORN ENGINEERING, MODEL CIRCULAR TYPE, WITH LOW NOX BURNER, 89 MMBTU/HR WITH A/N: 395949 BURNER, EIGHT(8) BURNERS, JOHN ZINK, MODEL PSMR-16M, WITH LOW NOX BURNER, 89 MMBTU/HR	D250		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.4, C1.18, D90.4, D328.1, H23.1
FILTER, GAS FILTER, RPV 5652, HEIGHT: 7 FT ; DIAMETER: 10 FT A/N: 395974	D1363				

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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.)
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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 3: FLUID CATALYTIC CRACKING					
HEATER, PROPYLENE TETRAMER REBOILER, REFINERY GAS, WITH LOW NOX BURNER, 4.9 MMBTU/HR WITH A/N: 395648 BURNER, REFINERY GAS, CALLIDUS TECHNOLOGIES, MODEL LE-CSG-6W, WITH LOW NOX BURNER, 4.9 MMBTU/HR	D252		NOX: PROCESS UNIT**; SOX: MAJOR SOURCE**	**CO**: 400 PPMV (5A) [RULE 1146, 9-5-2008; **RULE 1146.1, 5-13-1994**]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 0.1 LBS/MMBTU REFINERY GAS (1) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	A63.21, B61.4, D29.3, D90.4, D332.1, H23.1, K67.2
HEATER, RPV 2319, REGENERATOR STARTUP AIR HEATER, REFINERY GAS, PEABODY, 2 BURNERS, 165 MMBTU/HR A/N: 413048	D2837		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986; RULE 405, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.4, D90.4, H23.1
Process 4: FRACTIONATION					
System 1: SUPERFRACTIONATION UNIT					S4.3, S4.4, S13.2, S56.1
COLUMN, STABILIZER, NO.1 DEBUTANIZER, RPV-1035, HEIGHT: 77 FT ; DIAMETER: 6 FT 6 IN A/N:	D253				
COLUMN, STABILIIZER, NO. 2 DEBUTANIZER, RPV-1040, HEIGHT: 117 FT 9 IN; DIAMETER: 6 FT 6 IN A/N:	D254				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 4: FRACTIONATION					
COLUMN, SOUTH AREA DISOBUTANIZER, RPV-1101, HEIGHT: 127 FT ; DIAMETER: 8 FT 6 IN A/N:	D255				
COLUMN, NO.4 DEBUTANIZER, RPV-1117, WITH 40 TRAYS, HEIGHT: 84 FT ; DIAMETER: 8 FT A/N:	D256				
COLUMN, STABILIZER, NO. 7, RPV-1118, HEIGHT: 62 FT ; DIAMETER: 3 FT 6 IN A/N:	D257				
COLUMN, DEPENTANIZER, RPV-1133, HEIGHT: 112 FT ; DIAMETER: 11 FT A/N:	D258				
COLUMN, STABILIZER, NO. 9, RPV-1183, HEIGHT: 136 FT ; DIAMETER: 12 FT 6 IN A/N:	D259				
COLUMN, STABILIZER, NO. 10, RPV-1190, HEIGHT: 110 FT ; DIAMETER: 7 FT A/N:	D260				
COLUMN, STABILIZER, NO. 11, RPV-1199, HEIGHT: 134 FT ; DIAMETER: 8 FT A/N:	D261				
COLUMN, NO.3 DEBUTANIZER, RPV-1208, HEIGHT: 110 FT ; DIAMETER: 6 FT A/N:	D262				

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(3) Denotes RECLAIM concentration limit
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(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
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(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 4: FRACTIONATION					
ACCUMULATOR, NO.1 DEBUTANIZER, RPV-5574,STABILIZER OVERHEAD, LENGTH: 20 FT ; DIAMETER: 5 FT A/N:	D263				
TANK, SURGE, NO.1 DEBUTANIZER FEED, RPV 5573, LENGTH: 40 FT ; DIAMETER: 8 FT A/N:	D264				
ACCUMULATOR, NO.2 DEBUTANIZER, RPV-1041, OVERHEAD, HEIGHT: 18 FT 9.5 IN; DIAMETER: 6 FT A/N:	D265			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]	H23.12
ACCUMULATOR, RPV-5474, SOUTH AREA DIB OVERHEAD, HEIGHT: 18 FT ; DIAMETER: 6 FT A/N:	D267				
TANK, SURGE, SOUTH AREA DIB FEED, #5 STABILIZER, RPV-1226, HEIGHT: 30 FT 8 IN; DIAMETER: 10 FT A/N:	D268				
ACCUMULATOR, NO. 4 DEBUTANIZER OVERHEAD, RPV-5575, HEIGHT: 20 FT ; DIAMETER: 5 FT A/N:	D269				
TANK, SURGE, NO. 258, RPV-1073, NO. 4 DEBUTANIZER FEED, HEIGHT: 32 FT 6 IN; DIAMETER: 10 FT A/N:	D270				

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(3) Denotes RECLAIM concentration limit
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(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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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 4: FRACTIONATION					
TANK, SURGE, RPV 1181, NO.3 DEBUTANIZER FEED, HEIGHT: 32 FT ; DIAMETER: 9 FT A/N:	D272				
ACCUMULATOR, NO. 9, RPV-1185, STABILIZER REFLUX, LENGTH: 16 FT ; DIAMETER: 6 FT A/N:	D274				
ACCUMULATOR, NO.10, RPV-1189, STABILIZER OVERHEAD, LENGTH: 7 FT 11.5 IN; DIAMETER: 6 FT A/N:	D275				
ACCUMULATOR, NO. 9 STABILIZER OVERHEAD, RPV-1189A, LENGTH: 15 FT 8 IN; DIAMETER: 6 FT A/N:	D276				
ACCUMULATOR, RPV 1639, DEBUTANIZER OVERHEAD, LENGTH: 12 FT ; DIAMETER: 6 FT A/N:	D277			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
TANK, SURGE, RPV 1182, #10 STABILIZER FEED, LENGTH: 32 FT ; DIAMETER: 9 FT A/N:	D278				
TANK, SURGE, RPV-1180, # 11 STABILIZER FEED, HEIGHT: 32 FT ; DIAMETER: 9 FT A/N:	D280				
ACCUMULATOR, RPV 1205, NO. 11 STABILIZER OVERHEAD, LENGTH: 16 FT ; DIAMETER: 6 FT A/N:	D281				

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(3) Denotes RECLAIM concentration limit
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(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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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 4: FRACTIONATION					
ACCUMULATOR, RPV 1213, NO.3 DEBUTANIZER OVERHEAD, LENGTH: 16 FT ; DIAMETER: 6 FT A/N:	D282				
POT, RPV 2092, LPG VAPORIZER CONDENSATE, HEIGHT: 4 FT ; DIAMETER: 2 FT A/N:	D283				
TOWER, DEBUTANIZER, (RPV-1638), HEIGHT: 76 FT 8 IN; DIAMETER: 7 FT A/N:	D284				
SCRUBBER, RPV 1293, SFIA FUEL GAS, HEIGHT: 30 FT ; DIAMETER: 3 FT 4 IN A/N:	D287				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2476			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 2: NAPHTHA SPLITTER UNIT					S13.2, S46.1, S46.2, S56.1
TANK, SURGE, RPV 1241, NAPHTHA SPLITTER FEED, HEIGHT: 26 FT 6 IN; DIAMETER: 7 FT 6 IN A/N:	D290				
ACCUMULATOR, RPV 1238, NO.2 NAPHTHA SPLITTER OVERHEAD, HEIGHT: 20 FT ; DIAMETER: 7 FT 6 IN A/N:	D291				

* (1) (1A) (1B) Denotes RECLAIM emission factor
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(5) (5A) (5B) Denotes command and control emission limit
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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 4: FRACTIONATION					
TOWER, RPV 1234, NO. 2, NAPHTHA SPLITTER, HEIGHT: 72 FT 8 IN; DIAMETER: 10 FT A/N:	D1400				
KNOCK OUT POT, RPV 5517, NO. 2 NAPHTHA SPLITTER FEED SURGE WATER, HEIGHT: 2 FT 8 IN; DIAMETER: 1 FT 2 IN A/N:	D1401				
KNOCK OUT POT, RPV 5516, NO. 2 NAPHTHA SPLITTER OVERHEAD ACCUMULATOR WATER, LENGTH: 2 FT 11 IN; DIAMETER: 1 FT 2 IN A/N:	D1402			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
KNOCK OUT POT, RPV 5719, NO. 2 NAPHTHA SPLITTER REBOILER CONDENSATE WATER, LENGTH: 3 FT ; DIAMETER: 2 FT 6 IN A/N:	D1403				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2474			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 3: LIGHT ENDS DEPROPANIZER					S13.2, S15.6, S56.1
ABSORBER, MDEA, RPV-3045, HEIGHT: 55 FT ; DIAMETER: 3 FT A/N: 460571	D292				
TOWER, DEPROPANIZER, RPV-3170, HEIGHT: 114 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 460571	D293				

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(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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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4: FRACTIONATION					
ACCUMULATOR, RPV 3171, DEPROPANIZER OVERHEAD, HEIGHT: 21 FT ; DIAMETER: 7 FT A/N: 460571	D296				
TANK, FLASH, RPV-3172, LED FEED, HEIGHT: 25 FT ; DIAMETER: 8 FT A/N: 460571	D297				
COMPRESSOR, RW 009 08732, NORTH LED VAPOR FEED A/N: 460571	D299				
COMPRESSOR, RW 0010 08731, SOUTH LED VAPOR FEED, WITH PACKED GLANDS A/N:	D300				
POT, RPV-5454, REBOILER CONDENSATE, HEIGHT: 2 FT 6 IN; DIAMETER: 2 FT A/N: 460571	D301				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 460571	D2477			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 4: STRAIGHT RUN LIGHT ENDS DEPROPANIZER					S13.2, S56.1
TOWER, STRAIGHT RUN DEPROPANIZER, RPV-2594, HEIGHT: 127 FT ; DIAMETER: 6 FT A/N: 395786	D302				
ACCUMULATOR, RPV 2596, STRAIGHT RUN DEPROPANIZER OVERHEAD, LENGTH: 20 FT ; DIAMETER: 4 FT 6 IN A/N: 395786	D303				

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(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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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 4: FRACTIONATION					
TANK, SURGE, RPV 4028, SRD FEED, LENGTH: 29 FT ; DIAMETER: 8 FT 6 IN A/N: 395786	D304				
POT, RPV 5153, REBOILER CONDENSATE, HEIGHT: 3 FT ; DIAMETER: 2 FT A/N: 395786	D307				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 395786	D2478			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 5: NORTH AREA DEISOBUTANIZER UNIT					S13.2, S56.1
TOWER, DEISOBUTANIZER, RPV-2595, HEIGHT: 123 FT 6 IN; DIAMETER: 6 FT A/N: 395777	D308				
POT, RPV 5151, DIB REBOILER CONDENSATE, HEIGHT: 4 FT ; DIAMETER: 2 FT A/N: 395777	D309				
ACCUMULATOR, RPV 5154, DEISOBUTANIZER OVERHEAD, HEIGHT: 20 FT ; DIAMETER: 7 FT 6 IN A/N: 395777	D310				
DRUM, BUTANE DEGASSING, RPV-5160, HEIGHT: 8 FT 6 IN; DIAMETER: 3 FT A/N: 395777	D311				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 395777	D2479			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 7: COKER GASOLINE FRACTIONATION UNIT					S13.2, S56.1

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(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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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 4: FRACTIONATION					
VESSEL, RECEIVER, RPV 1403, LOW PRESSURE GAS, HEIGHT: 20 FT ; DIAMETER: 8 FT A/N:	D1974				
TOWER, RPV 1618, DEHEXANIZER, HEIGHT: 19 FT 3 IN; DIAMETER: 9 FT A/N:	D1975				
TOWER, RPV 1626, SWING, HEIGHT: 19 FT 3 IN; DIAMETER: 9 FT A/N:	D1977				
ACCUMULATOR, RPV 1627, SWING OVERHEAD, HEIGHT: 20 FT ; DIAMETER: 6 FT A/N:	D1978			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
TOWER, RPV 16239, DEBUTANIZER, HEIGHT: 82 FT 6 IN; DIAMETER: 8 FT 4 IN A/N:	D1979				
ACCUMULATOR, RPV 1640, DEBUTANIZER OVERHEAD, LENGTH: 16 FT ; DIAMETER: 6 FT A/N:	D1980				
DRUM, RPV 1645, FEED (NIS), HEIGHT: 39 FT 6 IN; DIAMETER: 10 FT A/N: 395949	D1982				
TANK, RPV 1663, FEED(NIS), HEIGHT: 15 FT 6 IN; DIAMETER: 6 FT A/N: 395949	D1983				

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(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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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 4: FRACTIONATION					
DRUM, RPV 1672, FUEL GAS MIXING, HEIGHT: 10 FT ; DIAMETER: 6 FT A/N:	D1984				
KNOCK OUT POT, RPV 1677, ABSORBER, HEIGHT: 8 IN; DIAMETER: 4 FT A/N: 395949	D1985				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2481			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 8: LIQUID RECOVERY UNIT					S13.2, S46.1, S46.2, S56.1
KNOCK OUT POT, RW-6473-289-02, COKER GAS COMPRESSOR SUCTION, HEIGHT: 11 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 396012	D2307				
KNOCK OUT POT, RW-6474-289-02, DRIER FEED, LENGTH: 15 FT ; DIAMETER: 7 FT A/N: 396012	D2308				
KNOCK OUT POT, RW-6475-289-02, REGENERATION GAS, HEIGHT: 9 FT ; DIAMETER: 4 FT 6 IN A/N: 396012	D2309				
DRYER, DEHYDRATOR, RW-6476-289-02, INLET GAS, LENGTH: 30 FT ; DIAMETER: 10 FT 6 IN A/N: 396012	D2310				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 4: FRACTIONATION					
DRYER, DEHYDRATOR, RW-6477-289-02, INLET GAS, LENGTH: 30 FT ; DIAMETER: 10 FT 6 IN A/N: 396012	D2311				
VESSEL, ECONOMIZER, RW-6486-289.02, REFRIGERANT INTERSTAGE, HEIGHT: 17 FT 6 IN; DIAMETER: 6 FT 6 IN A/N: 396012	D2312				
VESSEL, RECLAIMER, RW-6478-289-02, REFRIGERANT(PROPANE), HEIGHT: 4 FT ; DIAMETER: 1 FT 1 IN A/N: 396012	D2313				
VESSEL, COLD SEPARATOR, RW-6479-289-02, DRY GAS, HEIGHT: 17 FT 6 IN; DIAMETER: 6 FT 6 IN A/N: 396012	D2314				
KNOCK OUT POT, RW-6480-289-02, REFRIGERANT(PROPANE) COMPRESSOR SUCTION, HEIGHT: 11 FT 6 IN; DIAMETER: 8 FT 6 IN A/N: 396012	D2315				
VESSEL, ECONOMIZER, RW-6481-289-02, REFRIGERANT(PROPANE), LENGTH: 16 FT ; DIAMETER: 7 FT A/N: 396012	D2316				
DRUM, SURGE, RW-6482-289-02, REFRIGERANT(PROPANE), LENGTH: 20 FT ; DIAMETER: 6 FT A/N: 396012	D2317				

* (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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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 4: FRACTIONATION					
COLUMN, FRACTIONATING, RW-6456-289-01, PROPYLENE RECOVERY, HEIGHT: 32 FT ; DIAMETER: 6 FT A/N: 396012	D2318				
COLUMN, DEETHANIZER, RW-6457-289-01, HEIGHT: 88 FT ; DIAMETER: 6 FT A/N: 396012	D2319				
FILTER, SEPARATOR, RW-6598-289.02, DRIER FEED A/N: 396012	D2320				
FILTER, RW-6599-289.02, DRIER OUTLET A/N: 396012	D2321				
COMPRESSOR, RW-0050-087.05, REFRIGERANT(PROPANE), SCREW TYPE WITH DUAL MECHANICAL SEALS A/N: 396012	D2326				
SCRUBBER, RW-6485-289.02, REFRIGERANT COMPRESSOR INTERSTAGE, HEIGHT: 11 FT 6 IN; DIAMETER: 5 FT 6 IN A/N: 396012	D2327				
COMPRESSOR, RW-0055-87.06, COKER GAS, CENTRIFUGAL TYPE, WITH PRESSURIZED DRY GAS TANDEM SEALS A/N: 396012	D2329				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 4: FRACTIONATION					
COMPRESSOR, EXPANDER, RW-0056-87.06, CENTRIFUGAL TYPE, WITH PRESSURIZED DRY GAS TANDEM SEALS A/N: 396012	D2330				
POT, DRAIN, RW-6484-289-02, FLARE HEADER, HEIGHT: 6 FT ; DIAMETER: 3 FT A/N: 396012	D2395			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
KNOCK OUT POT, RW-6487-289-02, TURBOEXPANDER COMPRESSOR SUCTION, HEIGHT: 11 FT 6 IN; DIAMETER: 5 FT 6 IN A/N: 396012	D2396				
FILTER, RW 6600-289.02, DRIER OUTLET A/N: 396012	D2397				
TANK, RW-6588-289.02, METHANOL ANTIFREEZE INJECTION TANK, 500 GALS A/N: 396012	D2398				
KNOCK OUT POT, RW-6473-289-02, COKER GAS COMPRESSOR, LENGTH: 11 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 396012	D2399				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 396012	D2486			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 9: PROPANE/PROPYLENE SPLITTER UNIT					S13.2, S46.1, S46.2, S56.1

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

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FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 4: FRACTIONATION					
TOWER, C3 SPLITTER, RW 6431-289.01, HEIGHT: 259 FT 2 IN; DIAMETER: 16 FT 9 IN A/N: 433305	D2331				
TOWER, DEETHANIZER, RW-6436-289.01, HEIGHT: 121 FT 10 IN; DIAMETER: 9 FT A/N: 433305	D2332				
TOWER, ENRICHER, RW 6439-289.01, HEIGHT: 58 FT 6 IN; DIAMETER: 9 FT A/N: 433305	D2333				
TOWER, COS ADSORBER, RW 6575-289.06, HEIGHT: 39 FT ; DIAMETER: 7 FT 6 IN A/N: 433305	D2334				
TOWER, COS ADSORBER, RW 6576-289.06, HEIGHT: 39 FT ; DIAMETER: 7 FT 6 IN A/N: 433305	D2335				
TOWER, COS ADSORBER, RW 6577-289.06, HEIGHT: 39 FT ; DIAMETER: 7 FT 6 IN A/N: 433305	D2336				
TOWER, ARSINE REMOVAL REACTOR, RW 6452- 289.06, HEIGHT: 24 FT 9 IN; DIAMETER: 8 FT A/N: 433305	D2337				
DRUM, C3 SPLITTER SURGE, RW-6434-289.02, LENGTH: 20 FT ; DIAMETER: 11 FT 6 IN A/N: 433305	D2338				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 4: FRACTIONATION					
DRUM, KNOCK OUT, RW 6450-289.02-, FLARE, LENGTH: 24 FT ; DIAMETER: 10 FT A/N: 433305	D2340			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
DRUM, RW 6443-289.02, COMPRESSOR SUCTION SCRUBBER, LENGTH: 17 FT ; DIAMETER: 17 FT A/N: 433305	D2351				
COMPRESSOR, RW 0054-087.06, C3 SPLITTER OVERHEAD, CENTRIFUGAL TYPE, WITH PRESSURIZED DRY GAS SEAL A/N: 433305	D2352				
ADSORBER, 1, RW 6573- 289.06, DEHYDRATION, HEIGHT: 23 FT ; DIAMETER: 6 FT 2 IN A/N: 433305	D2400				
ADSORBER, 2, RW 6574- 289.06, DEHYDRATION, HEIGHT: 23 FT ; DIAMETER: 6 FT 2 IN A/N: 433305	D2401				
VESSEL, COALESCER, RW 6578-289.06, DEHYDRATION REGENERATION, LENGTH: 7 FT 10 IN; DIAMETER: 2 FT 4 IN A/N: 433305	D2402				
FILTER, GUARD, RW 6579-289.02, HEIGHT: 4 FT 2 IN; DIAMETER: 2 FT A/N: 433305	D2403				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 433305	D2487			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3

* (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

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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 5: HYDROTREATING					
System 1: JET FUEL HYDROTREATING UNIT					S13.2, S15.7, S56.1
SCRUBBER, MDEA COLUMN, RPV-3700, HEIGHT: 56 FT 10 IN; DIAMETER: 3 FT A/N: 460572	D314				
COLUMN, STABILIZER, RPV-3701, HEIGHT: 47 FT 6 IN; DIAMETER: 4 FT A/N: 460572	D315				
COLUMN, DESULFIRIZER STRIPPER COLUMN STABILIZER, RPV 3702, HEIGHT: 45 FT 2 IN; DIAMETER: 3 FT A/N: 460572	D316				
TANK, FLASH, RPV 3703,(HOT), HEIGHT: 18 FT 6 IN; DIAMETER: 4 FT 6 IN A/N: 460572	D317				
TANK, FLASH, RPV 3712,, HEIGHT: 11 FT ; DIAMETER: 5 FT 6 IN A/N: 460572	D319				
KNOCK OUT POT, RPV 3714, MDEA, HEIGHT: 10 FT ; DIAMETER: 2 FT 6 IN A/N: 460572	D320				
REACTOR, RPV 3706, R3, HEIGHT: 10 FT ; DIAMETER: 6 FT A/N: 460572	D323				
REACTOR, RPV 3707, R2, HEIGHT: 30 FT ; DIAMETER: 7 FT 6 IN A/N: 460572	D324				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 5: HYDROTREATING					
REACTOR, RPV 3708, R1, HEIGHT: 11 FT 4 IN; DIAMETER: 4 FT 6 IN A/N: 460572	D325				
ACCUMULATOR, RPV 3722, STABILIZER OVERHEAD, LENGTH: 11 FT ; DIAMETER: 2 FT 6 IN A/N: 460572	D326				
ACCUMULATOR, RPV 3723, STRIPPER OVERHEAD, LENGTH: 14 FT ; DIAMETER: 3 FT A/N: 460572	D327				
COMPRESSOR, RW 14 087.32, STABILIZER VAPOR, RECIPROCATING WITH PACKED GLANDS A/N: 460572	D328				
COMPRESSOR, RW 15 087.32, HYDROGEN FEED, RECIPROCATING WITH PACKED GLANDS A/N: 460572	D329				
COMPRESSOR, HYDROGEN/DESULFURIZER/HYDROTREATER,RW 0053 087.32, RECYCLE GAS, RECIPROCATING WITH PACKED GLANDS A/N: 460572	D330				
FILTER, RPV 3731, STRIPPER BOTTOMS, HEIGHT: 5 FT 8 IN; DIAMETER: 8 FT 7 IN A/N: 460572	D331				

* (1) (1A) (1B) Denotes RECLAIM emission factor
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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

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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 5: HYDROTREATING					
FILTER, RPV 3732, STRIPPER BOTTOMS, HEIGHT: 5 FT 8 IN; DIAMETER: 8 FT 7 IN A/N: 460572	D332				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 460572	D2482			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 2: MID-BARREL DESULFURIZER					S13.2, S15.6, S56.1
REACTOR, RPV 3900, HEIGHT: 27 FT 9 IN; DIAMETER: 8 FT 6 IN A/N: 460573	D334				
SCRUBBER, RPV 3901, RECYCLE GAS MDEA, HEIGHT: 59 FT 6 IN; DIAMETER: 4 FT 6 IN A/N: 460573	D335				
COLUMN, STRIPPER, RPV 3902, STABILIZER SIDESTREAM, HEIGHT: 28 FT 6 IN; DIAMETER: 2 FT 6 IN A/N: 460573	D336				
COLUMN, STABILIZER, RPV 3903, HEIGHT: 70 FT 8 IN; DIAMETER: 8 FT A/N: 460573	D337				
SCRUBBER, RPV 3904, STABILIZER OFF-GASES MDEA, HEIGHT: 49 FT ; DIAMETER: 2 FT 6 IN A/N: 460573	D338				
TANK, FLASH, RPV 3909, REACTOR EFFLUENT, HEIGHT: 20 FT ; DIAMETER: 7 FT A/N: 460573	D339				

* (1) (1A) (1B) Denotes RECLAIM emission factor
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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

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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 5: HYDROTREATING					
VESSEL, SEPARATOR, RPV 3910, DESULFURIZER OIL-WATER, LENGTH: 10 FT ; DIAMETER: 3 FT A/N: 460573	D340				
ACCUMULATOR, RPV 3911, STABILIZER OVERHEAD, HEIGHT: 10 FT ; DIAMETER: 4 FT A/N: 460573	D341				
POT, COMPRESSOR SUCTION, RPV 3912, STABILIZER OFF-GAS, HEIGHT: 5 FT 10 IN; DIAMETER: 2 FT A/N: 460573	D342				
KNOCK OUT POT, RPV 3913, HYDROGEN FEED GAS, HEIGHT: 4 FT ; DIAMETER: 2 FT A/N: 460573	D343				
VESSEL, SEPARATOR, RPV 3917, STABILIZER OFF-GAS, HEIGHT: 4 FT ; DIAMETER: 2 FT A/N: 460573	D347				
FILTER, RPV 5654, FEED S, HEIGHT: 3 FT 10 IN; DIAMETER: 2 FT 6 IN A/N: 460573	D348				
FILTER, RPV 5655, FEED N, HEIGHT: 3 FT 10 IN; DIAMETER: 2 FT 6 IN A/N: 460573	D349				
COMPRESSOR, RW 0033 08732, THREE STAGE RECYCLE & MAKEUP HYDROGEN, INGERSOLL-RAND 13075 SCFM. WITH PACKED GLAND A/N: 460573	D350				

* (1) (1A) (1B) Denotes RECLAIM emission factor
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(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
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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 5: HYDROTREATING					
COMPRESSOR, RW 36 087.32, THREE STAGE RECYCLE & MAKEUP HYDROGEN, INGERSOLL-RAND 13075 SCFM. WITH PACKED GLAND A/N: 460573	D351				
COMPRESSOR, RW 003508732, OFF GAS, INGERSOLL-RAND 622 SCFM. WITH PACKED GLAND A/N: 460573	D352				
COMPRESSOR, RW 003408732, OFF GAS, INGERSOLL-RAND 622 SCFM. WITH PACKED GLAND A/N: 460573	D353				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 460573	D2483			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 3: FLUID FEED HDS UNIT					S13.2, S15.6, S31.9, S46.1, S46.2, S56.1
ACCUMULATOR, RPV 4018, STRIPPER OVERHEAD, HEIGHT: 16 FT ; DIAMETER: 7 FT 6 IN A/N:	D354			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
MIST ELIMINATOR, RPV 5642 A/N:	D1404				
KNOCK OUT POT, RPV 4019, STRIPPER RELEASE MDEA, HEIGHT: 8 FT ; DIAMETER: 5 FT A/N:	D355				
VESSEL, H2 SEPARATOR, RPV 5634, (PRISM), HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D1405				

* (1) (1A) (1B) Denotes RECLAIM emission factor
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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

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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 5: HYDROTREATING					
TANK, SURGE, RPV 4027, FEED, LENGTH: 36 FT ; DIAMETER: 11 FT A/N:	D356				
VESSEL, H2 SEPARATOR, RPV 5635, (PRISM), HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D1406				
REACTOR, HDS, RPV 4400, HEIGHT: 60 FT ; DIAMETER: 16 FT A/N:	D357				
VESSEL, H2 SEPARATOR, RPV 5636, (PRISM), HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D1407				
COLUMN, STRIPPER, RPV 4405, HEIGHT: 30 FT 6 IN; DIAMETER: 9 FT 6 IN A/N:	D358				
VESSEL, H2 SEPARATOR , RPV 5637,(PRISM), HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D1408				
VESSEL, MDEA CONTACTOR, RPV 4406, RECYCLE GAS, HEIGHT: 19 FT 8 IN; DIAMETER: 7 FT 6 IN A/N:	D359				
VESSEL, H2 SEPARATOR, RPV 5638, (PRISM), HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D1409				

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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

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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 5: HYDROTREATING					
VESSEL, MDEA CONTACTOR, RPV 4407, STRIPPER RELEASE, HEIGHT: 49 FT ; DIAMETER: 4 FT 6 IN A/N:	D360				
VESSEL, H2 SEPARATOR, RPV 5639, (PRISM), HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D1410				
TANK, RPV 4411, HOT FLASH, HEIGHT: 22 FT ; DIAMETER: 10 FT A/N:	D361				
VESSEL, H2 SEPARATOR, RPV 5640, (PRISM), HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D1411				
TANK, FLASH, RPV 4412, COLD, HEIGHT: 16 FT ; DIAMETER: 7 FT 6 IN A/N:	D362				
VESSEL, H2 SEPARATOR, RPV 5641, (PRISM), HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D1412				
COMPRESSOR, RW 0057, RECIPROCATING TYPE A/N:	D1413				
FILTER, RPV 4471, FEED, BANK 1 (14 FILTERS), HEIGHT: 14 FT ; DIAMETER: 6 IN A/N:	D372				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 5: HYDROTREATING					
FILTER, RPV 4472, FEED, BANK 2 (14 FILTERS), HEIGHT: 14 FT ; DIAMETER: 6 IN A/N:	D373				
FILTER, RPV 4473, FEED, BANK 3 (14 FILTERS), HEIGHT: 14 FT ; DIAMETER: 6 IN A/N:	D374				
FILTER, RPV 4474, FEED, BANK 4 (14 FILTERS), HEIGHT: 14 FT ; DIAMETER: 6 IN A/N:	D375				
FILTER, RPV 4475, FEED, BANK 5 (14 FILTERS), HEIGHT: 14 FT ; DIAMETER: 6 IN A/N:	D376				
VESSEL, H2 SEPARATOR, RPV 4500, TRAIN A, HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D377				
VESSEL, H2 SEPARATOR, RPV 4501, TRAIN A, HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D378				
VESSEL, H2 SEPARATOR, RPV 4502, TRAIN A, HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D379				
VESSEL, H2 SEPARATOR, RPV 4503, TRAIN A, HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D380				

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(3) Denotes RECLAIM concentration limit
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(5) (5A) (5B) Denotes command and control emission limit
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Process 5: HYDROTREATING					
VESSEL, H2 SEPARATOR , RPV 4504, TRAIN A, HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D381				
VESSEL, H2 SEPARATOR, RPV 4505, TRAIN A, HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D382				
VESSEL, H2 SEPARATOR, RPV 4506, TRAIN B, HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D383				
VESSEL, H2 SEPARATOR, RPV 4507, TRAIN B, HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D384				
VESSEL, H2 SEPARATOR, RPV 4508, TRAIN B, HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D385				
VESSEL, H2 SEPARATOR, RPV 4509, TRAIN B, HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D386				
VESSEL, H2 SEPARATOR, RPV 4510, TRAIN B, HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D387				
VESSEL, H2 SEPARATOR, RPV 4511, TRAIN B, HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D388				

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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.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 5: HYDROTREATING					
VESSEL, H2 SEPARATOR, RPV 4512, TRAIN C, HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D389				
VESSEL, H2 SEPARATOR, RPV 4513, TRAIN C, HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D390				
VESSEL, H2 SEPARATOR, RPV 4514, TRAIN C, HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D391				
VESSEL, H2 SEPARATOR, RPV 4515, TRAIN C, HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D392				
VESSEL, H2 SEPARATOR, RPV 4516, TRAIN C, HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D393				
VESSEL, H2 SEPARATOR, RPV 4517, TRAIN C, HEIGHT: 10 FT ; DIAMETER: 8 IN A/N:	D394				
KNOCK OUT POT, RPV 4520, H2 PURIFICATION, HEIGHT: 4 FT ; DIAMETER: 2 FT 6 IN A/N:	D395				
POT, RPV 4521, H2 DEMISTER, HEIGHT: 8 FT ; DIAMETER: 2 FT A/N:	D396				

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(7) Denotes NSR applicability limit
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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: HYDROTREATING					
COMPRESSOR, RW 0018 08706, RECYCLE GAS, CENTRIFUGAL A/N:	D397				
COMPRESSOR, RW 0051 08732, MAKE UP GAS A, RECIPROCATING WITH PACKED SEALS A/N:	D398				
COMPRESSOR, RW 0052 08732, MAKE UP GAS B, RECIPROCATING WITH PACKED SEALS A/N:	D399				
KNOCK OUT POT, RPV 5563, HYDROGEN PURIFICATION, HEIGHT: 14 FT ; DIAMETER: 2 FT 5 IN A/N:	D400				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2484			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 4: No. 1 LIGHT HYDROTREATING UNIT					S11.1, S13.2, S15.6, S31.1, S56.1
TANK, SURGE, RPV 0207, LENGTH: 30 FT ; DIAMETER: 10 FT A/N:	D401				
POT, RPV 3010, STABILIZER REBOILER CONDENSATE, HEIGHT: 2 FT 8 IN; DIAMETER: 1 FT 4 IN A/N:	D402				
REACTOR, RPV 3000, NO.1, HEIGHT: 12 FT ; DIAMETER: 5 FT 6 IN A/N:	D403				

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(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
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(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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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: HYDROTREATING					
REACTOR, RPV 3001, NO.2, HEIGHT: 70 FT ; DIAMETER: 15 FT A/N:	D404				
REACTOR, RPV 3002, NO.3, HEIGHT: 7 FT 9 IN; DIAMETER: 5 FT 6 IN A/N:	D405				
TANK, FLASH, RPV 3007, EFFLUENT, LENGTH: 15 FT ; DIAMETER: 5 FT A/N:	D406			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
COLUMN, STABILIZER, RPV 3012, HEIGHT: 49 FT ; DIAMETER: 6 FT 6 IN A/N:	D407				
ACCUMULATOR, RPV 3013, STABILIZER OVERHEAD, HEIGHT: 23 FT 7 IN; DIAMETER: 4 FT A/N:	D408			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
ABSORBER, RPV 3020, HEIGHT: 61 FT 9 IN; DIAMETER: 3 FT A/N:	D411				
VESSEL, MDEA CONTACTOR, RPV 3026, HEIGHT: 37 FT ; DIAMETER: 2 FT 6 IN A/N:	D412				
KNOCK OUT POT, RPV 3022, HYDROGEN RELEASE MDEA, HEIGHT: 6 FT ; DIAMETER: 2 FT A/N:	D413				
REACTOR, RPV 3027, NO.4, HEIGHT: 14 FT 9 IN; DIAMETER: 5 FT 6 IN A/N:	D414				

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(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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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: HYDROTREATING					
COMPRESSOR, RW 0001 08731, STABILIZER OVERHEAD VAPOR, 3050 MSCFD CAPACITY, WITH METALLIC PACKING A/N:	D415				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2485			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 5: NAPHTHA HDS UNIT					S13.2, S15.2, S46.1, S46.2, S56.1
TOWER, STRIPPER, RW 5809, DIA: 3 FT 6 IN/6 FT 6 IN, HEIGHT: 54 FT 5 IN A/N: 438619	D1420				
COLUMN, CONTACTOR, RW 5810, RELEASE HYDROGEN MDEA, HEIGHT: 50 FT 11 IN; DIAMETER: 3 FT A/N: 438619	D1421				
REACTOR, RW 5832, HEIGHT: 21 FT 1 IN; DIAMETER: 7 FT A/N: 438619	D1422				
KNOCK OUT POT, RW 5833, MAKE-UP HYDROGEN, HEIGHT: 7 FT 6 IN; DIAMETER: 2 FT A/N: 438619	D1423				
ACCUMULATOR, RW 5836, STRIPPER OVERHEAD, HEIGHT: 13 FT 9 IN; DIAMETER: 4 FT 3 IN A/N: 438619	D1424			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12

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(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Process 5: HYDROTREATING					
POT, CONDENSATE, RW 5834, STRIPPER REBOILER, HEIGHT: 3 FT ; DIAMETER: 1 FT 6 IN A/N: 438619	D1425				
TANK, FLASH, RW 5838, HEIGHT: 29 FT ; DIAMETER: 7 FT A/N: 438619	D1426				
TANK, SURGE, RW 5839, FEED, HEIGHT: 42 FT ; DIAMETER: 10 FT A/N: 438619	D1427				
KNOCK OUT POT, NATURAL GAS FILTER, RW 5837, HEIGHT: 5 FT ; DIAMETER: 2 FT A/N: 438619	D1432				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 438619	D2488			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 6: HYDROTREATING UNIT HEATERS					
HEATER, JET TREATER, R-1, REFINERY GAS, WITH LOW NOX BURNER, 24 MMBTU/HR WITH A/N: 463810 BURNER, FOUR(4) BURNERS, REFINERY GAS, JOHN ZINK, MODEL NDR-16, WITH LOW NOX BURNER, 24 MMBTU/HR	D416		NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	**CO**: 400 PPMV (5A) [**RULE 1146, 11-17-2000;** *RULE 1146, 9-5-2008*]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 36 PPMV REFINERY GAS (3) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.4, C1.58, D90.4, D328.1, H23.1, K67.2

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(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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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Process 5: HYDROTREATING					
HEATER, JET TREATER STABILIZER REBOILER, R-2, REFINERY GAS, WITH LOW NOX BURNER, 10 MMBTU/HR WITH A/N: 396029 BURNER, THREE(3) BURNERS, REFINERY GAS, JOHN ZINK, MODEL NDR-14, WITH LOW NOX BURNER, 10 MMBTU/HR	D417		NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	**CO**: 400 PPMV (5A) [**RULE 1146, 11-17-2000;** *RULE 1146, 9-5-2008*]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 36 PPMV REFINERY GAS (3) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	A63.23, A63.26, B61.4, D29.3, D90.4, D328.1, E51.4, E51.5, H23.1, K67.2, K67.11
HEATER, JET TREATER, R-3, REFINERY GAS, WITH LOW NOX BURNER, 11 MMBTU/HR WITH A/N: 450593 BURNER, THREE(3) BURNERS, REFINERY GAS, JOHN ZINK, MODEL NDR-16, WITH LOW NOX BURNER, 11 MMBTU/HR	D418		NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	**CO**: 400 PPMV (5A) [**RULE 1146, 11-17-2000;** *RULE 1146, 9-5-2008*]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 36 PPMV REFINERY GAS (3) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.4, C1.46, D90.4, D328.1, H23.1, K67.2, K67.11

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Process 5: HYDROTREATING					
HEATER, NO. 018, MID BARREL STABILIZER REBOILER, REFINERY GAS, BORN ENGINEERING, WITH LOW NOX BURNER, 52 MMBTU/HR WITH A/N: 395831 BURNER, FOUR(4) BURNERS, REFINERY GAS, CALLIDUS, MODEL CUB-12W, WITH LOW NOX BURNER, 52 MMBTU/HR	D419		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.4, C1.22, D90.4, D328.1, H23.1, K67.2
HEATER, 019, MID BARREL FEED, REFINERY GAS, WITH LOW NOX BURNER, 82 MMBTU/HR WITH A/N: 395830 BURNER, EIGHT(8) BURNERS, REFINERY GAS, CALLIDUS, MODEL CUB-8W, WITH LOW NOX BURNER, 82 MMBTU/HR	D421		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.4, C1.21, D90.4, D328.1, H23.1, K67.2
HEATER, FCC HDS, REFINERY GAS, WITH LOW NOX BURNER, 80 MMBTU/HR WITH A/N: 396079 BURNER, SIXTEEN (16) BURNERS, REFINERY GAS, JOHN ZINK, WITH LOW NOX BURNER, 80 MMBTU/HR	D423		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.4, D90.4, D328.1, H23.1

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 5: HYDROTREATING					
HEATER, LIGHT GASOLINE HYDROGENATION FEED, REFINERY GAS, WITH LOW NOX BURNER, 22 MMBTU/HR WITH A/N: 450597 BURNER, FOUR(4) BURNERS, REFINERY GAS, JOHN ZINK, MODEL VPMR NO.22, WITH LOW NOX BURNER, 22 MMBTU/HR	D425		NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	**CO**: 400 PPMV (5A) [**RULE 1146, 11-17-2000;** *RULE 1146, 9-5-2008*]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 36 PPMV REFINERY GAS (3) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.4, C1.47, D90.4, D328.1, H23.1, K67.2

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 5: HYDROTREATING					
HEATER, RW 0053, NAPHTHA HDS REACTOR FEED, NATURAL GAS, MODEL HORIZONTAL CABIN TYPE, WITH LOW NOX BURNER, 12.5 MMBTU/HR WITH A/N: BURNER, FOUR BURNERS, NATURAL GAS, WITH LOW NOX BURNER, 12.5 MMBTU/HR	D1433		NOX: LARGE SOURCE**	**CO**: 0.46 LBS/HR NATURAL GAS (4) [**RULE 1303(a)(1) -BACT, 5-10-1996**]; **CO**: 50 PPMV NATURAL GAS (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **CO**: 400 PPMV (5A) [**RULE 1146, 11-17-2000;** *RULE 1146, 9-5-2008*]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 25 PPMV NATURAL GAS (4) [**RULE 2005, 4-20-2001; RULE 2005, 5-6-2005**]; **NOX**: 25 PPMV (3) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]; **PM**: 0.25 LBS/HR NATURAL GAS (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **PM**: 21 LBS/MMSCF NATURAL GAS (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	A63.19, D29.3, D328.1, E71.13, E193.1
Process 6: CATALYTIC REFORMING					
System 1: NO.1 CATALYTIC REFORMER UNIT					S13.2, S15.6, S46.1, S46.2, S56.1
COLUMN, DESULFURIZER STRIPPER, RPV 2713, HEIGHT: 50 FT ; DIAMETER: 5 FT 6 IN A/N: 460577	D426				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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: CATALYTIC REFORMING					
DRYER, WEST HYDROGEN, RW 6109, HEIGHT: 16 FT ; DIAMETER: 3 FT A/N: 460577	D1434				
VESSEL, HIGH PRESSURE MDEA CONTACTOR, RPV 2716, HEIGHT: 48 FT ; DIAMETER: 5 FT 6 IN A/N: 460577	D427				
DRYER, EAST HYDROGEN, RW 6110, HEIGHT: 16 FT ; DIAMETER: 3 FT A/N: 460577	D1435				
REACTOR, DESULFURIZER, RPV 2702, HEIGHT: 24 FT 4 IN; DIAMETER: 11 FT A/N: 460577	D428				
KNOCK OUT POT, HYDROGEN DRYER, RW6111, HEIGHT: 8 FT ; DIAMETER: 2 FT A/N: 460577	D1436				
KNOCK OUT POT, HIGH PRESSURE MDEA, RPV 2755, HEIGHT: 12 FT ; DIAMETER: 4 FT A/N: 460577	D429				
ACCUMULATOR, RPV 2715, DESULFURIZER STRIPPER OVERHEAD, LENGTH: 10 FT ; DIAMETER: 4 FT A/N: 460577	D430			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
KNOCK OUT POT, RPV 2718, FUEL GAS, HEIGHT: 8 FT ; DIAMETER: 4 FT A/N: 460577	D431				

* (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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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 6: CATALYTIC REFORMING					
FILTER, REFORMER CHARGE, RPV 2711, MORLANE COMPANY, MODEL TYPE 600-R-6, HEIGHT: 5 FT ; DIAMETER: 1 FT 6 IN A/N: 460577	D432				
FILTER, REFORMER CHARGE, RPV 2712, MORLANE COMPANY, MODEL TYPE 600-R-6, HEIGHT: 5 FT ; DIAMETER: 1 FT 6 IN A/N: 460577	D433				
COMPRESSOR, RW 0005 087.03, DESULFURIZER FEED GAS, INGERSOLL-RAND A/N: 460577	D434				
COMPRESSOR, RW 0006 087.3, DESULFURIZER RECYCLE GAS, INGERSOLL-RAND A/N: 460577	D435				
COLUMN, HYDROGENATION STRIPPER, RPV 2724, HEIGHT: 48 FT ; DIAMETER: 4 FT 4 IN A/N: 460577	D436				
VESSEL, LOW PRESSURE MDEA CONTACTOR, RPV 2717, HEIGHT: 53 FT 5 IN; DIAMETER: 3 FT 6 IN A/N: 460577	D437				
KNOCK OUT POT, LOW PRESSURE MDEA, RPV 2719, HEIGHT: 6 FT ; DIAMETER: 6 FT 6 IN A/N: 460577	D438				

* (1) (1A) (1B) Denotes RECLAIM emission factor
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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
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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 6: CATALYTIC REFORMING					
REACTOR, HYDROGENATION, RPV 2701, HEIGHT: 13 FT ; DIAMETER: 5 FT 6 IN A/N: 460577	D439				
TANK, FLASH, REFORMER, RPV 2739, HEIGHT: 15 FT ; DIAMETER: 6 FT 5 IN A/N: 460577	D440				
TANK, FLASH, HYDROGENATION, RPV 2720, HEIGHT: 10 FT ; DIAMETER: 4 FT 6 IN A/N: 460577	D441				
KNOCK OUT POT, HYDROGENATION WATER, RPV 2721, HEIGHT: 8 FT ; DIAMETER: 3 FT A/N: 460577	D442				
DRUM, RPV 2727, HYDROGENATION STRIPPER REFLUX, HEIGHT: 8 FT ; DIAMETER: 4 FT A/N: 460577	D443				
DRUM, RPV 2728, CONTAMINATED WATER, HEIGHT: 6 FT ; DIAMETER: 3 FT A/N: 460577	D444				
COLUMN, REFORMER STABILIZER, RPV 2743, HEIGHT: 96 FT 6 IN; DIAMETER: 5 FT 6 IN A/N: 460577	D445				
REACTOR, NO.1 REFORMER, RPV 2748, HEIGHT: 20 FT ; DIAMETER: 5 FT 4 IN A/N: 460577	D446			**HAP**: (10) [**40CFR 63 Subpart UUU, #1, 4-20-2006**]	

* (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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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 6: CATALYTIC REFORMING					
REACTOR, NO.2 REFORMER, RPV 2747, HEIGHT: 20 FT 9 IN; DIAMETER: 5 FT 4 IN A/N: 460577	D447			**HAP**: (10) [**40CFR 63 Subpart UUU, #1, 4-20-2006**]	
REACTOR, NO.3 REFORMER, RPV 2750, HEIGHT: 19 FT 3 IN; DIAMETER: 7 FT 4 IN A/N: 460577	D448			**HAP**: (10) [**40CFR 63 Subpart UUU, #1, 4-20-2006**]	
REACTOR, NO.4 REFORMER, RPV 2751, HEIGHT: 13 FT ; DIAMETER: 11 FT 10 IN A/N: 460577	D449			**HAP**: (10) [**40CFR 63 Subpart UUU, #1, 4-20-2006**]	
COMPRESSOR, RW 22 08706, DESULFURIZER RECYCLE A/N: 460577	D451				
EJECTOR, DESULFURIZER-HYDROGENATION EVACUATOR, RW 19 15401 A/N: 460577	D452				
EJECTOR, REFORMER EVACUATOR, RW 20 154.02 A/N: 460577	D453				
COMPRESSOR, RW 0004 087.06, REFORMER RECYCLE GAS, RECIPROCATING, SIX STAGES A/N: 460577	D454				
DRUM, RPV 0235, FUEL GAS NORTH AREA, HEIGHT: 12 FT ; DIAMETER: 6 FT A/N: 460577	D455				
TANK, RPV 2775, TCA INJECTION, HEIGHT: 3 FT ; DIAMETER: 2 FT A/N: 460577	D456				

* (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
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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 6: CATALYTIC REFORMING					
REACTOR, RPV 3286, R4B, HEIGHT: 12 FT 5 IN; DIAMETER: 11 FT 10 IN A/N: 460577	D457			**HAP**: (10) [**40CFR 63 Subpart UUU, #1, 4-20-2006**]	
DRUM, TRAP, RPV 4016, HYDROGEN SYSTEM CHLORIDE, HEIGHT: 7 FT 10 IN; DIAMETER: 5 FT A/N: 460577	D458				
DRUM, RPV 4030, STABILIZER REFLUX, HEIGHT: 16 FT ; DIAMETER: 4 FT A/N: 460577	D459				
DRUM, TRAP, RPV 5106, SULFUR, HEIGHT: 10 FT 9 IN; DIAMETER: 6 FT A/N: 460577	D460				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 460577	D2489			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 2: NO.2 CATALYTIC REFORMER UNIT					S13.2, S15.6, S56.1
REACTOR, REFORMER NO.2, RPV 3100, HEIGHT: 18 FT ; DIAMETER: 8 FT 6 IN A/N: 498090	D461			**HAP**: (10) [**40CFR 63 Subpart UUU, #1, 4-20-2006**]	
REACTOR, DESULFURIZER , RPV 3101, HEIGHT: 25 FT ; DIAMETER: 12 FT 6 IN A/N: 498090	D462				
REACTOR, REFORMER NO.3-B, RPV 3103, HEIGHT: 14 FT 10 IN; DIAMETER: 15 FT A/N: 498090	D463			**HAP**: (10) [**40CFR 63 Subpart UUU, #1, 4-20-2006**]	

* (1) (1A) (1B) Denotes RECLAIM emission factor
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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

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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 6: CATALYTIC REFORMING					
REACTOR, REFORMER NO.3-A, RPV 3104, HEIGHT: 14 FT 10 IN; DIAMETER: 15 FT A/N: 498090	D464			**HAP**: (10) [**40CFR 63 Subpart UUU, #1, 4-20-2006**]	
REACTOR, REFORMER NO.1, RPV 3105, HEIGHT: 16 FT 6 IN; DIAMETER: 7 FT A/N: 498090	D465			**HAP**: (10) [**40CFR 63 Subpart UUU, #1, 4-20-2006**]	
VESSEL, MDEA CONTACTOR, RPV 3108, HEIGHT: 56 FT 11 IN; DIAMETER: 5 FT 6 IN A/N: 498090	D468				
VESSEL, SEPARATOR, RPV 3133, SOUR WATER OIL, HEIGHT: 6 FT ; DIAMETER: 2 FT A/N: 498090	D469				
ACCUMULATOR, RPV 3134, DESULFURIZER STRIPPER, OVERHEAD, HEIGHT: 13 FT ; DIAMETER: 3 FT 6 IN A/N: 498090	D470				
COLUMN, DESULFURIZER STRIPPER, RPV 3135, HEIGHT: 53 FT 6 IN; DIAMETER: 5 FT 6 IN A/N: 498090	D471				
FILTER, RPV 5863, CATALYST, MOORLANE, MODEL 246, HEIGHT: 7 FT ; DIAMETER: 2 FT 2 IN A/N: 498090	D472				
FILTER, RPV 5864, CATALYST, MOORLANE, MODEL 246, HEIGHT: 7 FT ; DIAMETER: 2 FT 2 IN A/N: 498090	D473				

* (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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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 6: CATALYTIC REFORMING					
TANK, FLASH, REFORMER, RPV 3137, HEIGHT: 15 FT ; DIAMETER: 10 FT A/N: 498090	D474	C1308		**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	
POT, RPV 3146, STABILIZER REBOILER CONDENSATE, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT 8 IN A/N: 498090	D475				
COMPRESSOR, RW 0007 087.06, REFORMER RECYCLE, CENTRIFUGAL, WITH TWO OIL SEALS A/N: 498090	D476				
COMPRESSOR, RW 0009 087.03, DESULFURIZER FEED, RECIPROCATING A/N: 498090	D477				
COMPRESSOR, RW 0010 087.03, DESULFURIZER RECYCLE, RECIPROCATING, TWO CYLINDERS A/N: 498090	D478				
EJECTOR, REFORMER EVACUATER JET, RW 0051 154.01 A/N: 498090	D479				
EJECTOR, SURFACE CONDENSER EVACUATER JETS, RW 0052 154.01 A/N: 498090	D480				
COLUMN, STABILIZER, RPV 3143, HEIGHT: 69 FT 6 IN; DIAMETER: 7 FT A/N: 498090	D481				

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(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6: CATALYTIC REFORMING					
ACCUMULATOR, RPV 3142, REFORMER STABILIZER OVERHEAD, HEIGHT: 16 FT ; DIAMETER: 5 FT 6 IN A/N: 498090	D482				
KNOCK OUT POT, RPV 2893, FUEL GAS, HEIGHT: 8 FT ; DIAMETER: 5 FT A/N: 498090	D483				
KNOCK OUT POT, CHLORIDE TRAP, RPV 3293, HEIGHT: 11 IN; DIAMETER: 4 IN A/N: 498090	D485				
DRUM, CHLORIDE TRAP, RPV 4017, HEIGHT: 36 FT ; DIAMETER: 7 FT 6 IN A/N: 498090	D486				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 498090	D2490			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 3: NO. 3 CATALYTIC REFORMER UNIT					S4.3, S4.4, S13.2, S56.1
KNOCK OUT POT, RPV 2366, HYDROGEN RECYCLE, HEIGHT: 10 FT ; DIAMETER: 7 FT A/N:	D487				
DRUM, RPV 2781, STABILIZER REBOILER CONDENSATE, HEIGHT: 2 FT 4 IN; DIAMETER: 1 FT 8 IN A/N:	D488				

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(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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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: CATALYTIC REFORMING					
ACCUMULATOR, RPV 2849, STABILIZER OVERHEAD, HEIGHT: 8 FT ; DIAMETER: 4 FT A/N:	D489				
TOWER, REFORMATE STABILIZER, RPV 2850, HEIGHT: 77 FT ; DIAMETER: 6 FT A/N:	D490				
COLUMN, WASH, RPV 2800, RAFFINATE WATER, HEIGHT: 24 FT ; DIAMETER: 3 FT A/N:	D491				
COLUMN, WASH, RPV 2801, RAFFINATE WATER, HEIGHT: 24 FT ; DIAMETER: 3 FT A/N:	D492				
VESSEL, EXTRACTOR, RPV 2806, HEIGHT: 77 FT ; DIAMETER: 8 FT A/N:	D493				
COLUMN, STRIPPER, RPV 2807A, HEIGHT: 118 FT ; DIAMETER: 7 FT A/N:	D494				
TANK, STRIPPER FLASH, RPV 2807 B, HEIGHT: 9 FT 7 IN; DIAMETER: 7 FT A/N:	D495				
VESSEL, RECEIVER, EXTRACTOR, RPV 2810, LENGTH: 16 FT ; DIAMETER: 4 FT A/N:	D496				

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(3) Denotes RECLAIM concentration limit
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(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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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: CATALYTIC REFORMING					
VESSEL, RECEIVER, RPV 2816, STRIPPER OVERHEAD, LENGTH: 16 FT ; DIAMETER: 5 FT 6 IN A/N:	D497				
VESSEL, RECEIVER, RPV 2819, WATER, LENGTH: 16 FT ; DIAMETER: 3 FT A/N:	D498				
REGENERATOR, RPV 2822, SOLVENT, HEIGHT: 27 FT 6 IN; DIAMETER: 6 FT A/N:	D499				
COLUMN, RPV 2823, WATER, HEIGHT: 32 FT ; DIAMETER: 3 FT 6 IN A/N:	D500				
DRUM, TRAP, RPV 2872, SULFUR, HEIGHT: 6 FT 9 IN; DIAMETER: 9 FT 10 IN A/N:	D501				
KNOCK OUT POT, RPV 2896, FUEL GAS A/N:	D503				
FILTER, RPV 2948, SOLVENT W, HEIGHT: 2 FT 8 IN; DIAMETER: 10 IN A/N:	D504				
FILTER, RPV 2949, SOLVENT E, HEIGHT: 2 FT 8 IN; DIAMETER: 10 IN A/N:	D505				

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(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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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: CATALYTIC REFORMING					
DRUM, CHLORIDE TRAP, RPV 4015, HEIGHT: 7 FT 10 IN; DIAMETER: 5 FT 10 IN A/N:	D506				
TANK, SURGE, RPV 2836, FEED, LENGTH: 32 FT ; DIAMETER: 9 FT A/N:	D507				
COLUMN, NO. 3 REFORMER FRACTIONATOR DEISOPENTANIZER, RPV 2845,, HEIGHT: 93 FT 6 IN; DIAMETER: 8 FT A/N:	D509				
POT, INJECTION, RPV 4045, CHLORIDE, HEIGHT: 5 FT 8 IN; DIAMETER: 2 FT A/N:	D510				
VESSEL, RECEIVER, RPV 5109,WATER COLUMN, HEIGHT: 12 FT ; DIAMETER: 2 FT A/N:	C511				
TANK, FLASH, RPV 2863, REFORMATE, HEIGHT: 15 FT ; DIAMETER: 6 FT 6 IN A/N:	D512				
KNOCK OUT POT, RPV 2864, HYDROGEN GAS, HEIGHT: 6 FT ; DIAMETER: 2 FT 6 IN A/N:	D513				
REACTOR, RPV 2871, NO.1, HEIGHT: 11 FT 6 IN; DIAMETER: 6 FT 6 IN A/N:	D514			**HAP**: (10) [**40CFR 63 Subpart UUU, #1, 4-20-2006**]	

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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: CATALYTIC REFORMING					
REACTOR, RPV 5115, NO.4, HEIGHT: 12 FT 7 IN; DIAMETER: 15 FT 6 IN A/N:	D515			**HAP**: (10) [**40CFR 63 Subpart UUU, #1, 4-20-2006**]	
REACTOR, RPV 2873, NO.2, HEIGHT: 11 FT 6 IN; DIAMETER: 5 FT 6 IN A/N:	D516			**HAP**: (10) [**40CFR 63 Subpart UUU, #1, 4-20-2006**]	
REACTOR, RPV 2874, NO.3, HEIGHT: 11 FT 1 IN; DIAMETER: 7 FT A/N:	D517			**HAP**: (10) [**40CFR 63 Subpart UUU, #1, 4-20-2006**]	
KNOCK OUT POT, RPV 2876, HEIGHT: 8 FT ; DIAMETER: 2 FT A/N:	D518				
POT, STRIPPER REBOILER CONDENSATE, RPV 5110, HEIGHT: 3 FT ; DIAMETER: 1 FT 8 IN A/N:	D519				
FILTER, RPV 5754, FUEL GAS, HEIGHT: 10 FT ; DIAMETER: 1 FT 5 IN A/N:	D520				
KNOCK OUT POT, VAPOR RECOVERY, RPV 2891, HEIGHT: 12 FT ; DIAMETER: 6 FT A/N:	D521				
DRUM, RPV 5108, FRACTIONATOR REBOILER CONDENSATE, HEIGHT: 2 FT 2 IN; DIAMETER: 1 FT 10 IN A/N:	D522				
COMPRESSOR, RW 0005 087.06, RECYCLE GAS, CENTRIFUGAL A/N:	D523				

* (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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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Process 6: CATALYTIC REFORMING					
TANK, HOLDING, NO.930, SODA ASH, 300 BBL; DIAMETER: 13 FT 6 IN; HEIGHT: 12 FT A/N:	D525	D1313 D1314 D1656 D2807			
TANK, HOLDING, NO.931, UDEX FEED, 1570 BBL; DIAMETER: 25 FT ; HEIGHT: 18 FT A/N:	D526	D1313 D1314 D1656 D2807			
TANK, HOLDING, NO.932, PLANT SOLVENT, 1000 BBL; DIAMETER: 20 FT ; HEIGHT: 18 FT A/N:	D527	D1313 D1314 D1656 D2807			
TANK, HOLDING, NO.934, WET SOLVENT, 300 BBL; DIAMETER: 12 FT 3 IN; HEIGHT: 12 FT A/N:	D528	D1313 D1314 D1656 D2807			
SUMP, CONCRETE, SOLVENT, WITH METAL COVER, WIDTH: 6 FT ; DEPTH: 8 FT ; LENGTH: 6 FT A/N:	D529				
ADSORBER, DRIER, SECONDARY EAST, RPV 2981, HEIGHT: 10 FT 6 IN; DIAMETER: 3 FT 6 IN A/N:	D530				
ADSORBER, DRIER, SECONDARY WEST, RPV 2982, HEIGHT: 10 FT 6 IN; DIAMETER: 3 FT 6 IN A/N:	D531				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2491			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 4: CATALYTIC REFORMING UNIT HEATERS					

* (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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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: CATALYTIC REFORMING					
HEATER, NO.1 REFORMER, NO. 014, REFINERY GAS, ALCORN COMBUSTION COMPANY, WITH LOW NOX BURNER, 255 MMBTU/HR WITH A/N: 395838 BURNER, 75 BURNERS, REFINERY GAS, ZEECO, MODEL ZEECO, GLSF-9, WITH LOW NOX BURNER, 255 MMBTU/HR	D532	S533 S534	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.4, C1.19, D90.4, D328.1, H23.1, K67.1
STACK, HEIGHT: 40 FT ; DIAMETER: 7 FT A/N: 395838	S533	D532			
STACK, HEIGHT: 40 FT ; DIAMETER: 7 FT A/N: 395838	S534	D532			
HEATER, NO.2 REFORMER, # 015, REFINERY GAS, ALCORN COMBUSTION COMPANY, WITH LOW NOX BURNER, 310 MMBTU/HR WITH A/N: 395971 BURNER, 72 BURNERS, REFINERY GAS, JOHN ZINK, MODEL PSMR-12R(32 BURNERS), MODEL PSMR-15R(40 BURNERS), WITH LOW NOX BURNER, 310 MMBTU/HR BURNER, 15 BURNERS, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL HPMRA	D535	S536 S537	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.4, C1.20, D90.4, D328.1, H23.1

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
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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 6: CATALYTIC REFORMING					
STACK A/N: 395971	S536	D535			
STACK A/N: 395971	S537	D535			
HEATER, NO.3 REFORMER, NO.016, REFINERY GAS, ALCORN COMBUSTION COMPANY, WITH LOW NOX BURNER, 171 MMBTU/HR WITH A/N: 395649 BURNER, 40 BURNERS, REFINERY GAS, CALLIDUS, MODEL LE-CSG-4W, WITH LOW NOX BURNER, 171 MMBTU/HR	D1439		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.4, D90.4, D328.1, H23.1, K67.1
HEATER, NO.2 A, PROCESS REFORMER, REFINERY GAS, FOSTER WHEELER, WITH LOW NOX BURNER, 39 MMBTU/HR WITH A/N: 395668 BURNER, 5 BURNERS, REFINERY GAS, JOHN ZINK, MODEL PNDR-16, 39 MMBTU/HR	D538		NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	**CO**: 400 PPMV (5A) [**RULE 1146, 11-17-2000;** *RULE 1146, 9-5-2008*]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 36 PPMV REFINERY GAS (3) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	A63.28, B61.4, D12.3, D12.4, D29.3, D90.4, D328.1, 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
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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 6: CATALYTIC REFORMING					
HEATER, NO.1 REFORMER DESULFURIZER, REFINERY GAS, ALCORN COMBUSTION COMPANY, WITH LOW NOX BURNER, 52 MMBTU/HR WITH A/N: 395673 BURNER, 12 BURNERS, REFINERY GAS, JOHN ZINK, MODEL PNDR 16/14, WITH LOW NOX BURNER, 52 MMBTU/HR	D539		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	A63.27, B61.4, D29.3, D90.4, D328.1, H23.1, K67.1
HEATER, NO.2 REFORMER DESULFURIZER NO.2B, REFINERY GAS, FOSTER WHEELER, MODEL NO.1379, VERTICAL TUBE, WITH LOW NOX BURNER, 39 MMBTU/HR WITH A/N: 395718 BURNER, 5 BURNERS, REFINERY GAS, JOHN ZINK, WITH LOW NOX BURNER, 39 MMBTU/HR	D541		NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	**CO**: 400 PPMV (5A) [**RULE 1146, 11-17-2000;** *RULE 1146, 9-5-2008*]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 36 PPMV REFINERY GAS (3) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	A63.28, B61.4, D29.3, D90.4, D328.1, H23.1, K67.1
Process 7: HYDROGEN PRODUCTION					
System 1: HYDROGEN PLANT					S2.1, S13.2, S13.4, S46.1, S46.2, S56.1
COLUMN, SATURATOR, RPV 3040, HEIGHT: 63 FT 6 IN; DIAMETER: 6 FT A/N: 429513	D542				

* (1) (1A) (1B) Denotes RECLAIM emission factor
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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
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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 7: HYDROGEN PRODUCTION					
ABSORBER, CATACARB, RPV 3041, BOTTOM, HEIGHT: 133 FT ; DIAMETER: 10 FT 6 IN A/N: 429513	D543				
COLUMN, LEAN CATACARB REGENERATION, RPV 3042, HEIGHT: 68 FT ; DIAMETER: 6 FT 6 IN A/N: 429513	D544				
COLUMN, SEMI-LEAN CATACARB REGENERATOR, RPV 3043, HEIGHT: 89 FT ; DIAMETER: 12 FT 6 IN A/N: 429513	D545				
COLUMN, RPV 3045, FEED GAS MEA, COMMON TO LIGHT ENDS DEPROPANIZER UNIT, HEIGHT: 55 FT ; DIAMETER: 3 FT A/N: 429513	D546				
FILTER, CATACARB, RPV 3047, LENGTH: 6 FT 10 IN; DIAMETER: 5 FT A/N: 429513	D547				
DRUM, RPV 3048, CATACARB REFLUX, HEIGHT: 8 FT 10 IN; DIAMETER: 6 FT A/N: 429513	D548				
KNOCK OUT POT, RPV 3049, PROCESS GAS COOLER, HEIGHT: 11 FT ; DIAMETER: 4 FT 6 IN A/N: 429513	D549				

* (1) (1A) (1B) Denotes RECLAIM emission factor
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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.)
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FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 7: HYDROGEN PRODUCTION					
KNOCK OUT POT, RPV 3050, SEMI-LEAN CATACARB REBOILER CONDENSATE, HEIGHT: 14 FT ; DIAMETER: 4 FT 6 IN A/N: 429513	D550				
KNOCK OUT POT, RPV 3051, LEAN CATACARB REBOILER CONDENSATE, LENGTH: 15 FT ; DIAMETER: 5 FT A/N: 429513	D551				
DRUM, RPV 3052, ZINC OXIDE, LENGTH: 13 FT 4 IN; DIAMETER: 6 FT A/N: 429513	D552				
DRUM, RPV 3053, ZINC OXIDE, LENGTH: 13 FT 4 IN; DIAMETER: 6 FT A/N: 429513	D553				
REACTOR, HOT SHIFT CONVERTER, RPV 3055, LENGTH: 15 FT 10 IN; DIAMETER: 12 FT A/N: 429513	D554				
REACTOR, METHANATOR, RPV 3056, HEIGHT: 18 FT 3 IN; DIAMETER: 7 FT A/N: 429513	D555				
VESSEL, DEAERATOR, RPV 3071, HORIZONTAL SECTION, LENGTH: 6 FT ; DIAMETER: 6 FT A/N: 429513	D556				

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(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
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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 7: HYDROGEN PRODUCTION					
VESSEL, DEAERATOR, RPV 3057, VERTICAL SECTION, LENGTH: 18 FT ; DIAMETER: 9 FT A/N: 429513	D557				
REACTOR, COLD SHIFT CONVERTER, RPV 3058, LENGTH: 9 FT 5 IN; DIAMETER: 13 FT 6 IN A/N: 429513	D558				
KNOCK OUT POT, RPV 3059, LOW PRESSURE STEAM GENERATOR CONDENSATE, LENGTH: 15 FT ; DIAMETER: 5 FT 6 IN A/N: 429513	D559				
KNOCK OUT POT, COMPRESSOR DISCHARGE, RPV 3062, FEED GAS, LENGTH: 10 FT ; DIAMETER: 3 FT A/N: 429513	D560				
DRUM, KNOCK-OUT, RPV 3063, FEED GAS COMPRESSOR SUCTION, HEIGHT: 10 FT ; DIAMETER: 3 FT 6 IN A/N: 429513	D561				
KNOCK OUT POT, RPV 3064, CHEVIOT HILLS GAS, LENGTH: 9 FT 6 IN; DIAMETER: 3 FT 6 IN A/N: 429513	D562				
FILTER, RPV 5751, REFORMIND HEATER FUEL GAS, HEIGHT: 14 FT ; DIAMETER: 3 FT A/N: 429513	D563				

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(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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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 7: HYDROGEN PRODUCTION					
COMPRESSOR, RW 0028, FEED GAS, WORTHINGTON, RECIPROCATING TYPE, PACKED GLAND, SERIAL NO. L81808 A/N: 429513	D564				E71.2
COMPRESSOR, RW 0029 27.4, FEED GAS, WORTHINGTON, RECIPROCATING TYPE, PACKED GLAND, SERIAL NO. L81809 A/N: 429513	D565				E71.2
COMPRESSOR, RW 0030, FEED GAS, WORTHINGTON, RECIPROCATING WITH PACKED GLAND A/N: 429513	D566				E71.2
REACTOR, COBALT- MOLY CATALYTIC, RPV 3099, HEIGHT: 20 FT ; DIAMETER: 7 FT 6 IN A/N: 429513	D567				
KNOCK OUT POT, CO2 CONDENSER, RPV 5252, HEIGHT: 8 FT ; DIAMETER: 5 FT A/N: 429513	D568				
TANK, SURGE, TK NO. 0922, CATACARB, HEIGHT: 20 FT ; DIAMETER: 25 FT A/N: 429513	D569			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 429513	D2492				H23.3
System 2: HYDROGEN PRODUCTION NO.2 PLANT(KTI SYSTEM)					S2.1, S13.2, S13.4, S46.1, S46.2, S56.1

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(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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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 7: HYDROGEN PRODUCTION					
COMPRESSOR, RW 0052, FEED GAS, MECHANICAL SEAL, OIL FILLED,W/BUFFER GAS A/N:	D1443				
TANK, SURGE, RW 6123, PENTANE, LENGTH: 14 FT ; DIAMETER: 4 FT A/N:	D1444				
REACTOR, COMO, RW 6158, LENGTH: 14 FT ; DIAMETER: 5 FT A/N:	D1446				
REACTOR, CHLORIDE/SULFUR GUARD, RW 6159, LENGTH: 28 FT ; DIAMETER: 8 FT A/N:	D1447				
REACTOR, CHLORIDE/SULFUR GUARD, RW 6160, LENGTH: 28 FT ; DIAMETER: 8 FT A/N:	D1448				
REACTOR, HIGH TEMPERATURE SHIFT, RW 6161, LENGTH: 14 FT ; DIAMETER: 9 FT A/N:	D1449				
KNOCK OUT POT, RW 6114, HOT CONDENSATE, LENGTH: 9 FT 6 IN; DIAMETER: 5 FT A/N:	D1450				
KNOCK OUT POT, RW 6115, COLD CONDENSATE, LENGTH: 12 FT ; DIAMETER: 4 FT A/N:	D1451				

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(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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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 7: HYDROGEN PRODUCTION					
VESSEL, RW 6122, DEAERATOR, PROCESS CONDENSATE, LENGTH: 7 FT 4 IN; DIAMETER: 8 FT A/N:	D1452				
DRUM, RW 6119, FLARE CONDENSATE, LENGTH: 9 FT ; DIAMETER: 3 FT 6 IN A/N:	D1453				
ADSORBER, PRESSURE SWING, RW 6145, HEIGHT: 21 FT ; DIAMETER: 8 FT 6 IN A/N:	D1455				
ADSORBER, PRESSURE SWING, RW 6146, HEIGHT: 21 FT ; DIAMETER: 8 FT 6 IN A/N:	D1456				
ADSORBER, PRESSURE SWING, RW 6147, HEIGHT: 21 FT ; DIAMETER: 8 FT 6 IN A/N:	D1457				
ADSORBER, PRESSURE SWING, RW 6148, HEIGHT: 21 FT ; DIAMETER: 8 FT 6 IN A/N:	D1458				
ADSORBER, PRESSURE SWING, RW 6149, HEIGHT: 21 FT ; DIAMETER: 8 FT 6 IN A/N:	D1459				
ADSORBER, PRESSURE SWING, RW 6150, HEIGHT: 21 FT ; DIAMETER: 8 FT 6 IN A/N:	D1460				

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(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
BP WEST COAST PROD.LLC BP CARSON REF.

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 7: HYDROGEN PRODUCTION					
ADSORBER, PRESSURE SWING, RW 6151, HEIGHT: 21 FT ; DIAMETER: 8 FT 6 IN A/N:	D1461				
ADSORBER, PRESSURE SWING, RW 6152, HEIGHT: 21 FT ; DIAMETER: 8 FT 6 IN A/N:	D1462				
DRUM, RW 6118, PSA TAIL GAS, LENGTH: 80 FT ; DIAMETER: 12 FT A/N:	D1463				
FILTER, RW 6153, FUEL GAS, BASKET TYPE A/N:	D1464				
FILTER, RW 6245, PRODUCT HYDROGEN, BASKET TYPE A/N:	D2049				
DRUM, SILENCER, RW 0006, PSA PURGE GAS, LENGTH: 5 FT ; DIAMETER: 5 FT 6 IN A/N:	D2055				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2493			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 3: HYDROGEN PRODUCTION UNIT HEATERS					

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 7: HYDROGEN PRODUCTION					
HEATER, HYDROGEN PLANT, PRIMARY REFORMER, NATURAL GAS, REFINERY GAS, STOCKER AND SO. CAL NATURAL GAS, UP-FIRED NATURAL DRAFT BOX TYPE, WITH LOW NOX BURNER, 650 MMBTU/HR WITH A/N: 396047 BURNER, 144 BURNERS, REFINERY GAS, JOHN ZINK, MODEL GO-33-40, WITH LOW NOX BURNER, 650 MMBTU/HR	D570	C571	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.4, D90.4, D328.1, H23.1

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

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FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 7: HYDROGEN PRODUCTION					
HEATER, RW 0054, HYDROGEN REFORMING, NATURAL GAS, PSA GAS, WITH LOW NOX BURNER, 427 MMBTU/HR WITH A/N: 498084 BURNER, WITH 55 BURNERS, NATURAL GAS, PSA GAS, JOHN ZINK, MODEL PSFG-30 & PSFFG-60, WITH LOW NOX BURNER, 427 MMBTU/HR	D1465	C1466	NOX: MAJOR SOURCE**; SOX: PROCESS UNIT**	**CO**: 8.56 LBS/HR NATURAL GAS (4) ; **CO**: 25 PPMV NATURAL GAS (4) ; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 6.75 LBS/HR NATURAL GAS (4) [**RULE 2005, 4-20-2001; RULE 2005, 5-6-2005**]; **NOX**: 12 PPMV NATURAL GAS (4) [**RULE 2005, 4-20-2001; RULE 2005, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]; **PM10**: 8.54 LBS/HR NATURAL GAS (4) [**RULE 1303(b)(2)-Offset, 5-10-1996**]; **ROG**: 2.85 LBS/HR NATURAL GAS (4) [**RULE 1303(b)(2) -Offset, 5-10-1996**]	A63.33, B61.4, C1.24, C8.1, D12.12, D12.13, D29.3, D328.1, E71.7, E74.1, E175.1, E193.1, H23.1
System 4: SELECTIVE CATALYTIC CONTROL SYSTEM					
SELECTIVE CATALYTIC REDUCTION, USING IHI HONEYCOMB TYPE CATALYST, 1152 CU.FT.; WIDTH: 7 FT ; HEIGHT: 11 FT ; LENGTH: 57 FT A/N:	C571	D570 S573 S574 S575			E57.1
AMMONIA INJECTION A/N:	D572				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 7: HYDROGEN PRODUCTION					
STACK A/N: 395796	S573	C571			
STACK A/N: 395796	S574	C571			
STACK A/N: 395796	S575	C571			
SELECTIVE CATALYTIC REDUCTION, 369 CU.FT.; WIDTH: 8 FT 1.5 IN; HEIGHT: 9 FT 4 IN; LENGTH: 35 FT .5 IN A/N: 395576	C1466	D1465 S1468		**NH3**: 20 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	D12.14, D28.4, E71.8
AMMONIA INJECTION, WITH AMMONIA MIXER AND TWO BLOWERS, EACH WITH A 5 HP MOTOR A/N: 395576	D1467				
STACK, WITH A 520 HP BLOWER, HEIGHT: 150 FT ; DIAMETER: 7 FT 11 IN A/N: 395576	S1468	C1466			
Process 8: HYDROCRACKING					
System 1: HYDROCRACKER UNIT(REACTION SECTION)					S13.2, S31.9, S56.1
REACTOR, FIRST STAGE, RPV 3500, R-1 A/N:	D576				
REACTOR, FIRST STAGE, RPV 3501, R-2 A/N:	D577				
REACTOR, FIRST STAGE, RPV 3502, R-3 A/N:	D578				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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: HYDROCRACKING					
REACTOR, SECOND STAGE, RPV 3503, R-4 A/N:	D579				
VESSEL, SEPARATOR, HIGH PRESSURE, RPV 3511 A/N:	D581				
VESSEL, COALESCER, RPV 3512, HPS WATER COALESCER A/N:	D582				
VESSEL, SEPARATOR, LOW PRESSURE, RPV 3513, HEIGHT: 44 FT ; DIAMETER: 10 FT A/N:	D583				
TANK, SURGE, RPV-5631, FEED, HEIGHT: 40 FT ; DIAMETER: 10 FT A/N:	D584				
KNOCK OUT POT, EAST FUEL GAS, RPV 3211, HEIGHT: 7 FT 9 IN; DIAMETER: 5 FT A/N:	D593				
KNOCK OUT POT, SEPARATOR, EAST, INSTRUMENT AIR, RPV 3636, HEIGHT: 1 FT 8 IN; DIAMETER: 1 FT 2 IN A/N:	D594				
TANK, FLASH, RPV 5649, SOUR WATER, HEIGHT: 5 FT 9 IN; DIAMETER: 2 FT 6 IN A/N:	D595				
FILTER, RPV 5752, FRACTIONATOR/JET FUEL, HEIGHT: 12 FT ; DIAMETER: 24 FT A/N:	D596				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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: HYDROCRACKING					
FILTER, REACTOR HEATER FUEL GAS, RPV-5753, HEIGHT: 10 FT ; DIAMETER: 2 FT A/N:	D597				
DRUM, KNOCK OUT, MAKE UP COMPRESSOR, WITH NITROGEN BLANKET, HEIGHT: 6 FT ; DIAMETER: 1 FT A/N:	D598				
TANK, SURGE, NO. 913, RECYCLE SURGE, 3750 BBL; DIAMETER: 30 FT ; HEIGHT: 30 FT A/N:	D599			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	
TANK, NORTH MAKE UP COMPRESSOR OIL RESERVOIR, WITH NITROGEN BLANKET, 60 GALS; DIAMETER: 1 FT 8 IN; HEIGHT: 4 FT A/N:	D600				
TANK, SOUTH MAKE UP COMPRESSOR RESEVOIR, WITH NITROGEN BLANKET, 600 GALS; DIAMETER: 2 FT 6 IN; HEIGHT: 16 FT A/N:	D601				
COMPRESSOR, RW 10 087.6 RECYCLE GAS, CENTRIFUGAL, CLARK MODEL 2 BA A/N:	D602				
COMPRESSOR, RW 20 087.32, NO. 1, MAKE-UP GAS, RECIPROCATING TYPE, WORTHINGTON 4 STAGE NO. L-81794 B, MODEL BDO-4 A/N:	D603				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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: HYDROCRACKING					
COMPRESSOR, RW 21 087.32, NO. 2, MAKE-UP GAS, RECIPROCATING TYPE, WORTHINGTON 4 STAGE NO. L-81794 B, MODEL BDO-4 A/N:	D604				
VESSEL, RPV 5525, SOUTH FEED COALESCER, HEIGHT: 9 FT 6 IN; DIAMETER: 3 FT 6 IN A/N:	D1470				
VESSEL, RPV 5526, NORTH FEED COALESCER, HEIGHT: 9 FT 6 IN; DIAMETER: 3 FT 6 IN A/N:	D1471				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2494			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 2: HYDROCRACKER UNIT(FRACTIONATION SECTION)					S13.2, S15.6, S31.9, S56.1
COLUMN, STRIPPER, RPV 3600, HEAVY HYDROCRACKATE, HEIGHT: 60 FT 6 IN; DIAMETER: 6 FT A/N:	D607				
COLUMN, FRACTIONATOR, RPV 3601, HEIGHT: 136 FT ; DIAMETER: 13 FT A/N:	D608	D706			
COLUMN, DEBUTANIZER TOWER, RPV 3603, HEIGHT: 91 FT ; DIAMETER: 6 FT A/N:	D610				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 8: HYDROCRACKING					
COLUMN, TREATER, RPV 3604, LIQUID AMINE, HEIGHT: 27 FT ; DIAMETER: 7 FT A/N:	D611				
SCRUBBER, RPV 3605, LP MDEA, HEIGHT: 52 FT ; DIAMETER: 3 FT A/N:	D612				
SCRUBBER, RPV 3606, AMINE, HEIGHT: 66 FT 6 IN; DIAMETER: 3 FT A/N:	D613				
ACCUMULATOR, RPV 3610, DEBUTANIZER OVERHEAD, LENGTH: 22 FT ; DIAMETER: 7 FT A/N:	D614				
ACCUMULATOR, RPV 3611, FRACTIONATOR OVERHEAD, LENGTH: 21 FT ; DIAMETER: 7 FT A/N:	D615				
ACCUMULATOR, RPV 3612, FRACTIONATOR HOT REFLUX, LENGTH: 32 FT ; DIAMETER: 8 FT A/N:	D616				
SETTLING TANK, RPV 3614, AMINE, LENGTH: 24 FT ; DIAMETER: 6 FT 6 IN A/N:	D617				
KNOCK OUT POT, RPV 3617, OVERHEAD GAS, HEIGHT: 10 FT 6 IN; DIAMETER: 3 FT A/N:	D619				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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: HYDROCRACKING					
COMPRESSOR, RW 22 087.32, NO. 3, FRACTIONATOR OVERHEAD GAS, UNIT L-83247 A/N:	D622				
COMPRESSOR, RW 23 087.32, NO. 2, FRACTIONATOR OVERHEAD GAS, UNIT L-83248 A/N:	D623				
COMPRESSOR, RW 24 087.32 NO. 1, FRACTIONATOR OVERHEAD GAS, UNIT L-83249 A/N:	D624				
TOWER, STRIPPER, RPV 6233, DISTILLATE HYDROCRACKATE, HEIGHT: 52 FT 9 IN; DIAMETER: 7 FT A/N:	D2070				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2495			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 3: HYDROCRACKING UNIT HEATERS					

* (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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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: HYDROCRACKING					
HEATER, NO.R1, RECYCLE GAS, REFINERY GAS, WITH LOW NOX BURNER, 39 MMBTU/HR WITH A/N: 395671 BURNER, FOUR(4) BURNERS, REFINERY GAS, JOHN ZINK, MODEL NO.PNDR-20, WITH LOW NOX BURNER, 39 MMBTU/HR	D625		NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	**CO**: 400 PPMV (5A) [**RULE 1146, 11-17-2000;** *RULE 1146, 9-5-2008*]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 36 PPMV REFINERY GAS (3) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	A63.28, B61.4, D12.7, D29.3, D90.4, D328.1, H23.1
HEATER, NO.R4, RECYCLE GAS, REFINERY GAS, WITH LOW NOX BURNER, 39 MMBTU/HR WITH A/N: BURNER, THREE(3) BURNERS, REFINERY GAS, JOHN ZINK, MODEL PNDR-16, WITH LOW NOX BURNER, 39 MMBTU/HR	D626		NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	**CO**: 400 PPMV (5A) [**RULE 1146, 11-17-2000;** *RULE 1146, 9-5-2008*]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 36 PPMV REFINERY GAS (3) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.4, C1.48, D12.7, D90.4, D328.1, H23.1

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

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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 8: HYDROCRACKING					
HEATER, NO.R2 RECYCLE GAS, REFINERY GAS, WITH LOW NOX BURNER, 39 MMBTU/HR WITH A/N: 395669 BURNER, FOUR(4) BURNERS, REFINERY GAS, JOHN ZINK, MODEL NO. PNDR-18, WITH LOW NOX BURNER, 39 MMBTU/HR	D627		NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	**CO**: 400 PPMV (5A) [**RULE 1146, 11-17-2000;** *RULE 1146, 9-5-2008*]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 36 PPMV REFINERY GAS (3) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	A63.28, B61.4, D12.7, D29.3, D90.4, D328.1, H23.1
HEATER, NO.R3 RECYCLE GAS, REFINERY GAS, WITH LOW NOX BURNER, 39 MMBTU/HR WITH A/N: 395672 BURNER, THREE(3)BURNERS, REFINERY GAS, JOHN ZINK, MODEL NO.PNDR-16, WITH LOW NOX BURNER, 39 MMBTU/HR	D628		NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	**CO**: 400 PPMV (5A) [**RULE 1146, 11-17-2000;** *RULE 1146, 9-5-2008*]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 36 PPMV REFINERY GAS (3) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	A63.28, B61.4, D12.7, D29.3, D90.4, D328.1, H23.1

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

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FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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: HYDROCRACKING					
HEATER, REBOILER NO.017, HYDROCRACKER FRACTIONATOR, REFINERY GAS, BORN ENGINEERING COMPANY, MODEL VERTICAL TYPE, WITH LOW NOX BURNER, 173 MMBTU/HR WITH A/N: 396048 BURNER, TWELVE(12) BURNERS, REFINERY GAS, JOHN ZINK, MODEL PSMR-18RM, WITH LOW NOX BURNER, 173 MMBTU/HR	D629		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	A63.14, B61.4, D29.3, D90.4, D328.1, H23.1, K40.3, K67.2
Process 9: ALKYLATION AND POLYMERIZATION					
System 1: C4 ALKYLATION UNIT					S13.2, S15.31, S31.1, S46.1, S46.2, S56.1
TANK, SETTLING,RPV-5299, ACID, HEIGHT: 70 FT ; DIAMETER: 15 FT A/N:	D1479				
TANK, SETTLING, RPV-5300, ACID, HEIGHT: 70 FT ; DIAMETER: 15 FT A/N:	D1480				
TANK, SETTLING, RPV-5301, ACID, HEIGHT: 70 FT ; DIAMETER: 15 FT A/N:	D1481				
DRUM, SUCTION TRAP/FLASH, RPV 5303, HEIGHT: 56 FT ; DIAMETER: 16 FT A/N:	D1482				

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(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
BP WEST COAST PROD.LLC BP CARSON REF.

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 9: ALKYLATION AND POLYMERIZATION					
ACCUMULATOR, RPV-5313, REFRIGERANT, HEIGHT: 16 FT 6 IN; DIAMETER: 5 FT 6 IN A/N:	D1483				
VESSEL, SEPARATOR, REFRIGERANT, RPV-5308,, HEIGHT: 27 FT ; DIAMETER: 9 FT A/N:	D1484				
VESSEL, COALESCER, RPV-5290, FEED, HEIGHT: 4 FT 4 IN; DIAMETER: 4 FT 6 IN A/N:	D1485				
TANK, WASH, RPV-5316, ACID, HEIGHT: 49 FT 6 IN; DIAMETER: 16 FT A/N:	D1486				
TANK, WASH, RPV-5317, ALKALINE WATER, LENGTH: 45 FT ; DIAMETER: 15 FT A/N:	D1487				
VESSEL, ECONOMIZER, RPV 5310, HEIGHT: 26 FT 6 IN; DIAMETER: 8 FT 6 IN A/N:	D1488				
ACCUMULATOR, RPV-5325, DEISOBUTANIZER OVERHEAD, LENGTH: 42 FT ; DIAMETER: 14 FT A/N:	D1489				
TANK, WASH, RPV-5314, ALKY, DEPROPANIZER CAUSTIC, LENGTH: 25 FT 6 IN; DIAMETER: 8 FT 6 IN A/N:	D1490				

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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
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(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Process 9: ALKYLATION AND POLYMERIZATION					
VESSEL, COALESCER, RPV-5315, DEPROPANIZER FEED, LENGTH: 10 FT ; DIAMETER: 1 FT 10 IN A/N:	D1491				
DRUM, K.O., RPV-5340, ACID, HEIGHT: 3 FT ; DIAMETER: 2 FT A/N:	D1492				
STORAGE TANK, FIXED ROOF, RPV-5380,, FRESH ACID, LENGTH: 50 FT ; DIAMETER: 13 FT A/N:	D1493				
STORAGE TANK, FIXED ROOF, RPV-5381, FRESH ACID, LENGTH: 50 FT ; DIAMETER: 13 FT A/N:	D1494				
TOWER, DEISOBUTANIZER, RPV 5318, HEIGHT: 162 FT 6 IN; DIAMETER: 12 FT 6 IN A/N:	D1495				
REACTOR, CONTACTOR STRATCO, RPV 5291, WITH A 500 H.P. AGITATOR A/N:	D1496				
REACTOR, CONTACTOR STRATCO, RPV 5292, WITH A 500 H.P. AGITATOR A/N:	D1497				
REACTOR, CONTACTOR STRATCO, RPV 5293, WITH A 500 H.P. AGITATOR A/N:	D1498				

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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
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 9: ALKYLATION AND POLYMERIZATION					
REACTOR, CONTACTOR STRATCO, RPV 5294, WITH A 500 H.P. AGITATOR A/N:	D1499				
REACTOR, CONTACTOR STRATCO, RPV 5295, WITH A 500 H.P. AGITATOR A/N:	D1500				
REACTOR, CONTACTOR STRATCO, RPV 5296, WITH A 500 H.P. AGITATOR A/N:	D1501				
COMPRESSOR, RW 47 087.05, REFRIGERATION (EFFLUENT), CENTRIFUGAL MULTI-STAGE A/N:	D1502				
VESSEL, COALESCER, SAND FILTER, RPV 5285 A/N:	D1520				
TOWER, RW 5965, C5 SIDESTRIPPER FOR DEBUTANIZER, HEIGHT: 32 FT ; DIAMETER: 4 FT A/N:	D1522				
TOWER, ALKY DEP, RPV 842, HEIGHT: 85 FT 2 IN; DIAMETER: 4 FT 6 IN A/N:	D631				
TOWER, ALKY DEB, RPV-843, NO. 1A, HEIGHT: 121 FT 1 IN; DIAMETER: 8 FT A/N:	D632				

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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
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 9: ALKYLATION AND POLYMERIZATION					
COLUMN, DEISOBUTANIZER, RPV 875, NO.1B, HEIGHT: 120 FT ; DIAMETER: 5 FT A/N:	D634				
TANK, SURGE, RPV 0211, NAPHTHA, HEIGHT: 8 FT ; DIAMETER: 3 FT 5 IN A/N:	D635				
TOWER, COKER DEPROP, RPV 951, HEIGHT: 75 FT 8 IN; DIAMETER: 4 FT A/N:	D638				
TANK, EMERGENCY ALKYLATION, RPV 830, HEIGHT: 32 FT ; DIAMETER: 10 FT A/N:	D639				
TANK, EMERGENCY ALKYLATION, RPV 831, HEIGHT: 32 FT ; DIAMETER: 10 FT A/N:	D640				
TANK, EMERGENCY ALKYLATION, RPV 832, HEIGHT: 32 FT ; DIAMETER: 10 FT A/N:	D641				
TANK, EMERGENCY ALKYLATION, RPV 834, HEIGHT: 36 FT ; DIAMETER: 8 FT A/N:	D642				
TANK, EMERGENCY ALKYLATION , RPV 835, HEIGHT: 36 FT ; DIAMETER: 8 FT A/N:	D643				

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(3) Denotes RECLAIM concentration limit
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(5) (5A) (5B) Denotes command and control emission limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 9: ALKYLATION AND POLYMERIZATION					
TANK, EMERGENCY ALKYLATION , RPV 836, HEIGHT: 36 FT ; DIAMETER: 8 FT A/N:	D644				
TANK, EMERGENCY ALKYLATION , RPV 837, HEIGHT: 36 FT ; DIAMETER: 8 FT A/N:	D645				
ACCUMULATOR, RPV 847, NO. 1A, ALKYLATION DEBUT OVERHEAD, LENGTH: 20 FT ; DIAMETER: 5 FT A/N:	D646				
DRUM, SPENT CAUSTIC DEGASSING , RPV 859, LENGTH: 20 FT ; DIAMETER: 5 FT A/N:	D647				
DRUM, DEGASSING, RPV 0884, PROCESS WASTE WATER, HEIGHT: 10 FT ; DIAMETER: 5 FT A/N:	D648				
DRUM, ACID BLOWDOWN NEUTRALIZING, RPV 972, HEIGHT: 10 FT ; DIAMETER: 8 FT A/N:	D649				
TANK, SURGE, RPV 890, ISOBUTANE FEED, HEIGHT: 40 FT ; DIAMETER: 12 FT 11 IN A/N:	D650				
DRUM, ACID RELIEF BLOWDOWN, RPV 892, LENGTH: 40 FT ; DIAMETER: 13 FT A/N:	D651				

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 9: ALKYLATION AND POLYMERIZATION					
DRUM, DEGASSING, RPV-985, MEROX W/W WATER, LENGTH: 13 FT 6 IN; DIAMETER: 8 FT A/N:	D652				
DRUM, RPV-966, SPENT ACID, LENGTH: 39 FT 6 IN; DIAMETER: 13 FT A/N:	D659				
DRUM, RPV-967, SPENT ACID, LENGTH: 39 FT 6 IN; DIAMETER: 13 FT A/N:	D660				
STORAGE TANK, RPV-969, NO.2 ALKYLATION ACID, LENGTH: 44 FT ; DIAMETER: 12 FT A/N:	D661				
STORAGE TANK, RPV-970, NO. A-371, NO.2 ALKYLATION ACID, LENGTH: 44 FT ; DIAMETER: 12 FT A/N:	D662				
DRUM, BLOWDOWN, RPV 971, MTBE/MEROX HYDROCARBON, HEIGHT: 9 FT 8 IN; DIAMETER: 8 FT A/N:	D663			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
TOWER, OXIDIZER, RPV 994, MEROX SOLUTION, HEIGHT: 30 FT ; DIAMETER: 3 FT A/N:	D665				
POT, RPV 5385, MEROX CATALYST ADDITION, HEIGHT: 4 FT ; DIAMETER: 1 FT A/N:	D666				

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(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
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Process 9: ALKYLATION AND POLYMERIZATION					
DRUM, BLOWDOWN, RPV 891, ACID, LENGTH: 40 FT ; DIAMETER: 13 FT A/N:	D667				
DRUM, BLOWDOWN, RPV 989, ALKY HYDROCARBON, HEIGHT: 16 FT 9 IN; DIAMETER: 8 FT 1 IN A/N:	D668			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
KNOCK OUT POT, RPV 2244, DRIP, SOUR GAS, HEIGHT: 6 FT 6 IN; DIAMETER: 6 IN A/N:	D669				
ACCUMULATOR, RPV 5494, NO. 1, ALKYLATION DEBUT OVERHEAD, LENGTH: 12 FT ; DIAMETER: 4 FT A/N:	D670				
DRUM, RPV 5302, ATMOSPHERIC FLASH, HEIGHT: 11 FT 8 IN; DIAMETER: 6 FT 6 IN A/N:	D1527				
KNOCK OUT POT, RPV 5339, DEPROPANIZER OVERHEAD WATER, HEIGHT: 5 FT ; DIAMETER: 2 FT A/N:	D1528				
TANK, SURGE, RPV 5350, #314 , COKER DEPROPANIZER FEED, HEIGHT: 30 FT ; DIAMETER: 8 FT A/N:	D1529				
KNOCK OUT POT, RPV 5377, COKER DEPROPANIZER, HEIGHT: 11 FT 8 IN; DIAMETER: 6 FT 6 IN A/N:	D1531				

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(5) (5A) (5B) Denotes command and control emission limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 9: ALKYLATION AND POLYMERIZATION					
TOWER, RPV 5551, WATER KNOCKOUT DRUM, HEIGHT: 17 FT 9 IN; DIAMETER: 6 FT A/N:	D1532				
KNOCK OUT POT, RPV 5609, C4/ OLEFIN FEED WATER(TK 314), HEIGHT: 4 FT ; DIAMETER: 1 FT A/N:	D1533				
KNOCK OUT POT, RPV 5611, C4/OLEFIN FEED WATER(TK311), HEIGHT: 4 FT ; DIAMETER: 1 FT A/N:	D1535				
KNOCK OUT POT, RPV 5612, IC4/OLEFIN FEED WATER(TK330) A/N:	D1536				
KNOCK OUT POT, RPV 5614, DEPROPANIZER FEED WATER(TK314), HEIGHT: 3 FT ; DIAMETER: 1 FT A/N:	D1538				
VESSEL, SEPARATOR, RPV 5336, HYDROCARBON/CONDENSATE, HEIGHT: 6 FT 8 IN; DIAMETER: 7 FT 6 IN A/N:	D2019				
ACCUMULATOR, RPV 956, SOLVENT RERUN TOWER OVERHEAD, LENGTH: 20 FT ; DIAMETER: 5 FT A/N:	D2044				

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Process 9: ALKYLATION AND POLYMERIZATION					
REACTOR, CONTACTOR STRATCO 4A, RW 6366, WITH A 500 H.P. AGITATOR A/N:	D2146				
REACTOR, CONTACTOR STRATCO 4B, RW 6367, WITH A 500 H.P. AGITATOR A/N:	D2147				
TANK, SETTLING, RW-6368, ACID, HEIGHT: 70 FT ; DIAMETER: 15 FT A/N:	D2148				
TOWER, RPV-5351, WATER WASH, BY ADDING NEW TRAYS, HEIGHT: 74 FT ; DIAMETER: 7 FT A/N:	D1517				
TOWER, EXTRACTOR, RPV-5284, BY ADDING NEW TRAYS, HEIGHT: 33 FT ; DIAMETER: 7 FT A/N:	D1521				
DRUM, WASH NAPHTHA SETTLER, RW 0059, HEIGHT: 10 FT ; DIAMETER: 7 FT A/N:	D2369				
VESSEL, COALESCER, RW 6430, MIXED C4 FEED, HEIGHT: 4 FT 4 IN; DIAMETER: 2 FT 8 IN A/N:	D2370				
DRUM, CAUSTIC PREWASH, RW 6424, HEIGHT: 20 FT ; DIAMETER: 11 FT A/N:	D2371				

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(5) (5A) (5B) Denotes command and control emission limit
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Process 9: ALKYLATION AND POLYMERIZATION					
VESSEL, DISULFIDE SEPARATOR, RW 6425, LENGTH: 24 FT ; DIAMETER: 6 FT 6 IN A/N:	D2372			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	
FILTER, DISULFIDE SAND, RW-6426, HEIGHT: 7 FT ; DIAMETER: 2 FT A/N:	D2373				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2496			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 2: CATALYTIC POLYMERIZATION UNIT					S13.2, S31.3, S56.1
VESSEL, POLY FEED BULLET , RPV 2464, LENGTH: 32 FT ; DIAMETER: 9 FT A/N:	D671				
REACTOR, POLY, RPV 5269, HEIGHT: 33 FT 7 IN; DIAMETER: 4 FT 10 IN A/N:	D672				
REACTOR, POLY, RPV 5270, HEIGHT: 33 FT 7 IN; DIAMETER: 4 FT 10 IN A/N:	D673				
REACTOR, POLY, RPV 5271, HEIGHT: 33 FT 7 IN; DIAMETER: 4 FT 10 IN A/N:	D674				
REACTOR, POLY, RPV 5272, HEIGHT: 33 FT 7 IN; DIAMETER: 4 FT 10 IN A/N:	D675				
REACTOR, POLY, RPV 5273, HEIGHT: 33 FT 7 IN; DIAMETER: 4 FT 10 IN A/N:	D676				

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(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Process 9: ALKYLATION AND POLYMERIZATION					
REACTOR, POLY, RPV 5274, HEIGHT: 33 FT 7 IN; DIAMETER: 4 FT 10 IN A/N:	D677				
REACTOR, POLY, RPV 5275, HEIGHT: 33 FT 7 IN; DIAMETER: 4 FT 10 IN A/N:	D678				
REACTOR, POLY, RPV 5276, HEIGHT: 33 FT 7 IN; DIAMETER: 4 FT 10 IN A/N:	D679				
REACTOR, POLY, RPV 5277, HEIGHT: 33 FT 7 IN; DIAMETER: 4 FT 10 IN A/N:	D680				
REACTOR, POLY, RPV 5278, HEIGHT: 33 FT 7 IN; DIAMETER: 4 FT 10 IN A/N:	D681				
TOWER, DEPROPANIZER, RPV 2469, HEIGHT: 87 FT ; DIAMETER: 6 FT 6 IN A/N:	D682				
ACCUMULATOR, RPV 2461, DEPROPANIZER OVERHEAD, LENGTH: 12 FT ; DIAMETER: 6 FT A/N:	D683				
VESSEL, RPV 2466, WATER WASH SETTLER, LENGTH: 11 FT 6 IN; DIAMETER: 8 FT A/N:	D684				
KNOCK OUT POT, VAPOR RECOVERY, RPV 2467, HEIGHT: 7 FT 6 IN; DIAMETER: 6 FT A/N:	D685				

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(5) (5A) (5B) Denotes command and control emission limit
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Process 9: ALKYLATION AND POLYMERIZATION					
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2497			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 6: C5 ALKY DEPENTANIZER SYSTEM					S13.2, S46.1, S46.2, S56.1
TOWER, RW 5954, DEPENTANIZER, HEIGHT: 160 FT 6 IN; DIAMETER: 12 FT A/N: 429519	D1539				
ACCUMULATOR, RW 5955, DEPENTANIZER OVERHEAD, HEIGHT: 33 FT ; DIAMETER: 11 FT A/N: 429519	D1541				
DRUM, RW 5963, C5 ALKY DEPENTANIZER FLARE KNOCKOUT, LENGTH: 19 FT 6 IN; DIAMETER: 6 FT 6 IN A/N: 429519	D2056			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
DRUM, RW 5966, C5 ALKY DEPENTANIZER OILY WATER SEWER, LENGTH: 8 FT 10 IN; DIAMETER: 4 FT A/N: 429519	D2057				
DRUM, RW 5967, C5 ALKY DEPENTANIZER OILY WATER SEWER, LENGTH: 8 FT 10 IN; DIAMETER: 4 FT A/N: 429519	D2058			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
VESSEL, COALESCER, RW 5970, C5 ALKY DEPENTANIZER HYDROCARBON/CONDENSATE, LENGTH: 8 FT ; DIAMETER: 3 FT A/N: 429519	D2059				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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: ALKYLATION AND POLYMERIZATION					
DRUM, ATMOSPHERIC FLASH, RPV 5969, HEIGHT: 15 FT 10 IN; DIAMETER: 7 FT 10 IN A/N: 429519	D2891				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 429519	D2501			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 8: NAPHTHA ISOMERIZATION UNIT					S13.2, S15.6, S46.1, S46.2, S56.1
SCRUBBER, RW 5829, OFF GAS, HEIGHT: 48 FT 6 IN; DIAMETER: 5 FT A/N: 438642	D1585				
TOWER, ISOM STABILIZER, RW 5831, HEIGHT: 100 FT 11 IN; DIAMETER: 8 FT 6 IN A/N: 438642	D1586				
REACTOR, BENSAT, RW 5841, HEIGHT: 20 FT 9 IN; DIAMETER: 6 FT 6 IN A/N: 438642	D1588				
TANK, SURGE, RW 5842, ISOM FEED, HEIGHT: 36 FT ; DIAMETER: 9 FT A/N: 438642	D1589				
VESSEL, SULFUR TRAP, RW 5844, BENSAT REACTOR, HEIGHT: 13 FT ; DIAMETER: 7 FT A/N: 438642	D1590				

* (1) (1A) (1B) Denotes RECLAIM emission factor
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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
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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 9: ALKYLATION AND POLYMERIZATION					
TANK, SURGE, RW 5846, BENSAT FEED, HEIGHT: 36 FT ; DIAMETER: 9 FT A/N: 438642	D1591				
VESSEL, SULFUR TRAP, RW 5847, FEED HYDROGEN, HEIGHT: 14 FT 4 IN; DIAMETER: 5 FT 6 IN A/N: 438642	D1592				
VESSEL, SULFUR TRAP, RW 6083, FEED HYDROGEN, HEIGHT: 14 FT 4 IN; DIAMETER: 5 FT 6 IN A/N: 438642	D1593				
REACTOR, ISOM, RW 5848, HEIGHT: 40 FT 9 IN; DIAMETER: 9 FT A/N: 438642	D1594				
REACTOR, ISOM, RW 5849, HEIGHT: 40 FT 9 IN; DIAMETER: 9 FT A/N: 438642	D1595				
KNOCK OUT POT, FLARE, RW 5850-289.02, HEIGHT: 24 FT ; DIAMETER: 8 FT A/N: 438642	D1596			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
ACCUMULATOR, OVERHEAD, RW 5853, ISOM STABILIZER, HEIGHT: 26 FT ; DIAMETER: 6 FT 6 IN A/N: 438642	D1597				
KNOCK OUT POT, RW 6082, FEED HYDROGEN, HEIGHT: 8 FT ; DIAMETER: 2 FT A/N: 438642	D1598				

* (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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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 9: ALKYLATION AND POLYMERIZATION					
STORAGE TANK, RW 5855, CHLORIDE INJECTION, HEIGHT: 22 FT ; DIAMETER: 5 FT 6 IN A/N: 438642	D1599				H23.30
DRYER, RW 5857, LIQUID FEED, HEIGHT: 15 FT ; DIAMETER: 7 FT A/N: 438642	D1600				
DRYER, RW 5858, LIQUID FEED, HEIGHT: 15 FT ; DIAMETER: 7 FT A/N: 438642	D1601				
DRYER, RW 5859, FEED HYDROGEN, HEIGHT: 16 FT ; DIAMETER: 4 FT A/N: 438642	D1602				
DRYER, RW 5860, FEED HYDROGEN, HEIGHT: 16 FT ; DIAMETER: 4 FT A/N: 438642	D1603				
STORAGE TANK, RW 5891, PUMP-OUT/ VACUUM, HEIGHT: 8 FT 10 IN; DIAMETER: 4 FT A/N: 438642	D1604			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
POT, RW 6102, DRYER VENT, HEIGHT: 3 FT ; DIAMETER: 2 FT A/N: 438642	D2888				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 438642	D2502			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 9: ISO-OCTENE UNIT					S13.2, S31.4, S46.1, S46.2, S56.1
TOWER, METHANOL STRIPPER, RPV 935, HEIGHT: 98 FT 4 IN; DIAMETER: 4 FT A/N:	D636				

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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 9: ALKYLATION AND POLYMERIZATION					
TANK, SURGE, RPV 922, FEED, METHANOL, HEIGHT: 31 FT 6 IN; DIAMETER: 9 FT A/N:	D653				
ACCUMULATOR, RPV-936,METHANOL STRIPPER OVERHEAD, LENGTH: 11 FT 8 IN; DIAMETER: 5 FT A/N:	D655				
ACCUMULATOR, RPV 942, MTBE DEBUTANIZER OVERHEAD, LENGTH: 31 FT 6 IN; DIAMETER: 9 FT A/N:	D656				
ACCUMULATOR, RPV 952, DEPROPANIZER OVERHEAD, LENGTH: 11 FT 6 IN; DIAMETER: 5 FT A/N:	D657				
VESSEL, VAPORIZER, RPV 3232, NO.2 ALKYLATION AMMONIA, HEIGHT: 5 FT 4 IN; DIAMETER: 4 FT A/N:	D664				
KNOCK OUT POT, VAPOR RECOVERY, RPV-912, HEIGHT: 7 FT ; DIAMETER: 5 FT A/N:	D1508				
REACTOR, MTBE, RPV 5355, HEIGHT: 28 FT ; DIAMETER: 12 FT A/N:	D1509				

* (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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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: ALKYLATION AND POLYMERIZATION					
FILTER, RPV-5356, REACTOR EFFLUENT, HEIGHT: 4 FT ; DIAMETER: 2 FT 2 IN A/N:	D1512				
FILTER, RPV-5357, REACTOR EFFLUENT, HEIGHT: 8 FT 4 IN; DIAMETER: 2 FT A/N:	D1513				
KNOCK OUT POT, RPV 5613, MIXED OLEFIN FEED WATER(TK316) A/N:	D1537				
TOWER, MTBE DEBUTANIZER, RPV 941, BY REPLACING THE TRAYS AND THE NOZZLES, HEIGHT: 127 FT 8 IN; DIAMETER: 9 FT A/N:	D637				
DRUM, RPV 955, MIXED BUTANE FEED, HEIGHT: 36 FT ; DIAMETER: 11 FT A/N:	D658				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2503			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 10: BUTANE ISOMERIZATION UNIT					S13.2, S46.1, S46.2, S56.1
REACTOR, RW 6317, BUTAMER, NORTH, HEIGHT: 10 FT ; DIAMETER: 5 FT 6 IN A/N: 433309	D2092				
REACTOR, RW 6318, BUTAMER, SOUTH, HEIGHT: 10 FT ; DIAMETER: 5 FT 6 IN A/N: 433309	D2093				

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(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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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 9: ALKYLATION AND POLYMERIZATION					
TOWER, RW 6331, STABILIZER, HEIGHT: 85 FT ; DIAMETER: 6 FT A/N: 433309	D2094				
TANK, SURGE, RW 6322, BUTAMER FEED, HEIGHT: 24 FT ; DIAMETER: 6 FT A/N: 433309	D2096				
POT, RW 6308, DRYER VENT, HEIGHT: 3 FT ; DIAMETER: 2 FT A/N: 433309	D2097				
DRYER, RW6306, BUTAMER LIQUID FEED, NORTH, HEIGHT: 18 FT ; DIAMETER: 5 FT 6 IN A/N: 433309	D2100				
DRYER, RW 6307, BUTAMER LIQUID FEED, SOUTH, HEIGHT: 18 FT ; DIAMETER: 5 FT 6 IN A/N: 433309	D2101				
ACCUMULATOR, RW 6330, STABILIZER OVERHEAD, HEIGHT: 13 FT 6 IN; DIAMETER: 4 FT 6 IN A/N: 433309	D2102				
VESSEL, COALESCER, RW 6324, BUTAMER REGENERANT, LENGTH: 8 FT ; DIAMETER: 1 FT 4 IN A/N: 433305	D2105				
POT, RPV 6337, BUTAMER FLARE DRIP, LENGTH: 2 FT ; DIAMETER: 1 FT 6 IN A/N: 433309	D2887				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 433309	D2504			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
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(7) Denotes NSR applicability limit
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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 10: GAS PRODUCTION					
System 1: FUEL GAS MIX SYSTEM					S13.2, S31.10, S56.1
DRUM, NORTH AREA MIX, RPV 3276, FUEL GAS, HEIGHT: 17 FT 7 IN; DIAMETER: 13 FT 6 IN A/N:	D706	D608			
SCRUBBER, RPV 2290, FUEL GAS, HEIGHT: 55 FT ; DIAMETER: 6 FT 6 IN A/N:	D708				
ABSORBER, RPV 2861, HEIGHT: 42 FT 6 IN; DIAMETER: 4 FT A/N:	D2005				
ABSORBER, RPV 2862, OFF-GAS CAUSTIC SCRUBBER, HEIGHT: 15 FT ; DIAMETER: 1 FT .75 IN A/N:	D2006				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2505				H23.3
System 2: LPG RECOVERY SYSTEM					S13.2, S56.1
TANK, FLASH, PROPANE COMPRESSOR, RPV 3302, HEIGHT: 60 FT ; DIAMETER: 3 FT A/N: 396078	D709				
VESSEL, PRODUCT DRYER, RPV 3313, HEIGHT: 28 FT 8 IN; DIAMETER: 4 FT A/N: 396078	D710				
DRUM, PROPANE COMPRESSOR SUCTION, RPV 3319, HEIGHT: 8 FT 3 IN; DIAMETER: 4 FT 6 IN A/N: 396078	D711				

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(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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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 10: GAS PRODUCTION					
KNOCK OUT POT, FLASH, RPV 3320, FLARE, HEIGHT: 10 FT ; DIAMETER: 4 FT 6 IN A/N: 396078	D712			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
ACCUMULATOR, RPV-3325, PROPANE, HEIGHT: 16 FT ; DIAMETER: 6 FT A/N: 396078	D713				
DRUM, PROPANE DEOILING, RPV 3327, HEIGHT: 6 FT 3.75 IN; DIAMETER: 2 FT 6 IN A/N: 396078	D714				
DRUM, FEED KNOCKOUT, RPV 3329, HEIGHT: 7 FT ; DIAMETER: 3 FT A/N: 396078	D715				
VESSEL, RPV 3332, PROPANE DRYER, HEIGHT: 6 FT ; DIAMETER: 1 FT 6 IN A/N: 396078	D716				
FILTER, RPV 3465, LIQUID PROPANE, HEIGHT: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 396078	D717				
DRUM, DECANTER, RPV 3334, WATER, HEIGHT: 14 FT ; DIAMETER: 4 FT A/N: 396078	D718				
DRUM, DAMPENER, RPV 3468, PROPANE COMPRESSOR SUCTION, LENGTH: 5 FT 5 IN; DIAMETER: 2 FT 6 IN A/N: 396078	D719				

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(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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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 10: GAS PRODUCTION					
DRUM, DAMPENER, RPV 3470, PROPANE COMPRESSOR DISCHARGE, LENGTH: 5 FT 1 IN; DIAMETER: 2 FT 6 IN A/N: 396078	D720				
COMPRESSOR, RW-3087.32, ETHYLENE AND PROPANE (WEST), COOPER-BESSEMER RECIPROCATING TYPE A/N: 396078	D721				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 396078	D2506				H23.3
System 3: LIQUID PETROLEUM GAS DRYING FACILITIES					S13.2, S56.1
VESSEL, SOUTH DRYER, RPV 2415, LPG, WITH INTERNAL STEAM COILS AND WITH RELIEF VALVE, HEIGHT: 12 FT 9 IN; DIAMETER: 4 FT A/N: 396108	D722				
VESSEL, NORTH DRYER, RPV 2416, LPG, WITH INTERNAL STEAM COILS AND WITH RELIEF VALVE, HEIGHT: 12 FT 9 IN; DIAMETER: 4 FT A/N: 396108	D723				
VESSEL, VAPORIZER, RPV 2417, WITH BROWN FINTUBE HEATER TYPE TF 8, HEIGHT: 7 FT ; DIAMETER: 2 FT A/N: 396108	D724				

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(5) (5A) (5B) Denotes command and control emission limit
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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 10: GAS PRODUCTION					
VESSEL, VAPORIZER, RPV 2418, LPG, HEIGHT: 8 FT ; DIAMETER: 2 FT A/N: 396108	D725				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 396108	D2507				H23.3
Process 11: BLENDING					
System 1: GASOLINE BLENDING UNIT					S13.2, S56.1
STORAGE TANK, NO.981, DIESEL CONDUCTIVITY ADDITIVE A/N: 475066	D730				H23.30, I296.1
STORAGE TANK, FIXED ROOF, HOLDING AND TRANSFER, RPV 2940, WITH INTERNAL JET MIXER, 500 GALS; DIAMETER: 4 FT 6 IN; HEIGHT: 4 FT 6 IN A/N: 475066	D739				
STORAGE TANK, RPV-2941, NO.1, 500 GALS; DIAMETER: 4 FT 6 IN; HEIGHT: 4 FT 6 IN A/N: 475066	D740				
STORAGE TANK, FIXED ROOF, RPV-2942, NO. 2, 500 GALS; DIAMETER: 4 FT 6 IN; HEIGHT: 4 FT 6 IN A/N: 475066	D741				
STORAGE TANK, FIXED ROOF, RPV-2943, NO. 3, 500 GALS; DIAMETER: 4 FT 6 IN; HEIGHT: 4 FT 6 IN A/N: 475066	D742				

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(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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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11: BLENDING					
STORAGE TANK, FIXED ROOF, RPV-5485, NO. 4, 500 GALS; DIAMETER: 4 FT 6 IN; HEIGHT: 4 FT 6 IN A/N: 475066	D743				
STORAGE TANK, FIXED ROOF, RPV-5486, NO. 5, 500 GALS; DIAMETER: 4 FT 6 IN; HEIGHT: 4 FT 6 IN A/N: 475066	D744				
STORAGE TANK, FIXED ROOF, RECOVERY, RPV 2944, 250 GALS; DIAMETER: 3 FT ; HEIGHT: 6 FT 6 IN A/N: 475066	D745				
TEST CELL, ENGINE, RW 0106 158.03, NO. 3, OCTANE, 4 H.P. A/N: 475066	D752				
TEST CELL, ENGINE, RW 0107 158.03, NO. 4, OCTANE, 4 H.P. A/N: 475066	D753				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 475066	D2508			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
Process 12: TREATING/STRIPPING					
System 1: NO.1 PETRECO STOVE OIL-TREATER					S56.1
VESSEL, TREATER, RPV 749, STOVE OIL, HEIGHT: 20 FT ; DIAMETER: 8 FT A/N: 395365	D756				

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(5) (5A) (5B) Denotes command and control emission limit
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(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
BP WEST COAST PROD.LLC BP CARSON REF.

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: TREATING/STRIPPING					
SETTLING TANK, STOVE OIL RPV 772, CAUSTIC, LENGTH: 40 FT ; DIAMETER: 9 FT A/N: 395365	D757				
TOWER, SALT, RPV 711, HEIGHT: 39 FT 8 IN; DIAMETER: 8 FT 6 IN A/N: 395365	D758				
TOWER, CLAY, RPV 2611, HEIGHT: 14 FT ; DIAMETER: 7 FT A/N: 395365	D759				
TOWER, CLAY, RPV 2753, (SPARE, COMMON TO #1 AND #2 UNIT), HEIGHT: 13 FT 6 IN; DIAMETER: 7 FT A/N: 395366	D760				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 395365	D2509			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 2: NO.2 PETRECO STOVE OIL-TREATER					S56.1
VESSEL, TREATER, RPV 719, TWO-STAGE PETRECO, HEIGHT: 20 FT ; DIAMETER: 8 FT A/N: 395366	D761				
TANK, WASH, CAUSTIC, RPV 771, NO.2, STOVE OIL, LENGTH: 44 FT ; DIAMETER: 9 FT A/N: 395366	D762				
TOWER, SALT, RPV 2615, HEIGHT: 33 FT 3 IN; DIAMETER: 8 FT 6 IN A/N: 395366	D763				
TOWER, CLAY, RPV 2754, HEIGHT: 13 FT 6 IN; DIAMETER: 7 FT A/N: 395366	D764				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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: TREATING/STRIPPING					
TOWER, CLAY, RPV 2753, (SPARE, COMMON TO #1 AND #2 UNIT), HEIGHT: 13 FT 6 IN; DIAMETER: 7 FT A/N: 395366	D760				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 395366	D2510			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 3: NO.4 STOVE OIL-TREATER					S56.1
POT, WATER WASH PRECIPITATOR, RPV 5624, LENGTH: 14 FT ; DIAMETER: 10 FT A/N: 395503	D765				
TOWER, SOUTH SALT, RPV 5625, LENGTH: 26 FT ; DIAMETER: 13 FT A/N: 395503	D766				
TOWER, NORTH SALT,RPV 5626, LENGTH: 26 FT ; DIAMETER: 13 FT A/N: 395503	D767				
TOWER, SOUTH CLAY, RPV 5627, LENGTH: 21 FT ; DIAMETER: 12 FT 6 IN A/N: 395503	D768				
TOWER, NORTH CLAY, RPV 5628, LENGTH: 21 FT ; DIAMETER: 12 FT 6 IN A/N: 395503	D769				
DRUM, RPV 5647, STEAMOUT A/N: 395503	D770				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 395503	D2511			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3

* (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

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FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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: TREATING/STRIPPING					
System 4: CATALYTIC RERUN GASOLINE TREATING UNIT					S13.2, S56.1
VESSEL, RERUN BOTTOM CAUSTIC WASH, RPV 734, LENGTH: 38 FT ; DIAMETER: 12 FT A/N: 396115	D771				
VESSEL, RERUN BOTTOM CAUSTIC WASH, RPV 733, LENGTH: 38 FT ; DIAMETER: 12 FT A/N: 396115	D772				
VESSEL, COALESCER, RPV 0797, GASOLINE, HEIGHT: 8 FT 8 IN; DIAMETER: 3 FT A/N: 396115	D773				
TOWER, WATER WASH, RERUN BOTTOM, RPV 732, HEIGHT: 38 FT ; DIAMETER: 12 FT A/N: 396115	D774				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 396115	D2512			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 5: STRAIGHT RUN GASOLINE TREATING UNIT					S13.2, S56.1
VESSEL, TREATER, 2 STAGE PETRECO CAUSTIC , RPV 5050, HEIGHT: 21 FT ; DIAMETER: 12 FT A/N: 395492	D778				
VESSEL, TREATER, 2 STAGE PETRECO CAUSTIC, RPV 5051, HEIGHT: 21 FT ; DIAMETER: 12 FT A/N: 395492	D779				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 395492	D2513			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3

* (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

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FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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: TREATING/STRIPPING					
System 7: FIXED BED MEROX TREATING UNIT					S13.2, S56.1
TOWER, LCO SALT, RVP-5004, HEIGHT: 20 FT ; DIAMETER: 6 FT A/N: 395356	D782				
TOWER, LCO SALT, RVP-5005, HEIGHT: 20 FT ; DIAMETER: 6 FT A/N: 395356	D783				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 395356	D2515				H23.3
System 8: UOP MEROX TREATING UNIT					S13.2, S46.1, S46.2, S56.1
DRUM, FEED SURGE, RPV-1777, HEIGHT: 57 FT ; DIAMETER: 5 FT A/N: 396014	D785				
MIXER, ACETIC ACID AND CATALYST, HEIGHT: 16 FT ; DIAMETER: 3 FT A/N: 396014	D786				
POT, DRAIN, REACTOR WATER, HEIGHT: 5 FT 6 IN; DIAMETER: 2 FT 6 IN A/N: 396014	D788				
TOWER, OXIDIZER, RPV-1778, HEIGHT: 23 FT ; DIAMETER: 4 FT A/N: 396014	D789				
VESSEL, SEPARATOR, DISULFIDE, RPV-1783, LENGTH: 30 FT ; DIAMETER: 5 FT A/N: 396014	D790	C910 C2413		**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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: TREATING/STRIPPING					
REACTOR, HYDROLYSIS, RW-6519-289.06, HEIGHT: 20 FT ; DIAMETER: 6 FT A/N: 396014	D2363				
REACTOR, HYDROLYSIS, RW-6520-289.06, HEIGHT: 20 FT ; DIAMETER: 6 FT A/N: 396014	D2364				
TOWER, CAUSTIC PREWASH, RW-6521-289.02, HEIGHT: 20 FT ; DIAMETER: 6 FT A/N: 396014	D2365				
FILTER, SAND, RW-6523-289.02, HEIGHT: 14 FT 6 IN; DIAMETER: 7 FT A/N: 396014	D2366				
KNOCK OUT POT, RPV-1779, FLARE GAS, LENGTH: 16 FT ; DIAMETER: 7 FT A/N: 396014	D2368			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
TOWER, EXTRACTOR, RW-6522-289.01, HEIGHT: 58 FT ; DIAMETER: 4 FT 6 IN A/N: 396014	D2404				
MIXER, STATIC, RW--, HYDROLYSIS REACTOR FEED, HEIGHT: 16 FT ; DIAMETER: 3 FT A/N: 396014	D2367				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 396014	D2516			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 9: METHYLDIETHANOLAMINE REGENERATION SYSTEM NO.1					S13.2, S15.1, S56.1

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

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FACILITY PERMIT TO OPERATE
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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 12: TREATING/STRIPPING					
KNOCK OUT POT, RPV 412, MDEA REGENERATOR CHILLED OVERHEAD, HEIGHT: 4 FT 6 IN; DIAMETER: 3 FT A/N:	D791				
TANK, FLASH, RPV 867, HYDROCARBON, LENGTH: 40 FT ; DIAMETER: 6 FT A/N:	D792				
ACCUMULATOR, RPV 2479, REGENERATOR OVERHEAD, LENGTH: 12 FT ; DIAMETER: 5 FT 6 IN A/N:	D793				
POT, RPV 2482,REBOILER CONDENSATE, LENGTH: 5 FT ; DIAMETER: 2 FT A/N:	D794				
COLUMN, REGENERATOR, RPV-2483, HEIGHT: 44 FT ; DIAMETER: 7 FT A/N:	D795				
TANK, FLASH, MAIN RICH MDEA, RPV 2685, HYDROCARBON, (COMMON WITH NO. 2 MDEA REGENERATION UNIT), LENGTH: 47 FT ; DIAMETER: 12 FT A/N:	D796			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
FILTER, ACTIVATED CARBON, RPV-2686, (COMMON WITH MDEA REGENERATION UNITS NOS. 1-4), LENGTH: 9 FT ; DIAMETER: 6 FT 6 IN A/N:	D797				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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: TREATING/STRIPPING					
FILTER, CARTRIDGE PREFILTER, RPV-5908, (COMMON WITH MDEA REGENERATION UNITS NOS. 1-4) A/N:	D798				
FILTER, CARTRIDGE AFTERFILTER, RPV-5909, (COMMON WITH MDEA REGENERATION UNITS NOS. 1-4) A/N:	D799				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2517			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 10: METHYLDIETHANOLAMINE REGENERATION SYSTEM NO.2					S13.2, S15.1, S56.1
DRUM, FLASH, HYDROCARBON, RPV 2655, LENGTH: 20 FT ; DIAMETER: 6 FT A/N: 396069	D802				
ACCUMULATOR, RPV 2662, MDEA REGENERATOR OVERHEAD, LENGTH: 12 FT ; DIAMETER: 5 FT 7 IN A/N:	D804				
DRUM, FLASH, RPV 2685, HYDROCARBON, (COMMON WITH NO. 1 MDEA REGENERATION UNIT), LENGTH: 40 FT ; DIAMETER: 12 FT A/N: 396069	D805				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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: TREATING/STRIPPING					
FILTER, ACTIVATED CARBON, RPV-2686, (COMMON WITH MDEA REGENERATION UNITS NOS. 1-4), LENGTH: 9 FT ; DIAMETER: 6 FT 6 IN A/N:	D797				
FILTER, CARTRIDGE PREFILTER, RPV-5908, (COMMON WITH MDEA REGENERATION UNITS NOS. 1-4) A/N:	D798				
FILTER, CARTRIDGE AFTERFILTER, RPV-5909, (COMMON WITH MDEA REGENERATION UNITS NOS. 1-4) A/N:	D799				
POT, RPV 2666, MDEA REGENERATOR REBOILER CONDENSATE, LENGTH: 4 FT ; DIAMETER: 3 FT A/N:	D806				
COLUMN, MDEA REGENERATOR, RPV-2667, HEIGHT: 44 FT ; DIAMETER: 7 FT A/N:	D807				
TANK, FLASH, MAIN RICH MDEA, RPV 2685, HYDROCARBON, (COMMON WITH NO. 2 MDEA REGENERATION UNIT), LENGTH: 47 FT ; DIAMETER: 12 FT A/N:	D796			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2518			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3

* (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

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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 12: TREATING/STRIPPING					
System 11: METHYLDIETHANOLAMINE REGENERATION SYSTEM NO.3					S13.2, S15.1, S56.1
COLUMN, MDEA REGENERATOR, RPV-1450, HEIGHT: 44 FT 3 IN; DIAMETER: 7 FT A/N: 435126	D808				
TANK, FLASH, RPV 1451, HYDROCARBON, (COMMON TO NO. 3 AND NO. 4 MDEA REGENERATION UNIT), LENGTH: 40 FT ; DIAMETER: 12 FT A/N: 435126	D809	C1302		**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	
TANK, FLASH, RPV 1453, HYDROCARBON, LENGTH: 25 FT ; DIAMETER: 8 FT A/N: 435126	D810				
ACCUMULATOR, RPV 1455, MDEA REGENERATOR OVERHEAD, LENGTH: 12 FT 3 IN; DIAMETER: 5 FT 7 IN A/N: 435126	D812			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
POT, RPV 1456, MDEA REGENERATOR REBOILER CONDENSATE, LENGTH: 4 FT 9 IN; DIAMETER: 2 FT A/N: 435126	D813				
FILTER, ACTIVATED CARBON, RPV-2686, (COMMON WITH MDEA REGENERATION UNITS NOS. 1-4), LENGTH: 9 FT ; DIAMETER: 6 FT 6 IN A/N:	D797				

* (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
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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 12: TREATING/STRIPPING					
FILTER, CARTRIDGE PREFILTER, RPV-5908, (COMMON WITH MDEA REGENERATION UNITS NOS. 1-4) A/N:	D798				
FILTER, CARTRIDGE AFTERFILTER, RPV-5909, (COMMON WITH MDEA REGENERATION UNITS NOS. 1-4) A/N:	D799				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 435126	D2519			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 12: METHYLDIETHANOLAMINE REGENERATION SYSTEM NO.4					S13.2, S15.1, S56.1
COLUMN, MDEA REGENERATOR, RPV-1475, HEIGHT: 44 FT 3 IN; DIAMETER: 7 FT A/N: 435128	D814				
TANK, FLASH, RPV 1478, HYDROCARBON, LENGTH: 25 FT ; DIAMETER: 8 FT A/N: 435128	D815	C1302		**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
ACCUMULATOR, RPV 1480, MDEA REGENERATOR OVERHEAD, LENGTH: 12 FT 3 IN; DIAMETER: 5 FT 7 IN A/N: 435128	D817			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
POT, RPV 1481, CONDENSATE, LENGTH: 4 FT 9 IN; DIAMETER: 2 FT A/N: 435128	D818				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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: TREATING/STRIPPING					
TANK, FLASH, RPV 1451, HYDROCARBON, (COMMON TO NO. 3 AND NO. 4 MDEA REGENERATION UNIT), LENGTH: 40 FT ; DIAMETER: 12 FT A/N: 435126	D809	C1302		**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	
FILTER, ACTIVATED CARBON, RPV-2686, (COMMON WITH MDEA REGENERATION UNITS NOS. 1-4), LENGTH: 9 FT ; DIAMETER: 6 FT 6 IN A/N:	D797				
FILTER, CARTRIDGE PREFILTER, RPV-5908, (COMMON WITH MDEA REGENERATION UNITS NOS. 1-4) A/N:	D798				
FILTER, CARTRIDGE AFTERFILTER, RPV-5909, (COMMON WITH MDEA REGENERATION UNITS NOS. 1-4) A/N:	D799				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 435128	D2520			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 13: METHYLDIETHANOLAMINE REGENERATION SYSTEM NO.5					S13.2, S15.1, S56.1
TOWER, REGENERATOR, RPV-5421, HEIGHT: 60 FT ; DIAMETER: 8 FT 6 IN A/N: 438640	D822				
TANK, RPV 5422, #5 RICH MDEA SURGE DRUM, HEIGHT: 47 FT ; DIAMETER: 14 FT A/N: 438640	D823				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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: TREATING/STRIPPING					
ACCUMULATOR, RPV-5423, REGENERATOR OVERHEAD, HEIGHT: 18 FT ; DIAMETER: 5 FT A/N: 438640	D824				
POT, RPV 5424, REBOILER CONDENSATE, HEIGHT: 4 FT ; DIAMETER: 2 FT A/N: 438640	D825				
POT, RPV 5425, REBOILER CONDENSATE, HEIGHT: 4 FT ; DIAMETER: 2 FT A/N: 438640	D826				
DRUM, ATMOSPHERIC, RPV 5449, CONDENSATE, HEIGHT: 13 FT 9 IN; DIAMETER: 7 FT A/N: 438640	D827				
DRUM, BLOWDOWN, RPV-5460, HEIGHT: 8 FT ; DIAMETER: 4 FT A/N: 438640	D828				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 438640	D2521			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 14: NORTH SOUR WATER TREATMENT SYSTEM					S13.2, S31.6
VESSEL, FLASH, RPV 2257, SOUR WATER, 1000 BBL; DIAMETER: 12 FT ; LENGTH: 48 FT A/N:	D780			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	E336.2, E336.5, H23.12
KNOCK OUT POT, RPV 2624, FLASH VESSEL, HEIGHT: 12 FT ; DIAMETER: 6 FT A/N:	D781				E336.2, E336.5

* (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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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: TREATING/STRIPPING					
TANK, SURGE/FEED, FIXED ROOF, NO.774, SOUR WATER, WITH FUEL GAS BLANKET, COMMON TO NORTH & SOUTH SOUR WATER TREATMENT SYSTEMS, 54000 BBL; DIAMETER: 90 FT ; HEIGHT: 48 FT A/N:	D1113			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	E71.17, E336.2, E336.7, H23.12, K67.14
TANK, SURGE/FEED, FIXED ROOF, NO.775, SOUR WATER, WITH FUEL GAS BLANKET, COMMON TO NORTH & SOUTH SOUR WATER TREATMENT SYSTEMS, 54000 BBL; DIAMETER: 90 FT ; HEIGHT: 48 FT A/N:	D1114			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	E336.2, H23.12, K67.14
COLUMN, STRIPPER A, RPV 4101, SOUR WATER, COMMON TO NORTH & SOUTH SOUR WATER TREATMENT SYSTEMS, HEIGHT: 74 FT ; DIAMETER: 8 FT A/N:	D838				E336.8
ACCUMULATOR, STRIPPER A OVERHEAD, RPV 4107, COMMON TO NORTH & SOUTH SOUR WATER TREATMENT SYSTEMS, LENGTH: 10 FT ; DIAMETER: 4 FT A/N:	D840				
VESSEL, STRIPPER A OVERHEAD SEPARATOR, RPV 4104, COMMON TO NORTH & SOUTH SOUR WATER TREATMENT SYSTEMS, HEIGHT: 10 FT ; DIAMETER: 4 FT A/N:	D839				E336.6

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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: TREATING/STRIPPING					
COLUMN, STRIPPER B, RPV 4100, SOUR WATER, COMMON TO NORTH & SOUTH SOUR WATER TREATMENT SYSTEMS, HEIGHT: 74 FT ; DIAMETER: 8 FT A/N:	D841				E336.8
ACCUMULATOR, STRIPPER B OVERHEAD, RPV 4108, COMMON TO NORTH & SOUTH SOUR WATER TREATMENT SYSTEMS, LENGTH: 8 FT 9 IN; DIAMETER: 4 FT A/N:	D843				
VESSEL, STRIPPER B OVERHEAD SEPARATOR, RPV 4105, COMMON TO NORTH & SOUTH SOUR WATER TREATMENT SYSTEMS, HEIGHT: 10 FT ; DIAMETER: 4 FT A/N:	D842				E336.6
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2514			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 15: SOUTH SOUR WATER TREATMENT SYSTEM					S13.2, S31.6
VESSEL, FLASH, RPV 2293, SOUR WATER, 1000 BBL; DIAMETER: 12 FT ; LENGTH: 48 FT A/N:	D844			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	E336.2, E336.5, H23.12
TANK, SURGE/FEED, FIXED ROOF, NO.774, SOUR WATER, WITH FUEL GAS BLANKET, COMMON TO NORTH & SOUTH SOUR WATER TREATMENT SYSTEMS, 54000 BBL; DIAMETER: 90 FT ; HEIGHT: 48 FT A/N:	D1113			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	E71.17, E336.2, E336.7, H23.12, K67.14

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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: TREATING/STRIPPING					
TANK, SURGE/FEED, FIXED ROOF, NO.775, SOUR WATER, WITH FUEL GAS BLANKET, COMMON TO NORTH & SOUTH SOUR WATER TREATMENT SYSTEMS, 54000 BBL; DIAMETER: 90 FT ; HEIGHT: 48 FT A/N:	D1114			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	E336.2, H23.12, K67.14
COLUMN, STRIPPER A, RPV 4101, SOUR WATER, COMMON TO NORTH & SOUTH SOUR WATER TREATMENT SYSTEMS, HEIGHT: 74 FT ; DIAMETER: 8 FT A/N:	D838				E336.8
ACCUMULATOR, STRIPPER A OVERHEAD, RPV 4107, COMMON TO NORTH & SOUTH SOUR WATER TREATMENT SYSTEMS, LENGTH: 10 FT ; DIAMETER: 4 FT A/N:	D840				
VESSEL, STRIPPER A OVERHEAD SEPARATOR, RPV 4104, COMMON TO NORTH & SOUTH SOUR WATER TREATMENT SYSTEMS, HEIGHT: 10 FT ; DIAMETER: 4 FT A/N:	D839				E336.6
COLUMN, STRIPPER B, RPV 4100, SOUR WATER, COMMON TO NORTH & SOUTH SOUR WATER TREATMENT SYSTEMS, HEIGHT: 74 FT ; DIAMETER: 8 FT A/N:	D841				E336.8

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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: TREATING/STRIPPING					
ACCUMULATOR, STRIPPER B OVERHEAD, RPV 4108, COMMON TO NORTH & SOUTH SOUR WATER TREATMENT SYSTEMS, LENGTH: 8 FT 9 IN; DIAMETER: 4 FT A/N:	D843				
VESSEL, STRIPPER B OVERHEAD SEPARATOR, RPV 4105, COMMON TO NORTH & SOUTH SOUR WATER TREATMENT SYSTEMS, HEIGHT: 10 FT ; DIAMETER: 4 FT A/N:	D842				E336.6
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2527			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 16: SOUR WATER OXIDIZER NO.2					S13.12, S56.1
TANK, FEED, SODIUM HYPOCHLORITE/BLEACH INJECTION, RW0036, 119 BBL, HEIGHT: 9 FT ; DIAMETER: 10 FT A/N: 457431	D2743				
TANK, SURGE TANK, FIXED ROOF, TK-823, 5000 BBL,, HEIGHT: 40 FT ; DIAMETER: 25 FT A/N: 457431	D2744				
COLUMN, OXIDIZER NO. 2, RPV-1931,, HEIGHT: 52 FT ; DIAMETER: 9 FT A/N: 457431	D829				
VESSEL, FLASH, RPV-1933,, HEIGHT: 17 FT ; DIAMETER: 5 FT 6 IN A/N: 457431	D830			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	E336.13

* (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
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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 12: TREATING/STRIPPING					
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 457431	D2882			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 17: SOUR WATER OXIDIZER NO.3					S13.12
COLUMN, OXIDIZER NO. 3, RPV-3190,, HEIGHT: 42 FT 1 IN; DIAMETER: 12 FT A/N: 457432	D831				
VESSEL, FLASH DRUM, RPV-3191, HEIGHT: 24 FT ; DIAMETER: 8 FT A/N: 457432	D832			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	E336.13
TANK, FIXED ROOF, FEED (SOUR WATER), TK-210B, (COMMON TO NO. 2 AND 3 OXIDIZER UNIT), 1200 BBL; DIAMETER: 24 FT ; HEIGHT: 15 FT A/N: 457432	D833				E336.2, K67.14
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 457432	D2883			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 20: SPENT CAUSTIC SEPARATION SYSTEM					S56.1
STORAGE TANK, FIXED ROOF, NO. 634, 1063 BBL; DIAMETER: 20 FT ; HEIGHT: 20 FT A/N: 395496	D847	D1313 D1314 D1656 D2807			
STORAGE TANK, FIXED ROOF, NO. 635, 1063 BBL; DIAMETER: 20 FT ; HEIGHT: 20 FT A/N: 395496	D848	D1313 D1314 D1656 D2807			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 395496	D2528			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3

* (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

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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 12: TREATING/STRIPPING					
System 22: DIESEL OIL DEHAZING FACILITY					S56.1
TOWER, SALT, RPV-702, NORTH, HEIGHT: 22 FT ; DIAMETER: 8 FT A/N: 395731	D853				
TOWER, SALT, RPV-768, SOUTH, HEIGHT: 25 FT 6 IN; DIAMETER: 10 FT A/N: 395731	D854				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 395731	D2529				H23.3
System 23: GAS SCRUBBER SYSTEM (NEXT TO # 9 COOLING TOWER)					
KNOCK OUT POT, RPV-2290, HEIGHT: 6 FT 6 IN; DIAMETER: 2 FT 6 IN A/N: 435133	D855				
SCRUBBER, GAS, RPV-3214, CAPACITY 1500 GALLONS, HEIGHT: 16 FT ; DIAMETER: 4 FT A/N: 435133	D857				
KNOCK OUT POT, RPV-3215, CAPACITY 340 GALLONS, HEIGHT: 6 FT 6 IN; DIAMETER: 3 FT A/N: 435133	D858				
SETTLING TANK, 155 GALS; DIAMETER: 3 FT ; HEIGHT: 3 FT A/N: 435133	D859				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 435133	D2530				H23.3
System 24: REFINERY GAS TREATING(NO.1 MEROX TRAIN)					S56.1

* (1) (1A) (1B) Denotes RECLAIM emission factor
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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
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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 12: TREATING/STRIPPING					
ABSORBER, MEROX, RPV 4962, HEIGHT: 102 FT 9 IN; DIAMETER: 5 FT A/N: 414404	D860				D12.11, D90.3, E71.5
KNOCK OUT POT, RPV-4963, HEIGHT: 11 FT 6 IN; DIAMETER: 5 FT A/N: 414404	D861				
COLUMN, OXIDIZER, RPV-4964, HEIGHT: 15 FT 6 IN; DIAMETER: 2 FT A/N: 414404	D862	D863			
VESSEL, SEPARATOR, RPV 4965, DISULFIDE OIL, HORIZONTAL SECTION, VERTICAL SECTION: DIA 1 FT 4 IN; HEIGHT 6 FT, LENGTH: 19 FT 6 IN; DIAMETER: 4 FT A/N: 414404	D863	D862 D2003			
FILTER, SAND, RPV-4823, HEIGHT: 7 FT ; DIAMETER: 2 FT A/N: 414404	D864				
DRUM, SPENT CAUSTIC DEGASSING, RPV-4972, HEIGHT: 10 FT ; DIAMETER: 2 FT 6 IN A/N: 414404	D865				
TANK, VENT, RPV-4971, COMMON TO REFINERY GAS TREATING(NO.1 AND NO.2 MEROX TRAIN), HEIGHT: 6 FT ; DIAMETER: 2 FT A/N: 414404	D2003	D863 D869			E71.20
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 414404	D2531				H23.3

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(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
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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 12: TREATING/STRIPPING					
System 25: REFINERY GAS TREATING(NO.2 MEROX TRAIN)					S56.1
ABSORBER, MEROX, RPV 4967, HEIGHT: 102 FT 9 IN; DIAMETER: 5 FT A/N: 414405	D866				D12.11, D90.3, E71.5
KNOCK OUT POT, RPV-4968, HEIGHT: 11 FT 6 IN; DIAMETER: 5 FT A/N: 414405	D867				
COLUMN, OXIDIZER, RPV-4969, HEIGHT: 15 FT 6 IN; DIAMETER: 2 FT A/N: 414405	D868	D869			
VESSEL, SEPARATOR, RPV 4970, DISULFIDE OIL, HORIZONTAL SECTION, VERTICAL SECTION: DIA 1 FT 4 IN; HEIGHT 6 FT, HEIGHT: 19 FT 6 IN; DIAMETER: 4 FT A/N: 414405	D869	D868 D2003			
FILTER, SAND, RPV-4825, HEIGHT: 7 FT ; DIAMETER: 2 FT A/N: 414405	D870				
DRUM, SPENT CAUSTIC DEGASSING, RPV-4973, HEIGHT: 10 FT ; DIAMETER: 2 FT 6 IN A/N: 414405	D871				
TANK, VENT, RPV-4971, COMMON TO REFINERY GAS TREATING(NO.1 AND NO.2 MEROX TRAIN), HEIGHT: 6 FT ; DIAMETER: 2 FT A/N: 414404	D2003	D863 D869			E71.20

* (1) (1A) (1B) Denotes RECLAIM emission factor
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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

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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 12: TREATING/STRIPPING					
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 414405	D2532				H23.3
System 26: CAUSTIC NEUTRALIZATION BASIN					
SUMP, CAUSTIC NEUTRALIZATION BASIN, 24,923 GALLONS CAPACITY, WIDTH: 14 FT ; DEPTH: 8 FT 6 IN; LENGTH: 28 FT 1 IN A/N: 395785	D872				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 395785	D2536				H23.3
System 27: SPENT ACID STORAGE FACILITY					S56.1
STORAGE TANK, FIXED ROOF, RPV 180, SPENT ACID, WITH NITROGEN BLANKET, 906 BBL; DIAMETER: 12 FT ; HEIGHT: 37 FT A/N: 396080	D873	D875			
STORAGE TANK, FIXED ROOF, RPV 280, SPENT ACID, WITH NITROGEN BLANKET, 906 BBL; DIAMETER: 12 FT ; HEIGHT: 37 FT A/N: 396080	D874	D875			
VESSEL, DUAL CHAMBER, FOAM TANK AND CAUSTIC SCRUBBER, HEIGHT: 38 FT ; DIAMETER: 5 FT A/N: 396080	D875	D873 D874 D1313 D1314 D1656 D2807			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 396080	D2500			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
Process 13: SULFUR RECOVERY					

* (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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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 13: SULFUR RECOVERY					
System 1: CLAUS SULFUR RECOVERY UNIT "A"					S13.10, S15.30, S18.5, S53.1
FURNACE, MUFFLE, RPV-4146, ACID GAS, NATURAL GAS, PROCESS GAS, WITH WASTE HEAT BOILER, 22.165 MMBTU/HR A/N: 397368	D2654	C896 C2406		**H2S**: 10 PPMV (5) [**RULE 468, 10-8-1976**]	
REACTOR, CLAUS A, RPV-4128, HYDROGEN SULFIDE, THREE STAGES, LENGTH: 44 FT 6 IN; DIAMETER: 13 FT A/N: 397368	D879				
CONDENSER, SULFUR, RPV-4143, THREE STAGES, SHELL AND TUBE TYPE, LENGTH: 18 FT ; DIAMETER: 2 FT 6 IN A/N: 397368	D2602				
CONDENSER, FINAL SULFUR, RPV-4149, SHELL AND TUBE TYPE, LENGTH: 18 FT ; DIAMETER: 2 FT 6 IN A/N: 397368	D881			**H2S**: 10 PPMV (5) [**RULE 468, 10-8-1976**]; **HAP**: (10) [**40CFR 63 Subpart UUU, #4, 4-20-2006**]; **SOX**: 250 PPMV (8) [**40CFR 60 Subpart J, 6-24-2008**]; **SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	
TANK, SULFUR DEGASSING, RW-6844, PRESSURIZED WITH TWO SULFUR CIRCULATION PUMPS; VENTED TO TAIL GAS UNIT, LENGTH: 13 FT 6 IN; DIAMETER: 6 FT 6 IN A/N: 397368	D2645	C896 C2406		**H2S**: 10 PPMV (5) [**RULE 468, 10-8-1976**]	

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 13: SULFUR RECOVERY					
KNOCK OUT POT, RPV 4125, ACID GAS, SOUTH AREA, COMMON TO CLAUS PLANTS A, B, C & D, HEIGHT: 12 FT ; DIAMETER: 4 FT 6 IN A/N: 397368	D877				
KNOCK OUT POT, RPV 4126, ACID GAS, NORTH AREA, COMMON TO CLAUS PLANTS A, B, C & D, HEIGHT: 12 FT ; DIAMETER: 4 FT 6 IN A/N: 397368	D878				
VESSEL, COS/CS2 CONVERTER, "A", RPV-4134, LENGTH: 19 FT ; DIAMETER: 10 FT A/N: 397368	D880				
VESSEL, RPV 5497, FUEL GAS, HEIGHT: 18 FT ; DIAMETER: 4 FT A/N: 397368	D882				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 397368	D2613			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 2: CLAUS SULFUR RECOVERY UNIT "B"					S13.10, S15.30, S18.5, S53.1
FURNACE, MUFFLE, RPV-4147, ACID GAS, NATURAL GAS, PROCESS GAS, WITH WASTE HEAT BOILER, 22.165 MMBTU/HR A/N: 397363	D2655	C896 C2406		**H2S**: 10 PPMV (5) [**RULE 468, 10-8-1976**]	

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 13: SULFUR RECOVERY					
REACTOR, CLAUS B, RPV-4130, HYDROGEN SULFIDE, THREE STAGES, LENGTH: 44 FT 6 IN; DIAMETER: 13 FT A/N: 397363	D883				
CONDENSER, SULFUR, RPV-4144, SHELL AND TUBE TYPE, LENGTH: 18 FT ; DIAMETER: 2 FT 6 IN A/N: 397363	D2604				
CONDENSER, FINAL SULFUR, RPV-4150, SHELL AND TUBE TYPE, LENGTH: 18 FT ; DIAMETER: 2 FT 6 IN A/N: 397363	D885			**H2S**: 10 PPMV (5) [**RULE 468, 10-8-1976**]; **HAP**: (10) [**40CFR 63 Subpart UUU, #4, 4-20-2006**]; **SOX**: 250 PPMV (8) [**40CFR 60 Subpart J, 6-24-2008**]; **SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	
TANK, SULFUR DEGASSING, RW-6842, PRESSURIZED WITH TWO SULFUR CIRCULATION PUMPS; VENTED TO TAIL GAS UNIT, LENGTH: 13 FT 6 IN; DIAMETER: 6 FT 6 IN A/N: 397363	D2646	C896 C2406		**H2S**: 10 PPMV (5) [**RULE 468, 10-8-1976**]	
KNOCK OUT POT, RPV 4125, ACID GAS, SOUTH AREA, COMMON TO CLAUS PLANTS A, B, C & D, HEIGHT: 12 FT ; DIAMETER: 4 FT 6 IN A/N: 397368	D877				
KNOCK OUT POT, RPV 4126, ACID GAS, NORTH AREA, COMMON TO CLAUS PLANTS A, B, C & D, HEIGHT: 12 FT ; DIAMETER: 4 FT 6 IN A/N: 397368	D878				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 13: SULFUR RECOVERY					
VESSEL, COS/CS2 CONVERTER, RPV-4135, LENGTH: 19 FT ; DIAMETER: 10 FT A/N: 397363	D884				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 397363	D2614			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 3: CLAUS SULFUR RECOVERY UNIT "C"					S13.10, S15.30, S18.5, S53.1
FURNACE, MUFFLE, RPV-4148, ACID GAS, NATURAL GAS, PROCESS GAS, OXYGEN ENRICHMENT, WITH WASTE HEAT BOILER, 29 MMBTU/HR A/N: 461441	D2656	C896 C2406		**H2S**: 10 PPMV (5) [**RULE 468, 10-8-1976**]	
REACTOR, CLAUS C, RPV-4132, HYDROGEN SULFIDE, THREE STAGES, LENGTH: 44 FT 6 IN; DIAMETER: 13 FT A/N: 461441	D886				
CONDENSER, SULFUR, RW-6687, SHELL AND TUBE TYPE, LENGTH: 18 FT ; DIAMETER: 2 FT 6 IN A/N: 461441	D2605				
CONDENSER, FINAL SULFUR, RW-6688, SHELL AND TUBE TYPE, LENGTH: 18 FT ; DIAMETER: 2 FT 6 IN A/N: 461441	D889			**H2S**: 10 PPMV (5) [**RULE 468, 10-8-1976**]; **HAP**: (10) [**40CFR 63 Subpart UUU, #4, 4-20-2006**]; **SOX**: 250 PPMV (8) [**40CFR 60 Subpart J, 6-24-2008**]; **SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 13: SULFUR RECOVERY					
TANK, SULFUR DEGASSING, RW-6845, PRESSURIZED WITH TWO SULFUR CIRCULATION PUMPS; VENTED TO TAIL GAS UNITS, LENGTH: 13 FT 6 IN; DIAMETER: 6 FT 6 IN A/N: 461441	D888	C896 C2406		**H2S**: 10 PPMV (5) [**RULE 468, 10-8-1976**]	
KNOCK OUT POT, RPV 4125, ACID GAS, SOUTH AREA, COMMON TO CLAUS PLANTS A, B, C & D, HEIGHT: 12 FT ; DIAMETER: 4 FT 6 IN A/N: 397368	D877				
KNOCK OUT POT, RPV 4126, ACID GAS, NORTH AREA, COMMON TO CLAUS PLANTS A, B, C & D, HEIGHT: 12 FT ; DIAMETER: 4 FT 6 IN A/N: 397368	D878				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 461441	D2675			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 4: CLAUS SULFUR RECOVERY FACILITY "D"					S13.10, S15.30, S18.5, S53.1
KNOCK OUT POT, RPV 5438, AMINE ACID, HEIGHT: 16 FT 6 IN; DIAMETER: 5 FT A/N: 461442	D890				
VESSEL, CATALYTIC CONVERTER, RPV 5439, HEIGHT: 44 FT ; DIAMETER: 12 FT A/N: 461442	D891				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 13: SULFUR RECOVERY					
REACTOR, RW-0005440.01, REACTION FURNACE, OXYGEN INJECTION, HYDROGEN SULFIDE, WITH ONE BABCOCK DUIKER SIZE 300 BURNER A/N: 461442	D892				
CONDENSER, SHELL AND TUBE TYPE, RPV-5442, NO. 1, SULFUR, "D", LENGTH: 18 FT ; DIAMETER: 2 FT 6 IN A/N: 461442	D2606				
CONDENSER, SHELL AND TUBE TYPE, RPV-5444, NO. 2, SULFUR, "D", LENGTH: 18 FT ; DIAMETER: 2 FT 6 IN A/N: 461442	D2607				
CONDENSER, SHELL AND TUBE TYPE, RPV-5446, NO. 3, SULFUR, "D", LENGTH: 18 FT ; DIAMETER: 2 FT 6 IN A/N: 461442	D2608				
PIT, ACCUMULATOR, SULFUR, 130 LONG TONS CAPACITY, WIDTH: 8 FT ; DEPTH: 14 FT 8 IN; LENGTH: 38 FT A/N: 461442	D893	C910 C2413		**H2S**: 10 PPMV (5) [**RULE 468, 10-8-1976**]; **HAP**: (10) [**40CFR 63 Subpart UUU, #4, 4-20-2006**]; **SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	
CONDENSER, SHELL AND TUBE, RPV-5448, NO.4, SULFUR FINAL, LENGTH: 15 FT ; DIAMETER: 2 FT 8 IN A/N: 461442	D894			**H2S**: 10 PPMV (5) [**RULE 468, 10-8-1976**]; **HAP**: (10) [**40CFR 63 Subpart UUU, #4, 4-20-2006**]; **SOX**: 250 PPMV (8) [**40CFR 60 Subpart J, 6-24-2008**]; **SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 13: SULFUR RECOVERY					
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 461442	D2615			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
KNOCK OUT POT, RPV 4125, ACID GAS, SOUTH AREA, COMMON TO CLAUS PLANTS A, B, C & D, HEIGHT: 12 FT ; DIAMETER: 4 FT 6 IN A/N: 397368	D877				
KNOCK OUT POT, RPV 4126, ACID GAS, NORTH AREA, COMMON TO CLAUS PLANTS A, B, C & D, HEIGHT: 12 FT ; DIAMETER: 4 FT 6 IN A/N: 397368	D878				
System 5: CLAUS TAIL GAS TREATING UNIT NO. 2					S18.1
KNOCK OUT POT, RPV 4121, CLAUS TAIL GAS, HEIGHT: 11 FT ; DIAMETER: 10 FT A/N:	D899				
HEATER, NATURAL GAS, CLAUS TAIL GAS, INLINE TYPE, 9.33 MMBTU/HR A/N:	D907				
REACTOR, NO. 2 TGU, RPV 4117, LENGTH: 23 FT ; DIAMETER: 13 FT A/N:	D895				
ABSORBER, RPV 4118, HEIGHT: 40 FT 3 IN; DIAMETER: 9 FT A/N:	C896	C910 C2413		**HAP**: (10) [**40CFR 63 Subpart UUU, #4, 4-20-2006**]	

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 13: SULFUR RECOVERY					
TOWER, QUENCH, RPV 4119, HEIGHT: 39 FT 6 IN; DIAMETER: 9 FT A/N:	D897				
FILTER, QUENCH TOWER, RPV 4196, FRAM, LENGTH: 3 FT 11 IN; DIAMETER: 1 FT 4 IN A/N:	D903				
REGENERATOR, RPV 4120, COMMON TO TGU NO. 1 & 2, HEIGHT: 56 FT 6 IN; DIAMETER: 7 FT A/N:	D898				
ACCUMULATOR, RPV 4122, REGENERATOR OVERHEAD, COMMON TO TGU NO. 1 & 2, HEIGHT: 5 FT 6 IN; DIAMETER: 3 FT A/N:	D900				
TANK, SURGE, RPV 4123, LEAN MDEA, COMMON TO TGU NO. 1 & 2, HEIGHT: 17 FT ; DIAMETER: 10 FT A/N:	D901				
STORAGE TANK, FIXED ROOF, TK-617, AMINE, COMMON TO TGU NO. 1 & 2, 700 BBL; DIAMETER: 15 FT ; HEIGHT: 24 FT A/N:	D908			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	
STORAGE TANK, FIXED ROOF, TK-618, AMINE, COMMON TO TGU NO. 1 & 2, 700 BBL; DIAMETER: 15 FT ; HEIGHT: 24 FT A/N:	D909			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	K67.5

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 13: SULFUR RECOVERY					
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2676			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 6: THERMAL OXIDIZERS					
KNOCK OUT POT, RPV-0656, WASTE GAS, HEIGHT: 12 FT ; DIAMETER: 9 FT A/N: 457434	D835				
OXIDIZER, THERMAL, NO. 2, WASTE GAS, REFINERY GAS OR NATURAL GAS, J.T.THORPE, 44.5 MMBTU/HR WITH A/N: 457434 BURNER, JOHN ZINK, WITH 2 BURNERS	C910	D790 D893 C896 S912 C2406	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.4, C8.2, D82.2, D90.4, D328.1, H23.1
KNOCK OUT POT, SFIA, WASTE GAS, RW-1009, LENGTH: 25 FT ; DIAMETER: 9 FT A/N: 457434	D2745				
KNOCK OUT POT, SFIA, WASTE GAS BLOWCASE, RW-5196, LENGTH: 6 FT 6 IN; DIAMETER: 2 FT 6 IN A/N: 457434	D2746				
FILTER, QUENCH TOWER, RPV 4197, FRAM, HEIGHT: 5 FT 5 IN; DIAMETER: 2 FT 8 IN A/N: 457434	D904				
STACK, HEIGHT: 200 FT ; DIAMETER: 6 FT A/N: 457434	S912	C910 C2413			

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 13: SULFUR RECOVERY					
OXIDIZER, THERMAL, NO. 1 WASTE GAS, REFINERY GAS OR NATURAL GAS, 39.5 MMBTU/HR A/N: 457433	C2413	D790 D893 C896 S912 C2406 S2415	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 0.06 LBS/MMBTU NATURAL GAS (4) [**RULE 2005, 4-20-2001; RULE 2005, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]; **SOX**: 21.1 LBS/HR (2)	A72.1, A99.6, B61.4, C8.2, D82.2, D90.4, D328.1, H23.1, I296.1, K40.1
STACK, HEIGHT: 200 FT ; DIAMETER: 6 FT A/N: 457433	S2415	C2413			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 457433	D2678			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 7: CLAUS TAIL GAS TREATING UNIT NO. 1					S18.1
REGENERATOR, RPV 4120, COMMON TO TGU NO. 1 & 2, HEIGHT: 56 FT 6 IN; DIAMETER: 7 FT A/N:	D898				
ACCUMULATOR, RPV 4122, REGENERATOR OVERHEAD, COMMON TO TGU NO. 1 & 2, HEIGHT: 5 FT 6 IN; DIAMETER: 3 FT A/N:	D900				
TANK, SURGE, RPV 4123, LEAN MDEA, COMMON TO TGU NO. 1 & 2, HEIGHT: 17 FT ; DIAMETER: 10 FT A/N:	D901				

* (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
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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 13: SULFUR RECOVERY					
STORAGE TANK, FIXED ROOF, TK-617, AMINE, COMMON TO TGU NO. 1 & 2, 700 BBL; DIAMETER: 15 FT ; HEIGHT: 24 FT A/N:	D908			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	
STORAGE TANK, FIXED ROOF, TK-618, AMINE, COMMON TO TGU NO. 1 & 2, 700 BBL; DIAMETER: 15 FT ; HEIGHT: 24 FT A/N:	D909			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	K67.5
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2677			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
Process 14: LOADING AND UNLOADING					
System 1: TWO POSITION LPG TANK TRUCK LOADING/UNLOADING NOS.13 & 9A					
UNLOADING ARM, TANK TRUCK, TWO(2), ISO BUTANE, WITH TWIN SEAL 4" PLUG SHUT-OFF VALVE, DIAMETER: 2 IN A/N: 396061	D913				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 396061	D2533				H23.3
System 2: MIXED LIGHT ENDS TANK CAR LOADING/UNLOADING					S13.13, S46.2, S46.3, S56.1
LOADING AND UNLOADING ARM, TANK CAR, SIX (6), BUTANE, WITH DRY BREAK CONNECTIONS A/N:	D917				
TANK, SURGE, RPV-4345, BUTANE, HEIGHT: 9 FT 6 IN; DIAMETER: 6 FT A/N:	D923				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 14: LOADING AND UNLOADING					
KNOCK OUT POT, LOW LINE, RPV-2746, HEIGHT: 8 FT ; DIAMETER: 4 FT A/N:	D924				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2534				H23.3
System 5: SULFUR LOADING					
LOADING ARM, TANK TRUCK, TWO (2), SULFUR, DIAMETER: 3 IN A/N: 395498	D960			**SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	
LOADING ARM, TANK CAR, TWO (2), SULFUR, DIAMETER: 3 IN A/N: 395498	D962			**SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	
LOADING ARM, TOP, FUEL OIL, WITH SUBMERGED FILL EXTENSION, DIAMETER: 1.5 IN A/N: 395498	D964				
System 10: LPG TANK TRUCK LOADING/UNLOADING RACK					S46.2, S46.3, S56.1
LOADING AND UNLOADING ARM, TANK TRUCK, FOUR (4), PROPANE/BUTANE, WITH ONE FLEXIBLE LOADING HOSE & ONE INCH FLEXIBLE REPRESSURIZING HOSE TO VRS, DIAMETER: 2 IN A/N: 419005	D2121				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 419005	D2538			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 11: LPG RAIL CAR LOADING/UNLOADING RACK					S46.2, S46.3, S56.1

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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

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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 14: LOADING AND UNLOADING					
LOADING AND UNLOADING ARM, RAIL CAR, EIGHT (8), PROPYLENE/PROPANE/BUTANE, WITH TWO FLEXIBLE HOSES & ONE TWO INCH REPRESSURIZING HOSE TO VRS, DIAMETER: 2 IN A/N: 419006	D2131				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 419006	D2539				H23.3
System 12: ODORIZING SYSTEM SERVING LPG LOADING/UNLOADING SYSTEMS					S46.2, S46.3
TANK, ODORANT, 1000 GALS A/N: 419007	D2139				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 419007	D2540				H23.3
Process 15: OIL WATER SEPARATION					
System 1: WASTE WATER TREATMENT SYSTEM NO.1					S13.6
OIL WATER SEPARATOR, FIXED ROOF, LIFT STATION NO.1 , TWO COMPARTMENTS, WITH 108"H OVERFLOW WEIR, WIDTH: 25 FT ; DEPTH: 10 FT ; LENGTH: 96 FT A/N: 471302	D1627	C1628		**VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	C266.1, E127.1, E166.1, H23.14, H23.21
FUGITIVE EMISSIONS, DRAINS A/N: 471302	D2600			**HAP**: (10) [**40CFR 63 Subpart CC, #4, 6-23-2003**]	H23.22
CARBON ADSORBER, TWO(2) IN SERIES, 1000 LBS CARBON EACH A/N: 471302	C1628	D1627			D90.1, E128.1, E153.1, K67.16
System 2: WASTE WATER TREATMENT SYSTEM NO.4					S13.6

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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

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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 15: OIL WATER SEPARATION					
OIL WATER SEPARATOR, FIXED ROOF, LIFT STATION NO.4, TWO COMPARTMENTS, WITH 108" OVERRFLOW WEIR, WIDTH: 21 FT ; DEPTH: 12 FT 9 IN; LENGTH: 96 FT A/N: 471303	D992	C1630		**VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	E127.1, E166.1, H23.14, H23.21
CARBON ADSORBER, TWO(2) IN SERIES, 1000 LBS CARBON EACH A/N: 471303	C1630	D992			D90.1, E128.1, E153.1, K67.16
System 4: WASTE WATER TREATMENT SYSTEM NO.7					S13.6
OIL WATER SEPARATOR, INLET FLUME, COVERED, WIDTH: 8 FT ; DEPTH: 6 FT 6 IN; LENGTH: 63 FT A/N: 471290	D994				H23.14
OIL WATER SEPARATOR, FIXED COVER, FOREBAY, WITH OIL SKIMMER, WIDTH: 10 FT ; DEPTH: 6 FT 6 IN; LENGTH: 10 FT A/N: 471290	D995	C1002		**VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	H23.14
OIL WATER SEPARATOR, FIXED ROOF, LIFT STATION NO.7, TWO COMPARTMENTS, WITH 108" H OVERFLOW WEIR, WIDTH: 40 FT ; DEPTH: 12 FT 9 IN; LENGTH: 79 FT A/N: 471290	D997	C1632		**VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	C266.1, E127.1, E166.1, H23.14, H23.21
OIL WATER SEPARATOR, OUTLET FLUME, COVERED, WIDTH: 6 FT ; DEPTH: 12 FT 9 IN; LENGTH: 40 FT A/N: 471290	D998				H23.14
SUMP, WEST RETENTION BASIN, WIDTH: 250 FT ; DEPTH: 23 FT 6 IN; LENGTH: 300 FT A/N: 471290	D999				B89.1, D90.9

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
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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 15: OIL WATER SEPARATION					
STORAGE TANK, EXTERNAL FLOATING ROOF, N0.19, WASTE WATER, 143000 BBL; DIAMETER: 160 FT ; HEIGHT: 40 FT WITH A/N: FLOATING ROOF, PONTOON, WELDED SHELL SECONDARY SEAL, RIM MOUNTED PRIMARY SEAL, METALLIC SHOE	D1000			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]	B22.1, H23.4, H23.12, K67.5, K67.21
STORAGE TANK, EXTERNAL FLOATING ROOF, N0.20, WASTE WATER, WITH 50 HP MIXER, 143400 BBL; DIAMETER: 160 FT ; HEIGHT: 40 FT WITH A/N: FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED	D1001			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]	B22.1, H23.4, H23.12, K67.5, K67.21
CARBON ADSORBER, TWO(2) IN SERIES, 1000 LBS CARBON EACH A/N: 471290	C1002	D995			D90.1, E128.1, E153.1, K67.16

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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
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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 15: OIL WATER SEPARATION					
CARBON ADSORBER, TWO(2) IN SERIES, 1000 LBS CARBON EACH A/N: 471290	C1632	D997			D90.1, E128.1, E153.1, K67.16
VESSEL, V101, TANKS 19 & 20 CONTAINMENT SURGE, HEIGHT: 40 FT ; DIAMETER: 10 FT A/N: 471290	D1634				
System 5: WASTE WATER TREATMENT SYSTEM NO.8					S13.6
OIL WATER SEPARATOR, FIXED COVER, DISTRIBUTION SECTION, WIDTH: 5 FT ; DEPTH: 10 FT 10 IN; LENGTH: 3 FT A/N: 471291	D1004	C1635		**VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	H23.21
OIL WATER SEPARATOR, FIXED COVER, SEPARATION SECTION, WIDTH: 5 FT ; DEPTH: 10 FT 10 IN; LENGTH: 24 FT 6 IN A/N: 471291	D1005	C1635		**VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	H23.21
OIL WATER SEPARATOR, FIXED COVER, SUMP SECTION, WIDTH: 5 FT ; DEPTH: 10 FT 10 IN; LENGTH: 3 FT A/N: 471291	D1006	C1635		**VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	H23.21
CARBON ADSORBER, TWO(2) IN SERIES, 1000 LBS CARBON EACH A/N: 471291	C1635	D1004 D1005 D1006			D90.1, E128.1, E153.1, K67.16
System 6: WASTE WATER FINAL TREATMENT SYSTEM NO.9 &5					S13.6

* (1) (1A) (1B) Denotes RECLAIM emission factor
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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
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(9) See App B for Emission Limits
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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 15: OIL WATER SEPARATION					
OIL WATER SEPARATOR, FLOATING ROOF, FOUR CHANNELS, WITH AN ADJUSTABLE PIPE SKIMMER (NO. 9 LIFT STATION), WIDTH: 96 FT ; DEPTH: 11 FT ; LENGTH: 150 FT A/N: 471306	D1007			**VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	H23.14
OIL WATER SEPARATOR, FIXED ROOF, EFFLUENT FLUME (NO. 9 LIFT STATION), WIDTH: 6 FT ; DEPTH: 11 FT ; LENGTH: 49 FT 6 IN A/N: 471306	D1008	C1638 C1640		**VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	E127.1, E166.1, H23.14, H23.21
OIL WATER SEPARATOR, FIXED ROOF, EFFLUENT FLUME, WIDTH: 6 FT ; DEPTH: 11 FT ; LENGTH: 49 FT 6 IN A/N: 471306	D1009	C1638 C1640		**VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	E127.1, E166.1, H23.14, H23.21
SUMP, FIXED COVER, NO. 5 TRAP FOREBAY, WIDTH: 8 FT ; DEPTH: 17 FT ; LENGTH: 9 FT A/N: 471306	D1010	C1638 C1640		**VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	H23.14, H23.21
SUMP, FLOCCULATION TANK FEED FOREBAY, (LOCATED AT NO. 5 TRAP), WIDTH: 16 FT ; DEPTH: 17 FT ; LENGTH: 23 FT A/N: 471306	D1011				
SUMP, COMBINATION SPARE PUMP BAY, (LOCATED AT NO. 5 TRAP), WIDTH: 16 FT ; DEPTH: 17 FT ; LENGTH: 16 FT A/N: 471306	D1012				

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(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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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 15: OIL WATER SEPARATION					
SUMP, TANK 95 PUMP BAY, (LOCATED AT NO. 5 TRAP), WIDTH: 9 FT ; DEPTH: 17 FT ; LENGTH: 16 FT A/N: 471306	D1013				H23.14
SUMP, DAF AFTERBAY/SPLITTER BOX, (LOCATED AT NO. 5 TRAP), WIDTH: 9 FT ; DEPTH: 17 FT ; LENGTH: 19 FT A/N: 471306	D1014				H23.14
PIT, BINGHAM PUMP, (LOCATED AT NO. 5 TRAP), WIDTH: 9 FT ; DEPTH: 17 FT ; LENGTH: 28 FT A/N: 471306	D1015				H23.14
SUMP, SKIM OIL, WIDTH: 4 FT ; DEPTH: 5 FT ; LENGTH: 8 FT A/N: 471306	D1016				H23.14
TANK, HOLDING, TK 95, EFFLUENT WATER, OPEN TOP WITH CONCRETE VIEW BOX, 20000 BBL; DIAMETER: 60 FT ; HEIGHT: 40 FT A/N: 471306	D1021				
OIL WATER SEPARATOR, LIFT STATION NO.9, TWO FIXED ROOF COMPARTEMENTS, WITH 108" H OVERFLOW WEIR, WIDTH: 17 FT ; DEPTH: 11 FT ; LENGTH: 60 FT A/N: 471306	D1637	C1638 C1640		**VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	C266.1, E127.1, H23.14, H23.21
CARBON ADSORBER, TWO(2) IN SERIES, (LOCATED AT NO. 5 TRAP), 1000 LBS CARBON EACH A/N: 471306	C1638	D1008 D1009 D1010 D1637			D90.1, E128.1, E153.1, K67.16

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(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
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(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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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 15: OIL WATER SEPARATION					
CARBON ADSORBER, TWO(2) IN SERIES, (LOCATED AT NO. 9 LIFT STATION), 1000 LBS CARBON EACH A/N: 471306	C1640	D1008 D1009 D1010 D1637			D90.1, E128.1, E153.1, K67.16
AIR FLOATATION UNIT, INDUCED GAS FLOATATION (IGF) UNIT, NO.1, UNICEL, MODEL UC-17, 2500 GPM, 12 FT DIA X 10 FT HEIGHT A/N: 471306	D2008	D2011			H23.14, H23.21
AIR FLOATATION UNIT, INDUCED GAS FLOATATION (IGF) UNIT, NO.2, UNICEL, MODEL UC-17, 2500 GPM, 12 FT DIA X 10 FT HEIGHT A/N: 471306	D2009	D2012			H23.14, H23.21
AIR FLOATATION UNIT, INDUCED GAS FLOATATION (IGF) UNIT, NO.3, UNICEL, MODEL UC-17, 2500 GPM, 12 FT DIA X 10 FT HEIGHT A/N: 471306	D2010	D2013			H23.14, H23.21
VESSEL, SKIM OIL, NO.1, RW6222, 90 BBL CAPACITY, HEIGHT: 8 FT ; DIAMETER: 8 FT A/N: 471306	D2011	D2008 C2014		**VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	H23.14, H23.21
VESSEL, SKIM OIL, NO.2, RW6223, 90 BBL CAPACITY, HEIGHT: 8 FT ; DIAMETER: 8 FT A/N: 471306	D2012	D2009 C2014		**VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	H23.14, H23.21
VESSEL, SKIM OIL, NO.3, RW6224, 90 BBL CAPACITY, HEIGHT: 8 FT ; DIAMETER: 8 FT A/N: 471306	D2013	D2010 C2014		**VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	H23.14, H23.21

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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 15: OIL WATER SEPARATION					
CARBON ADSORBER, TWO(2) IN SERIES, 1000 LBS CARBON EACH A/N: 471306	C2014	D2011 D2012 D2013			D90.1, E128.1, E153.1, K67.16
DRAIN SYSTEM COMPONENT, HEIGHT: 7 FT 11 IN; DIAMETER: 6 FT A/N: 471306	D2601				H23.14
System 7: OIL WATER TREATING SYSTEM (BENZENE NESHAP)					S13.6, S56.1
COLUMN, STRIPPER, RPV 5543, OIL WATER, HEIGHT: 65 FT ; DIAMETER: 8 FT A/N:	D1644			**HAP**: (10) [**40CFR 63 Subpart CC, #4, 6-23-2003**]	H23.12
COLUMN, STRIPPER, RPV 5544, OIL WATER, HEIGHT: 65 FT ; DIAMETER: 8 FT A/N:	D1645			**HAP**: (10) [**40CFR 63 Subpart CC, #4, 6-23-2003**]	H23.12
VESSEL, SEPARATOR, RPV 5545, OIL WATER, HEIGHT: 15 FT ; DIAMETER: 7 FT 6 IN A/N:	D1646			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **HAP**: (10) [**40CFR 63 Subpart CC, #4, 6-23-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
DRUM, RELIEF QUENCH, RPV 5546, HEIGHT: 13 FT ; DIAMETER: 5 FT A/N:	D1647				
DRUM, RPV 5571, TANK FARM WATER COLLECTION, LENGTH: 24 FT ; DIAMETER: 8 FT A/N:	D1648			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12

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(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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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: OIL WATER SEPARATION					
VESSEL, SEPARATOR, RPV 5549, HYDROCYCLONE, LENGTH: 7 FT 7 IN; DIAMETER: 3 FT A/N:	D1649			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **HAP**: (10) [**40CFR 63 Subpart CC, #4, 6-23-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
PUMP, RW 2808 295.02, OIL WATER TRANSFER, CENTRIFUGAL TYPE, WITH DUAL TANDEM SEALS A/N:	D2157				
PUMP, RW 2809 295.02, OIL WATER TRANSFER, CENTRIFUGAL TYPE, WITH DUAL TANDEM SEALS A/N:	D2158				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2541			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 8: WASTE OIL RECOVERY UNIT					S13.6
TANK, TK-309, OIL-WATER, WITH LIGHTNIN MIXER, 4120 BBL; DIAMETER: 35 FT ; HEIGHT: 24 FT WITH A/N: 409264 FLOATING ROOF, PONTOON PRIMARY SEAL	D1030			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	H23.4, H23.12, H23.14

* (1) (1A) (1B) Denotes RECLAIM emission factor
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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.)
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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 15: OIL WATER SEPARATION					
STORAGE TANK, WELDED SHELL, TK-310, OIL-WATER, WITH LIGHTNIN MIXER, 4120 BBL; DIAMETER: 35 FT ; HEIGHT: 24 FT WITH A/N: 409264 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE	D1032			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	H23.4, H23.12, H23.14
System 9: STORM WATER HANDLING AND TREATING SYSTEM					S13.6
SUMP, V-15, CTBD/#JB-X25, INTERCONNECTED WITH V-16 AND V-20,, LIFT STATION, FIXED COVER, WIDTH: 12 FT ; DEPTH: 23 FT 6 IN; LENGTH: 36 FT A/N: 474554	D1058	C2886		**VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996;** *RULE 1303(a)(1)-BACT, 12-6-2002*]	
SUMP, V-16, CTBD/#JB-X25, INTERCONNECTED WITH V-15 AND V-20, LIFT STATION, FIXED COVER, WIDTH: 6 FT ; DEPTH: 23 FT 6 IN; LENGTH: 12 FT A/N: 474554	D1059	C2886		**VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996;** *RULE 1303(a)(1)-BACT, 12-6-2002*]	
SUMP, V-20, CTBD/#JB-X25, INTERCONNECTED WITH V-15 AND V-16, LIFT STATION, FIXED COVER, WIDTH: 6 FT ; DEPTH: 23 FT 6 IN; LENGTH: 12 FT A/N: 474554	D2834	C2886		**VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996;** *RULE 1303(a)(1)-BACT, 12-6-2002*]	

* (1) (1A) (1B) Denotes RECLAIM emission factor
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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

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FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 15: OIL WATER SEPARATION					
CARBON ADSORBER, TWO CANISTERS IN SERIES, 1000 LBS CARBON PER CANISTER A/N: 474554	C2886	D1058 D1059 D2834			D90.8, E128.1, E153.6, K67.16
SUMP, WEST IGF EFFLUENT, LIFT STATION, FIXED COVER, WIDTH: 11 FT ; DEPTH: 9 FT 6 IN; LENGTH: 12 FT A/N: 474553	D2835	C2446		**VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	H23.14
CARBON ADSORBER, TWO CARBON TRAINS, EACH TRAIN WITH TWO 1000 LB CANISTERS IN SERIES, ONE CARBON TRAIN FUNCTIONING AS BACKUP, SERVING WEST IGF EFFLUENT SUMP A/N: 474553	C2446	D2835			D90.8, E128.1, E153.7, K67.16
SUMP, FIXED COVER, SHOPS AREA, 2418 CUBIC FEET CAPACITY, WIDTH: 16 FT 6 IN; DEPTH: 9 FT 5.75 IN; LENGTH: 21 FT 6 IN A/N: 471293	D2747	C2748		**VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	H23.26
CARBON ADSORBER, TWO CANISTERS IN SERIES, 1000 LBS CARBON EACH A/N: 471293	C2748	D2747			D90.8, E128.1, E153.2, K67.16
SUMP, FIRE TRAINING SUMP, 82.7 CUBIC FEET CAPACITY, WIDTH: 3 FT ; DEPTH: 9 FT 2.25 IN; LENGTH: 3 FT A/N: 428167	D2749				B59.2, D90.9

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Process 15: OIL WATER SEPARATION					
SUMP, SUMP (MANIFOLD) 95 SUMP, 245 CUBIC FEET CAPACITY, WIDTH: 7 FT ; DEPTH: 5 FT ; LENGTH: 7 FT A/N: 428173	D2750				B59.2, D90.9
SUMP, FCC GAS FLARE SUMP, 27 CUBIC FEET CAPACITY, WIDTH: 3 FT ; DEPTH: 3 FT ; LENGTH: 3 FT A/N: 428168	D2751				B59.2, D90.9
SUMP, FIXED COVER, SERVING TANK 19/20 BASIN, 2040 CUBIC FEET CAPACITY, WIDTH: 11 FT 4 IN; DEPTH: 10 FT ; LENGTH: 18 FT A/N: 471295	D2752	C2753		**VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	H23.21
CARBON ADSORBER, TWO CANISTERS IN SERIES, 1000 LBS CARBON EACH A/N: 471295	C2753	D2752			D90.8, E128.1, E153.2, K67.16
SUMP, FIXED COVER, PUMPSLAB TAG #000 SUMP, 117.5 CUBIC FEET CAPACITY, WIDTH: 3 FT ; DEPTH: 5 FT ; LENGTH: 7 FT 10 IN A/N: 471300	D2754	C2756		**VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	H23.21
SUMP, FIXED COVER, PUMPSLAB TAG #0217 SUMP, 905.4 CUBIC FEET CAPACITY, WIDTH: 6 FT 10 IN; DEPTH: 15 FT ; LENGTH: 8 FT 10 IN A/N: 471300	D2755	C2756		**VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	H23.21
CARBON ADSORBER, TWO CANISTERS IN SERIES, 1000 LBS CARBON EACH A/N: 471300	C2756	D2754 D2755			D90.8, E128.1, E153.2, K67.16

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(5) (5A) (5B) Denotes command and control emission limit
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Process 15: OIL WATER SEPARATION					
SUMP, FIXED COVER, #4 STEAM PLANT TAG #0100 SUMP, 866.8 CUBIC FEET CAPACITY, WIDTH: 8 FT 3 IN; DEPTH: 10 FT 3 IN; LENGTH: 10 FT 3 IN A/N: 471296	D2757	C2758		**VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	H23.21
CARBON ADSORBER, TWO CANISTERS IN SERIES, 1000 LBS CARBON EACH A/N: 471296	C2758	D2757			D90.8, E128.1, E153.2, K67.16
SUMP, FIXED COVER, SERVING RESERVOIR 502 VALVE BOXES AND/OR DRAIN BOX, 756 CUBIC FEET CAPACITY, WIDTH: 7 FT ; DEPTH: 12 FT ; LENGTH: 9 FT A/N: 471298	D2759	C2760		**VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	H23.21
CARBON ADSORBER, TWO CANISTERS IN SERIES, 1000 LBS CARBON EACH A/N: 471298	C2760	D2759			D90.8, E128.1, E153.2, K67.16
SUMP, FIXED COVER, S&H TAG #0182S SUMP, 304.4 CUBIC FEET CAPACITY, WIDTH: 5 FT 4 IN; DEPTH: 5 FT ; LENGTH: 11 FT 5 IN A/N: 471299	D2761	C2762		**VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	H23.21
CARBON ADSORBER, TWO CANISTERS IN SERIES, 1000 LBS CARBON EACH A/N: 471299	C2762	D2761			D90.8, E128.1, E153.2, K67.16
SUMP, FIXED COVER, NO. 5 FLARE PIT, 63 CUBIC FEET CAPACITY, HEIGHT: 5 FT ; DIAMETER: 4 FT A/N: 471301	D2787	C2788		**VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	H23.14, H23.21

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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 15: OIL WATER SEPARATION					
CARBON ADSORBER, TWO CANISTERS IN SERIES, 1000 LBS CARBON EACH A/N: 471301	C2788	D2787			D90.8, E128.1, E153.2, K67.16
SUMP, FIXED COVER, OILY WATER STRIPPER UNIT, 680 CUBIC FEET CAPACITY, WIDTH: 6 FT 8 IN; DEPTH: 12 FT 2 IN; LENGTH: 17 FT A/N: 471305	D2811	C2812		**VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	H23.14, H23.26
CARBON ADSORBER, TWO CANISTERS IN SERIES, 1000 LBS CARBON EACH A/N: 471305	C2812	D2811			D90.8, E128.1, E153.2, K67.16
SUMP, NO. 2 HYDROGEN PLANT STORMWATER LIFT STATION, FIXED COVER, WIDTH: 14 FT ; DEPTH: 12 FT ; LENGTH: 23 FT 8 IN A/N: 474774	D2880	C2881		**VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996;** *RULE 1303(a)(1)-BACT, 12-6-2002*]; **VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	H23.14
CARBON ADSORBER, TWO CANISTERS IN SERIES, 1000 LBS CARBON PER CANISTER A/N: 474774	C2881	D2880			D90.8, E128.1, E153.1, K67.16
Process 16: PETROLEUM STORAGE TANKS					
System 1: FIXED ROOF TANKS					S13.8
TANK, FIXED ROOF, TK-824, SLOP, 1100 BBL; DIAMETER: 20 FT ; HEIGHT: 20 FT A/N: 448854	D80	D1313 D1314 D1656 D2807		**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	B22.6, C1.49, H23.12, H23.13, K67.21
STORAGE TANK, FIXED ROOF, WEST NO. 916, LEAN MDEA, 1120 BBL., HEIGHT: 20 FT ; DIAMETER: 20 FT A/N: 465929	D800			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	K67.5

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, FIXED ROOF, EAST NO. 917, LEAN MDEA, 1120 BBL., HEIGHT: 20 FT ; DIAMETER: 20 FT A/N: 465930	D801			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	K67.5
STORAGE TANK, FIXED ROOF, NO.83, 55000 BBL; DIAMETER: 90 FT ; HEIGHT: 48 FT A/N: 396082	D1067	D1313 D1314 D1316 D2807		**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	E336.2, H23.12, K67.5
STORAGE TANK, FIXED ROOF, NO.773, 100000 BBL; DIAMETER: 134 FT ; HEIGHT: 40 FT A/N:	D1069			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.9, K67.5, K67.21
STORAGE TANK, FIXED ROOF, NO.84, 55000 BBL; DIAMETER: 90 FT ; HEIGHT: 48 FT A/N: 449868	D1070			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.9, K67.5, K67.21
STORAGE TANK, FIXED ROOF, NO.24, EQUIPPED WITH A MIXER, JENSEN, MODEL 680-60, SIDE MOUNTED, 60 HP MOTOR, 80000 BBL; DIAMETER: 117 FT ; HEIGHT: 41 FT 8 IN A/N: 449866	D1071			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.9, K67.5, K67.21
STORAGE TANK, FIXED ROOF, NO.191, 24192 BBL; DIAMETER: 60 FT ; HEIGHT: 48 FT A/N: 475055	D1072	D1313 D1314 D2807		**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	B22.6, C1.69, H23.12, H23.30, K67.5, K67.21
STORAGE TANK, FIXED ROOF, NO.284, 8950 BBL; DIAMETER: 40 FT ; HEIGHT: 40 FT A/N: 395779	D1073	D1313 D1314 D2807			E336.2, K67.5

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Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, FIXED ROOF, NO.289, 3780 BBL; DIAMETER: 30 FT ; HEIGHT: 30 FT A/N: 395803	D1074	D1313 D1314 D2807			E336.2, K67.5
STORAGE TANK, FIXED ROOF, NO.16, 96690 BBL; DIAMETER: 120 FT ; HEIGHT: 48 FT A/N: 475032	D1075	D1313 D1314 D2807			H23.30, K67.5
STORAGE TANK, FIXED ROOF, NO.93, WITH WATER SEAL TYPE ROOF, 80000 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 10 IN A/N: 475054	D1078	D1313 D1314 D2807			H23.30, K67.5
STORAGE TANK, FIXED ROOF, NO.90, WITH WATER SEAL TYPE ROOF, 80000 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 10 IN A/N: 475053	D1079	D1313 D1314 D2807			H23.30, K67.5
STORAGE TANK, FIXED ROOF, NO.61, WITH WATER SEAL TYPE, 100000 BBL; DIAMETER: 134 FT 8 IN; HEIGHT: 40 FT 7 IN A/N: 396105	D1080				E336.2, K67.5
STORAGE TANK, FIXED ROOF, NO.44, 100000 BBL; DIAMETER: 134 FT 8 IN; HEIGHT: 40 FT 7 IN A/N: 396106	D1081				E336.2, K67.5
STORAGE TANK, FIXED ROOF, NO.43, WITH NATURAL GAS BLANKET, 80000 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 40 FT 2 IN A/N: 396107	D1083				E336.2, K67.5

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Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, FIXED ROOF, NO.958, 150000 BBL; DIAMETER: 160 FT ; HEIGHT: 42 FT A/N:	D1084			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.9, K67.5, K67.21
STORAGE TANK, FIXED ROOF, STEAM HEATED, NO.959, 164000 BBL; DIAMETER: 150 FT ; HEIGHT: 52 FT A/N: 395964	D1085	D1313 D1314 D2807			B22.4, E336.2, K67.5, K67.21
STORAGE TANK, FIXED ROOF, NO.968, 150000 BBL; DIAMETER: 160 FT ; HEIGHT: 42 FT A/N: 395965	D1086			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	E54.3, E336.2, K67.5
STORAGE TANK, FIXED ROOF, HEATED, NO.1, 80200 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 10 IN A/N: 395497	D1087			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	E54.3, E336.2, H23.12, K67.5
STORAGE TANK, FIXED ROOF, NO.18, 80000 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 9 IN A/N: 475048	D1089	D1313 D1314 D2807			H23.30, K67.5
STORAGE TANK, FIXED ROOF, NO. 22, WITH TWO 20 H.P. AGITATORS, 74600 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 10 IN A/N: 449856	D1090			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.9, K67.5, K67.21
STORAGE TANK, FIXED ROOF, NO. 23, WITH TWO 20 H.P. AGITATORS, 80000 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT A/N: 395509	D1091			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.4, K67.5, K67.21

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Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, FIXED ROOF, NO.62, 100600 BBL; DIAMETER: 135 FT 7 IN; HEIGHT: 40 FT 7 IN A/N: 475050	D1092	D1313 D1314 D2807			H23.30, K67.5
STORAGE TANK, FIXED ROOF, NO.63, 100600 BBL; DIAMETER: 135 FT 7 IN; HEIGHT: 40 FT 7 IN A/N: 475051	D1093	D1313 D1314 D2807			H23.30, K67.5
STORAGE TANK, FIXED ROOF, NO. 192, 24192 BBL; DIAMETER: 60 FT ; HEIGHT: 48 FT A/N: 475056	D1098	D1313 D1314 D2807		**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.3, H23.12, H23.30, K67.5, K67.20
STORAGE TANK, FIXED ROOF, NO.277, 500 BBL; DIAMETER: 15 FT ; HEIGHT: 18 FT A/N: 395817	D1099			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	K67.5
STORAGE TANK, FIXED ROOF, NO.288, 3780 BBL; DIAMETER: 30 FT ; HEIGHT: 30 FT A/N: 395794	D1102				E54.3, E336.2, K67.5
STORAGE TANK, FIXED ROOF, NO. 426, WASTEWATER, RECOVERED OIL, 24400 BBL; DIAMETER: 76 FT ; HEIGHT: 30 FT A/N: 475058	D1103	D1313 D1314 D2807			B22.6, C1.70, H23.31, K67.5, K67.21
STORAGE TANK, FIXED ROOF, HEATED, NO.501, CONCRETE, 1200000 BBL A/N: 395637	D1104			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.4, C1.5, K67.5, K67.20, K67.21
STORAGE TANK, FIXED ROOF, NO.614, WASTEWATER, 1200 BBL; DIAMETER: 25 FT ; HEIGHT: 13 FT A/N:	D1106			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	C1.25, K67.20

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(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
BP WEST COAST PROD.LLC BP CARSON REF.

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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, FIXED ROOF, NO.677, 16800 BBL; DIAMETER: 50 FT ; HEIGHT: 48 FT A/N: 449869	D1107			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.15, C1.59, K67.5
STORAGE TANK, FIXED ROOF, NO.678, 16800 BBL; DIAMETER: 50 FT ; HEIGHT: 48 FT A/N: 449870	D1108			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.15, C1.59, K67.5
STORAGE TANK, FIXED ROOF, NO.679, 16800 BBL; DIAMETER: 50 FT ; HEIGHT: 48 FT A/N: 449895	D1109			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.15, C1.59, K67.5
STORAGE TANK, FIXED ROOF, NO.680, 16800 BBL; DIAMETER: 50 FT ; HEIGHT: 48 FT A/N: 449871	D1110			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.15, C1.59, K67.5
STORAGE TANK, FIXED ROOF, NO.700, RECOVERED OIL, 15000 BBL; DIAMETER: 60 FT ; HEIGHT: 30 FT A/N: 475062	D1111	D1313 D1314 D2807			B22.6, C1.70, H23.31, K67.5, K67.21
STORAGE TANK, FIXED ROOF, NO.933, TETRAETHYLENE GLYCOL, 250 BBL; DIAMETER: 12 FT 3 IN; HEIGHT: 12 FT A/N: 395512	D1115				B22.2, C1.28, E336.2, K67.20, K67.21
STORAGE TANK, FIXED ROOF, NO.956, 151200 BBL; DIAMETER: 150 FT ; HEIGHT: 48 FT A/N: 395746	D1116			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	E54.3, E336.2, K67.5

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(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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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, FIXED ROOF, NO.957, 150000 BBL; DIAMETER: 160 FT ; HEIGHT: 42 FT 10 IN A/N: 395635	D1117				B22.4, C1.6, E336.2, K67.20, K67.21
STORAGE TANK, FIXED ROOF, NO.R-11, 80200 BBL; DIAMETER: 117 FT ; HEIGHT: 41 FT 2 IN A/N: 395739	D1119			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.5, K67.21
STORAGE TANK, FIXED ROOF, NO.R-12, RECOVERED OIL, 79800 BBL; DIAMETER: 117 FT ; HEIGHT: 41 FT 2 IN A/N: 475031	D1120	D1313 D1314 D2807		**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 60 Subpart Kb, 10-15-2003; 40CFR 61 Subpart FF, 12-4-2003**]	B22.6, C1.71, H23.5, H23.12, H23.31, K67.5, K67.21
FUGITIVE EMISSIONS, MISCELLANEOUS, PIPING TRANSPORTING REMEDIATION MATERIAL FROM WELLS TO TANK R-12 A/N: 475031	D2885			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3, H23.31
STORAGE TANK, FIXED ROOF, NO.R-26, FUEL OIL, DIESEL OIL NO. 2, EQUIPPED WITH A MIXER, JENSEN, MODEL 680-60, SIDE MOUNTED, 60 HP, 96100 BBL; DIAMETER: 120 FT ; HEIGHT: 48 FT A/N: 395926	D1121			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	K67.5
STORAGE TANK, FIXED ROOF, NO.R-49, 102800 BBL; DIAMETER: 134 FT 9 IN; HEIGHT: 40 FT 7 IN A/N: 395753	D1122			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.3, K67.5, K67.21

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(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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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, FIXED ROOF, NO.R-56, FUEL OIL, DIESEL OIL NO. 2, 102800 BBL; DIAMETER: 134 FT 9 IN; HEIGHT: 40 FT 7 IN A/N: 395752	D1123			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	K67.5
STORAGE TANK, FIXED ROOF, NO.R-58, FUEL OIL, DIESEL OIL NO. 2, 102800 BBL; DIAMETER: 134 FT 9 IN; HEIGHT: 40 FT 7 IN A/N: 395749	D1124			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	K67.5
STORAGE TANK, FIXED ROOF, NO.R-59, FUEL OIL, DIESEL OIL NO. 2, 102800 BBL; DIAMETER: 134 FT 9 IN; HEIGHT: 40 FT 7 IN A/N: 395748	D1125			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	K67.5
STORAGE TANK, FIXED ROOF, NO.R-60, FUEL OIL, DIESEL OIL NO. 2, 102800 BBL; DIAMETER: 134 FT 8 IN; HEIGHT: 40 FT 7 IN A/N: 395745	D1126			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	K67.5
STORAGE TANK, FIXED ROOF, NO.101, RECOVERED GROUNDWATER, 15150 BBL; DIAMETER: 60 FT ; HEIGHT: 30 FT A/N: 395507	D1127			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.36, E336.2, H23.12, K67.20
STORAGE TANK, FIXED ROOF, NO. R-157, 12000 BBL; DIAMETER: 60 FT ; HEIGHT: 24 FT A/N: 395735	D1128				B22.3, E336.2, K67.5, K67.21
STORAGE TANK, FIXED ROOF, NO.R-399, 3750 BBL; DIAMETER: 30 FT ; HEIGHT: 30 FT A/N: 395733	D1130			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.5, K67.5, K67.21

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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
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, FIXED ROOF, NO.102, PROCESS WATER, 15000 BBL; DIAMETER: 60 FT ; HEIGHT: 30 FT A/N: 395506	D1134			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.29, E336.2, H23.12, K67.20
STORAGE TANK, FIXED ROOF, NO.103, PROCESS WATER, 15000 BBL; DIAMETER: 60 FT ; HEIGHT: 30 FT A/N: 395505	D1135			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.30, E336.2, H23.12, K67.20
STORAGE TANK, FIXED ROOF, NO.610, LEAN MDEA, 1080 BBL; DIAMETER: 22 FT ; HEIGHT: 16 FT A/N: 460586	D1136			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	C1.7, K67.20
STORAGE TANK, FIXED ROOF, STEAM HEATED, NO.619, SULFUR, 12500 BBL; DIAMETER: 50 FT ; HEIGHT: 36 FT A/N: 419002	D1137			**SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	E336.3
STORAGE TANK, FIXED ROOF, STEAM HEATED, NO.620, SULFUR, 12500 BBL; DIAMETER: 50 FT ; HEIGHT: 36 FT A/N: 419003	D1138			**SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	E336.3
STORAGE TANK, FIXED ROOF, NO.969, 164000 BBL; DIAMETER: 150 FT ; HEIGHT: 52 FT 10 IN A/N: 475063	D1139	D1313 D1314 D2807			H23.30, K67.5
STORAGE TANK, FIXED ROOF, NO.25, WITH A JENSEN MODEL FIXED-ANGLE SIDE-MOUNTED MIXER, 94507 BBL; DIAMETER: 120 FT ; HEIGHT: 48 FT A/N: 449867	D1140			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.9, K67.5, K67.21

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(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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Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, FIXED ROOF, NO.17, WITH A JENSEN, VARI-ANGLE SIDE-MOUNTED MIXER, 93667 BBL; DIAMETER: 120 FT ; HEIGHT: 48 FT A/N: 475046	D1141	D1313 D1314 D2807			C1.8, H23.30, K67.5, K67.20
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 475046	D2589			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
STORAGE TANK, RPV 3230, AMMONIA, HEIGHT: 35 FT 9 IN; DIAMETER: 8 FT A/N:	D1986				
System 2: FLOATING ROOF TANKS					S13.3
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.2, WITH A JENSEN SIDE-MOUNTED MIXER, 96700 BBL; DIAMETER: 120 FT ; HEIGHT: 48 FT WITH A/N: 395596 FLOATING ROOF, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D1142			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.9, K67.5, K67.20

* (1) (1A) (1B) Denotes RECLAIM emission factor
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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.394, AQEOUS REFINERY SLUDGE/WASTE WATER, 4000 BBL; DIAMETER: 30 FT ; HEIGHT: 30 FT 8 IN WITH A/N: 395654 FLOATING ROOF, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D1143			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	C1.35, H23.12, K67.20
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.3, 84700 BBL; DIAMETER: 120 FT ; HEIGHT: 42 FT WITH A/N: 395667 PRIMARY SEAL, CATEGORY A, METALLIC SHOE FLOATING ROOF, DOUBLE DECK, WELDED SHELL SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D1144			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.4, K67.5, K67.20

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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
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Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.4, 80000 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 8 IN WITH A/N: 395755 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4)	D1145			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	K67.5
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.5, 80000 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 10 IN WITH A/N: 396083 FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A SECONDARY SEAL, CATEGORY A	D1146			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	K67.5

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(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.6, 240000 BBL; DIAMETER: 176 FT 6 IN; HEIGHT: 58 FT WITH A/N: 395666 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D1147			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	B22.6, C1.31, H23.13, K67.20, K67.21
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.8, 240000 BBL; DIAMETER: 176 FT 6 IN; HEIGHT: 58 FT WITH A/N: 395665 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D1148			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	B22.6, C1.31, H23.13, K67.20, K67.21

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(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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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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, INTERNAL FLOATING ROOF, NO.14, GASOLINE, SOUR NAPHTHA, ISOOCTANE, ALKYLATE, TOLUENE, GAS OIL, UNTREATED WASTEWATER, 360000 BBL; DIAMETER: 200 FT ; HEIGHT: 64 FT WITH A/N: 513832 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED GUIDEPOLE, SLOTTED, WITH GASKETED SLIDING COVER, POLE SLEEVE AND POLE WIPER	D1150			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.10, C6.1, E71.16, E193.10, H23.12, H23.25
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.33, 80000 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 42 FT 10 IN WITH A/N: 406117 FLOATING ROOF, RIVETED SHELL PRIMARY SEAL, CATEGORY A	D1159			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.9, C1.72, K67.5

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(5) (5A) (5B) Denotes command and control emission limit
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(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.34, 100000 BBL WITH A/N: 406118 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A	D1160			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.9, C1.72, K67.5
STORAGE TANK, INTERNAL FLOATING ROOF, NO.36, 24000 BBL; DIAMETER: 60 FT ; HEIGHT: 48 FT WITH A/N: 395723 FLOATING ROOF PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D1162			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	B22.7, C1.26, C6.1, H23.5, K67.20, K67.21

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(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
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Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, INTERNAL FLOATING ROOF, NO.37, 15000 BBL; DIAMETER: 60 FT ; HEIGHT: 32 FT WITH A/N: 395724 FLOATING ROOF PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D1163			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	B22.7, C1.26, C6.1, H23.5, K67.20, K67.21
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.39, 32900 BBL; DIAMETER: 70 FT ; HEIGHT: 48 FT WITH A/N: 487104 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B GUIDEPOLE, GASKETED SLIDING COVER, WITH WIPER, UNSLOTTED	D1164			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	B22.19, K67.5, K67.21, K171.2

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.40, JET FUEL (JP4), WITH A HORIZONTALLY MOUNTED CHEMINEER MIXER, 100000 BBL; DIAMETER: 135 FT ; HEIGHT: 41 FT WITH A/N: 395784 FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4)	D1165			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	K67.5
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.57, 97650 BBL; DIAMETER: 134 FT 9 IN; HEIGHT: 40 FT 7 IN WITH A/N: 395713 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D1175			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	K67.5

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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.96, 24000 BBL; DIAMETER: 60 FT ; HEIGHT: 48 FT WITH A/N: 395307 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL	D1185			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	K67.5
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.97, 24000 BBL; DIAMETER: 60 FT ; HEIGHT: 48 FT WITH A/N: 395311 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL	D1186			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	K67.5

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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.152, 9000 BBL; DIAMETER: 40 FT ; HEIGHT: 40 FT WITH A/N: 395844 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL	D1187			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	K67.5
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.187, WITH HORIZONTALLY MOUNTED LIGHTNIN MIXER, 24170 BBL; DIAMETER: 60 FT ; HEIGHT: 48 FT WITH A/N: 487105 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B GUIDEPOLE, SLOTTED, WITH GASKETED SLIDING COVER, POLE SLEEVE, AND POLE WIPER	D1193			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.19, K67.5, K67.21, K171.2

* (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

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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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, WELDED SHELL, INTERNAL FLOATING ROOF, NO.21, 333731 BBL; DIAMETER: 186 FT ; HEIGHT: 69 FT WITH A/N: 448851 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH POLE SLEEVE, WIPER, SLOTTED	D1199			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]	C1.51, C6.1, E193.19, H23.12, H23.25
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.13, CRUDE OIL, 460000 BBL; DIAMETER: 230 FT ; HEIGHT: 69 FT WITH A/N: 396027 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D2153			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.39, H23.5, K67.20

* (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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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 16: PETROLEUM STORAGE TANKS					
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 395611	D2590			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 3: PRESSURIZED TANKS					S13.3, S15.51, S46.2, S46.3, S56.1
STORAGE TANK, PRESSURIZED, NO.75, SPHERICAL, 15000 BBL; DIAMETER: 60 FT 5 IN A/N: 414402	D1200				
STORAGE TANK, PRESSURIZED, TK NO.138, PENTANE, 9000 BBL; DIAMETER: 40 FT ; HEIGHT: 40 FT A/N: 395605	D1650				
STORAGE TANK, PRESSURIZED, NO.194, 3000 BBL; DIAMETER: 32 FT A/N: 414420	D1201			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
STORAGE TANK, PRESSURIZED, TK NO.139, PENTANE, WITH 1 PRESSURE RELIEF VALVE, 9000 BBL; DIAMETER: 40 FT ; HEIGHT: 40 FT A/N: 395607	D1651				
STORAGE TANK, PRESSURIZED, NO.78, SPHERE, MIXED BUTANES, 10200 BBL; DIAMETER: 46 FT A/N: 395658	D1202				

* (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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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, PRESSURIZED, # 681, SPHERE, WELDED SHELL, WITH THREE EMERGENCY PRESSURE RELIEF VALVES VENTED TO ATMOSPHERE, 30000 BBL; DIAMETER: 69 FT A/N: 414440	D1652				
STORAGE TANK, PRESSURIZED, # 682, SPHERE, WELDED SHELL, WITH THREE EMERGENCY PRESSURE RELIEF VALVES VENTED TO ATMOSPHERE, 30000 BBL; DIAMETER: 69 FT A/N: 414441	D1653				
STORAGE TANK, PRESSURIZED, NO.86, SPHERE, BUTANE, 15000 BBL A/N: 395299	D1203				
STORAGE TANK, PRESSURIZED, # 683, SPHERE, WELDED SHELL, WITH THREE EMERGENCY PRESSURE RELIEF VALVES VENTED TO ATMOSPHERE, 30000 BBL; DIAMETER: 69 FT A/N: 414442	D1654				
STORAGE TANK, PRESSURIZED, NO.88, HORTONSPHERE, BUTANE-BUTYLENE, 15000 BBL; DIAMETER: 54 FT 9 IN A/N: 395305	D1204				

* (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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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, PRESSURIZED, # 684, SPHERE, WELDED SHELL, WITH THREE EMERGENCY PRESSURE RELIEF VALVES VENTED TO ATMOSPHERE, 30000 BBL; DIAMETER: 69 FT A/N: 414444	D1655				
STORAGE TANK, PRESSURIZED, NO.89, HORTONSPHERE, ISO-BUTANE, 15000 BBL; DIAMETER: 54 FT 9 IN A/N: 396117	D1205				
STORAGE TANK, PRESSURIZED, NO.274, PROPANE, 1000 BBL; DIAMETER: 9 FT 8 IN; LENGTH: 67 FT 10 IN A/N: 395661	D1206				
STORAGE TANK, PRESSURIZED, NO.275, PROPANE, 1000 BBL; DIAMETER: 9 FT 8 IN; LENGTH: 64 FT 6 IN A/N: 395660	D1207				
STORAGE TANK, PRESSURIZED, NO.276, PROPANE, 1000 BBL; DIAMETER: 9 FT 8 IN; LENGTH: 64 FT 6 IN A/N: 395659	D1208				
STORAGE TANK, PRESSURIZED, NO.301, 940 BBL; DIAMETER: 9 FT 8 IN; LENGTH: 67 FT 10 IN A/N: 396111	D1209				

* (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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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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, PRESSURIZED, NO.302, 940 BBL; DIAMETER: 9 FT 8 IN; LENGTH: 67 FT 10 IN A/N: 395327	D1210				
STORAGE TANK, PRESSURIZED, NO.303, 940 BBL; DIAMETER: 9 FT 8 IN; LENGTH: 67 FT 10 IN A/N: 395329	D1211				
STORAGE TANK, PRESSURIZED, NO.325, PROPANE, 1000 BBL; DIAMETER: 9 FT 8 IN; LENGTH: 67 FT 10 IN A/N: 395664	D1212				
STORAGE TANK, PRESSURIZED, NO.326, PROPANE, 1000 BBL; DIAMETER: 9 FT 8 IN; LENGTH: 67 FT 10 IN A/N: 395663	D1213				
STORAGE TANK, PRESSURIZED, NO. 327, PROPANE, 1000 BBL; DIAMETER: 10 FT 8 IN; LENGTH: 64 FT 8 IN A/N: 395662	D1214				
STORAGE TANK, PRESSURIZED, NO.340, CYLINDRICAL, LIQUIFIED PROPANE, 720 BBL; DIAMETER: 10 FT 1 IN; LENGTH: 43 FT 8 IN A/N: 395714	D1215				
STORAGE TANK, PRESSURIZED, NO.341, CYLINDRICAL, LIQUIFIED PROPANE, 720 BBL; DIAMETER: 10 FT 1 IN; LENGTH: 43 FT 8 IN A/N: 395715	D1216				

* (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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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, PRESSURIZED, NO.342, CYLINDRICAL, LIQUIFIED PROPANE, 720 BBL; DIAMETER: 10 FT 1 IN; LENGTH: 43 FT 8 IN A/N: 395716	D1217				
STORAGE TANK, PRESSURIZED, NO.73, SPHERE, MIXED BUTANE, 30000 BBL; DIAMETER: 69 FT A/N: 395782	D1218				
STORAGE TANK, PRESSURIZED, NO.76, SPHERE, BUTANE-BUTYLENE, 30000 BBL; DIAMETER: 69 FT A/N: 414403	D1219				
STORAGE TANK, PRESSURIZED, NO.87, SPHERE, BUTANE, 15000 BBL A/N: INACTIVE	D1220				
STORAGE TANK, PRESSURIZED, NO.343, CYLINDRICAL, LIQUIFIED PROPANE, 720 BBL; DIAMETER: 10 FT 1 IN; LENGTH: 43 FT 8 IN A/N: 395717	D1221				
STORAGE TANK, PRESSURIZED, NO.79, SPHERE, MIXED BUTANES, 5000 BBL; DIAMETER: 38 FT A/N: 395657	D1222				
STORAGE TANK, PRESSURIZED, NO.74, SPHERICAL, 15000 BBL; DIAMETER: 60 FT 5 IN A/N: 414401	D1223				

* (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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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, PRESSURIZED, NO.955, 40000 BBL; DIAMETER: 75 FT 6 IN A/N: 419008	D1225				E54.3
STORAGE TANK, PRESSURIZED, TK.350, PROPANE/PROPYLENE, 1550 BBL; DIAMETER: 12 FT ; LENGTH: 84 FT A/N: 414421	D2115				
STORAGE TANK, PRESSURIZED, TK.351, PROPANE/PROPYLENE, 1550 BBL; DIAMETER: 12 FT ; LENGTH: 84 FT A/N: 414427	D2116				
STORAGE TANK, PRESSURIZED, TK.352, PROPANE/PROPYLENE, 1550 BBL; DIAMETER: 12 FT ; LENGTH: 84 FT A/N: 414429	D2117				
STORAGE TANK, PRESSURIZED, TK. 353, PROPANE/PROPYLENE, 1550 BBL; DIAMETER: 12 FT ; LENGTH: 84 FT A/N: 414430	D2118				
STORAGE TANK, PRESSURIZED, TK.354, PROPANE/PROPYLENE, 1550 BBL; DIAMETER: 12 FT ; LENGTH: 84 FT A/N: 414431	D2119				
STORAGE TANK, PRESSURIZED, TK.355, PROPANE/PROPYLENE, 1550 BBL; DIAMETER: 12 FT ; LENGTH: 84 FT A/N: 414433	D2120				

* (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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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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, PRESSURIZED, RW 1016-367.02, PROPYLENE, SPHERE, 6000 BBL; DIAMETER: 42 FT A/N: 414437	D2353				
STORAGE TANK, PRESSURIZED, RW 1017-367.02, PROPYLENE, SPHERE, 6000 BBL; DIAMETER: 42 FT A/N: 414438	D2394				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 419008	D2591			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 4: DOMED FLOATING ROOF TANKS					S13.11
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.27, 24170 BBL; DIAMETER: 60 FT ; HEIGHT: 48 FT WITH A/N: 411587 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A SECONDARY SEAL, CATEGORY A, MATRIX A DOME COVER, GEODESIC	D1153			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C6.2, K67.5

* (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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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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.28, 24170 BBL; DIAMETER: 60 FT ; HEIGHT: 48 FT WITH A/N: 411588 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, MATRIX FLEX "A" DOME COVER, GEODESIC	D1154			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C6.2, K67.12
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.29, 24170 BBL; DIAMETER: 60 FT ; HEIGHT: 48 FT WITH A/N: 411589 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, MATRIX FLEX "A" DOME COVER, GEODESIC	D1155			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C6.2, K67.12

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.30, 24170 BBL; DIAMETER: 60 FT ; HEIGHT: 48 FT WITH A/N: 411590 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, MATRIX FLEX "A" DOME COVER, GEODESIC	D1156			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C6.2, K67.12
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.31, 78700 BBL; DIAMETER: 117 FT ; HEIGHT: 42 FT WITH A/N: 443344 FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED DOME COVER, GEODESIC	D1157			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C6.2, K67.12

* (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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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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.32, 75600 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 10 IN WITH A/N: 443346 FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE DOME COVER, GEODESIC	D1158			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C6.2, K67.12
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.35, 100000 BBL; DIAMETER: 135 FT ; HEIGHT: 41 FT WITH A/N: 430580 FLOATING ROOF, DOUBLE DECK, RIVETED SHELL DOME COVER, GEODESIC PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY B OR BETTER, WIPER TYPE	D1161			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.43, C6.2, K67.12

* (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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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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.41, GASOLINE, WITH A HORIZONTALLY MOUNTED MIXER, 120000 BBL; DIAMETER: 135 FT ; HEIGHT: 48 FT WITH A/N: 411568 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE DOME COVER, GEODESIC	D1166			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C6.2, K67.12

* (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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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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.42, 91400 BBL; DIAMETER: 117 FT ; HEIGHT: 48 FT WITH A/N: 458858 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED DOME COVER, GEODESIC GUIDEPOLE, SLOTTED, WITH GASKETED SLIDING COVER, POLE SLEEVE AND POLE WIPER	D1167			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.52, C6.2, K67.12

* (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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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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.45, WITH A SIDE MOUNTED-AGITATOR/MIXER, 99600 BBL; DIAMETER: 134 FT 10 IN; HEIGHT: 40 FT 7 IN WITH A/N: 421124 FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, MATRIX FLEX "A" DOME COVER, GEODESIC	D1168			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C6.2, K67.12

* (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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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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.50, WITH HORIZONTALLY MOUNTED MIXER, 120000 BBL; DIAMETER: 134 FT ; HEIGHT: 48 FT WITH A/N: 421117 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B DOME COVER, GEODESIC	D1169			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C6.2, K67.12

* (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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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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.51, RIVETED SHELL, WITH SIDE MOUNTED AGITATOR/MIXER, 100000 BBL; DIAMETER: 134 FT 9 IN; HEIGHT: 40 FT 7 IN WITH A/N: 430581 FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY B OR BETTER, WIPER TYPE DOME COVER, GEODESIC	D1170			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C6.2, K67.12

* (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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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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.52, GASOLINE, WITH HORIZONTALLY MOUNTED MIXER, 122400 BBL; DIAMETER: 135 FT ; HEIGHT: 48 FT WITH A/N: 430582 FLOATING ROOF, DOUBLE DECK, WELDED SHELL DOME COVER, GEODESIC PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY B OR BETTER, WIPER TYPE	D1171			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.44, C6.2, K67.12

* (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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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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.53, WITH HORIZONTALLY MOUNTED MIXER, 112735 BBL; DIAMETER: 134 FT 9 IN; HEIGHT: 40 FT 7 IN WITH A/N: 443370 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B DOME COVER, GEODESIC	D1172			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C6.2, K67.12

* (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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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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.54, WITH A HORIZONTALLY MOUNTED MIXER, 164330 BBL; DIAMETER: 155 FT ; HEIGHT: 55 FT WITH A/N: 458859 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED DOME COVER, GEODESIC GUIDEPOLE, SLOTTED, WITH GASKETED SLIDING COVER, POLE SLEEVE AND POLE WIPER	D1173			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.53, C6.2, H23.7, K67.12

* (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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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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.55, WITH HORIZONTALLY MOUNTED MIXER, 102800 BBL; DIAMETER: 134 FT 9 IN; HEIGHT: 40 FT 7 IN WITH A/N: 443390 FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B DOME COVER, GEODESIC	D1174			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C6.2, K67.12

* (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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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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.64, 100200 BBL; DIAMETER: 134 FT 7 IN; HEIGHT: 40 FT 7 IN WITH A/N: 477593 FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED DOME COVER, GEODESIC GUIDEPOLE, SLOTTED, WITH GASKETED SLIDING COVER, POLE SLEEVE, AND POLE WIPER	D1176			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C6.2, K67.12

* (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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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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, N0.65, 150000 BBL; DIAMETER: 134 FT ; HEIGHT: 40 FT WITH A/N: 443372 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER, WIPER TYPE DOME COVER, GEODESIC GUIDEPOLE, SLOTTED, WITH GASKETED SLIDING COVER, POLE SLEEVE AND POLE WIPER	D1177			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.45, C6.2, E71.21, H23.7, K67.12

* (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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(10) See section J for NESHAP/MACT requirements

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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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.66, WITH A JENSEN FIXED ANGLE SIDE-MOUNTED MIXER, 122400 BBL; DIAMETER: 135 FT ; HEIGHT: 48 FT WITH A/N: 443342 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER, RIM MOUNTED DOME COVER, GEODESIC GUIDEPOLE, SLOTTED, WITH GASKETED SLIDING COVER, POLE SLEEVE AND POLE WIPER	D1178			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.45, C6.2, E71.21, H23.5, K67.12

* (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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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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.67, WITH THREE AGITATOR MOTORS, 122000 BBL; DIAMETER: 135 FT ; HEIGHT: 48 FT WITH A/N: 473329 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B, SINGLE WIPER DOME COVER, GEODESIC GUIDEPOLE, SLOTTED, WITH GASKETED SLIDING COVER, POLE SLEEVE, AND POLE WIPER	D1179			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C6.2, K67.12, K171.1

* (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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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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.68, EQUIPPED WITH TWO MIXERS, LIGHTNIN, 122400 BBL; DIAMETER: 135 FT ; HEIGHT: 48 FT WITH A/N: 421122 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B DOME COVER, GEODESIC	D1180			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.17, C6.2, K67.12, K67.20

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.69, WITH THREE HORIZONTALLY MOUNTED PATTERSON MIXERS, EACH WITH A MOTOR, 122400 BBL; DIAMETER: 135 FT ; HEIGHT: 48 FT WITH A/N: 430579 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY B OR BETTER, WIPER TYPE DOME COVER, GEODESIC	D1181			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C6.2, K67.12

* (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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Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.70, WITH THREE HORIZONTALLY MOUNTED PATTERSON MIXERS, EACH WITH A MOTOR, 122400 BBL; DIAMETER: 135 FT ; HEIGHT: 48 FT WITH A/N: 473330 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE DOME COVER, GEODESIC GUIDEPOLE, SLOTTED, WITH GASKETED SLIDING COVER, POLE SLEEVE, AND POLE WIPER	D1182			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C6.2, K67.12, K171.1

* (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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Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.71, WITH THREE HORIZONTALLY MOUNTED PATTERSON MIXERS, EACH WITH A MOTOR, 122400 BBL; DIAMETER: 135 FT ; HEIGHT: 48 FT WITH A/N: 458861 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED DOME COVER, GEODESIC GUIDEPOLE, SLOTTED, WITH GASKETED SLIDING COVER, POLE SLEEVE AND POLE WIPER	D1183			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C6.2, K67.12

* (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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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.91, 80000 BBL; DIAMETER: 117 FT ; HEIGHT: 42 FT 10 IN WITH A/N: 421102 FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, MATRIX FLEX "A" DOME COVER, GEODESIC	D1184			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.15, C6.2, K67.12, K67.20
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.154, 9000 BBL; DIAMETER: 40 FT ; HEIGHT: 40 FT WITH A/N: 421123 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, MATRIX FLEX "A" DOME COVER, GEODESIC	D1188			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	C6.2, H23.12, K67.12

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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOUBLE DECK, WELDED SHELL, DOMED EXTERNAL FLOATING ROOF, NO.164, 3750 BBL; DIAMETER: 30 FT ; HEIGHT: 30 FT WITH A/N: 430563 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE DOME COVER, GEODESIC	D1190			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	C6.2, K67.12

* (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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Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.188, WITH HORIZONTALLY MOUNTED LIGHTNIN MIXER, 24170 BBL; DIAMETER: 60 FT ; HEIGHT: 48 FT WITH A/N: 421121 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, MATRIX FLEX "A" DOME COVER, GEODESIC	D1194			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	C6.2, H23.12, K67.12
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.189, 24170 BBL; DIAMETER: 60 FT ; HEIGHT: 48 FT WITH A/N: 430583 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE DOME COVER, GEODESIC	D1195			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	C6.2, H23.12, K67.12

* (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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Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO.190, 42970 BBL; DIAMETER: 80 FT ; HEIGHT: 48 FT WITH A/N: 443362 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE DOME COVER, GEODESIC	D1196			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C6.2, H23.12, K67.12

* (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 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO. 153, RECOVERED OIL, SLOP OIL, GASOLINE BLENDSTOCK, 9000 BBL; DIAMETER: 40 FT ; HEIGHT: 40 FT WITH A/N: 408324 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED DOME COVER, GEODESIC GUIDEPOLE, SLOTTED, WITH GASKETED SLIDING COVER, POLE SLEEVE, AND POLE WIPER	D2850			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	B22.18, C1.63, C6.2, H23.12, K67.12, K67.21, K171.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 408324	D2878			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 5: STORAGE TANKS, OTHER					
STORAGE TANK, FIXED ROOF, UNHEATED, UNDERGROUND, RESERVOIR NO.502, CONCRETE, OVAL SHAPED, 1500000 BBL; WIDTH: 486 FT 6 IN; HEIGHT: 25 FT ; LENGTH: 905 FT 8 IN A/N: 408337	D1105			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.3, C1.42, K67.13

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(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 16: PETROLEUM STORAGE TANKS					
STORAGE TANK, FIXED ROOF, RW 1026-367.05, H2S SCAVENGER ADDITIVE, 1000 GALS; DIAMETER: 5 FT 4 IN; HEIGHT: 6 FT A/N: 424212	D2789				B22.11, C1.54, K67.5, K67.21
STORAGE TANK, FIXED ROOF, NO. 776, DISTILLATES WITH SULFUR COMPOUNDS, 1000 BBL; DIAMETER: 20 FT ; HEIGHT: 18 FT A/N: 418997	D2790			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.12, C1.55, H23.28
STORAGE TANK, FIXED ROOF, NO. 777, DISTILLATES WITH SULFUR COMPOUNDS, 1000 BBL; DIAMETER: 20 FT ; HEIGHT: 18 FT A/N: 418998	D2791			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.12, C1.55, H23.28
STORAGE TANK, FIXED ROOF, NO. 778, DISTILLATES WITH SULFUR, 1000 BBL; DIAMETER: 20 FT ; HEIGHT: 18 FT A/N: 418999	D2792			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.12, C1.55, H23.28
STORAGE TANK, FIXED ROOF, NO. 919, 292 BBL; DIAMETER: 12 FT ; HEIGHT: 14 FT 6 IN A/N: 408302	D2793			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.13, C1.56
STORAGE TANK, FIXED ROOF, NO. 905, 11000 BBL; DIAMETER: 40 FT ; HEIGHT: 48 FT A/N: 408325	D2794			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.14, C1.57
STORAGE TANK, FIXED ROOF, NO. 155, 11600 BBL; DIAMETER: 60 FT ; HEIGHT: 24 FT A/N: 463629	D2840			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.16, C1.61, H23.13

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(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 16: PETROLEUM STORAGE TANKS					
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 408324	D2878			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
Process 17: ELECTRIC GENERATION					
System 1: COGENERATION UNIT NO.1					
GAS TURBINE, W/ TWO GAS STOP/RATIO VALVES, WITH STEAM INJECTION, BUTANE, NATURAL GAS, REFINERY GAS, GENERAL ELECTRIC, MODEL PG7111EA, DRIVING A 90.87 MVA ELECTRIC GENERATOR, SITE RATED AT 82.72 MW, 985.5 MMBTU/HR A/N: 411168	D1226	C1242 C1243 S1247	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2.5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 8 PPMV (4) [**RULE 2005, 4-20-2001; RULE 2005, 5-6-2005**]; **NOX**: 96 PPMV (8) [**40CFR 60 Subpart GG, 2-24-2006**]; **PM**: 0.01 GRAINS/SCF (5A) [**RULE 475, 10-8-1976;** *RULE 475, 8-7-1978*]; **PM**: 0.1 GRAINS/SCF (5B) [**RULE 409, 8-7-1981**]; **PM**: 11 LBS/HR (5) [**RULE 475, 10-8-1976;** *RULE 475, 8-7-1978*]; **SO2**: 150 PPMV (5B) [**40CFR 60 Subpart GG, 2-24-2006**]; **SOX**: 2 PPMV (4) [**RULE 2005, 4-20-2001; RULE 2005, 5-6-2005**]	A63.12, A99.1, A99.2, A99.3, A248.1, A248.2, A248.3, A248.4, A327.1, B61.1, B61.2, B61.3, B61.4, C1.33, C1.34, D12.1, D12.2, D90.3, D90.4, D90.17, D94.1, E54.1, E73.1, H23.1, H23.18, K67.3

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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.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 17: ELECTRIC GENERATION					
BURNER, DUCT, NATURAL GAS, REFINERY GAS, INCLUDING VENT FOR MEROX SYSTEMS NO. 1& 2, COMMON VENTING SYSTEM, 340 MMBTU/HR A/N: 411168	D1227	C1242 C1243	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 0.2 LBS/MMBTU (8) [**40CFR 60 Subpart Db, 1-28-2009**]; **NOX**: 8 PPMV (4) [**RULE 2005, 4-20-2001; RULE 2005, 5-6-2005**]; **PM**: 0.01 GRAINS/SCF (5A) [**RULE 476, 10-8-1976**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]; **PM**: 11 LBS/HR (5B) [**RULE 476, 10-8-1976**]	A327.2, B61.1, B61.2, B61.3, B61.4, D90.3, D90.4, E54.1, E71.1, H23.1, H23.19
STEAM TURBINE, STEAM, DRIVING 42.78 MVA ELECTRIC GENERATOR, RATED@37.5 MW, (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D1228				
STEAM TURBINE, STEAM, DRIVING 42.78 MVA ELECTRIC GENERATOR RATED @ 37.5 MW, (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D1229				
BOILER, WASTE HEAT RECOVERY, STEAM, DUAL PRESSURE, UNFIRED, 583,000 #/HR STM AT 625 PSIG, 21,400 #/HR STM @ 150 PSIG A/N: 411168	D1230				
CONDENSER, STEAM SURFACE, (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D1231				

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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.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 17: ELECTRIC GENERATION					
CONDENSER, STEAM SURFACE, (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D1232				
HEAT EXCHANGER, BUTANE VAPORIZER, RPV4830, (COMMON TO COGENERATION UNITS NO. 1, 2, 3, & 4) A/N: 411169	D2111				
DRUM, KNOCK OUT, BUTANE, RPV 4831, (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4), HEIGHT: 11 FT ; DIAMETER: 5 FT 6 IN A/N: 411169	D2112				
HEAT EXCHANGER, BUTANE SUPERHEATER, RPV4832, (COMMON TO COGENERATION UNITS NO. 1, 2, 3, & 4) A/N: 411169	D2113				
BLOWER, RW 0027-08704, BUTANE, CENTRIFUGAL TYPE, VERTICAL POSITION SEALED WITH NITROGEN, 20 HP A/N: 411169	D2114				
COMPRESSOR, NO. 1, RW-0045-087.32, 10,700 SCFM (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D2740				

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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
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 17: ELECTRIC GENERATION					
COMPRESSOR, NO. 2, RW-0046-087.32, 10,700 SCFM (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D2775				
DRUM, RPV-4800, SLOP COLLECTING (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4), HEIGHT: 9 FT ; DIAMETER: 4 FT A/N: 411169	D2741				
DRUM, RPV-4829, FUEL MIX, HIGH PRESSURE, HEIGHT: 11 FT ; DIAMETER: 6 FT 6 IN A/N: 411169	D2742				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 411168	D2585				H23.3
System 2: COGENERATION UNIT NO.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
BP WEST COAST PROD.LLC BP CARSON REF.

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 17: ELECTRIC GENERATION					
GAS TURBINE, WITH TWO GAS STOP/RATIO VALVES, WITH STEAM INJECTION, BUTANE, NATURAL GAS, REFINERY GAS, GENERAL ELECTRIC, MODEL PG7111EA, DRIVING A 90.87 MVA ELECTRIC GENERATOR, SITE RATED AT 82.72 MW, 985.5 MMBTU/HR A/N: 411169	D1233	C1248 C1249 S1251	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2.5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 8 PPMV (4) [**RULE 2005, 4-20-2001; RULE 2005, 5-6-2005**]; **NOX**: 96 PPMV (8) [**40CFR 60 Subpart GG, 2-24-2006**]; **PM**: 0.01 GRAINS/SCF (8) [**RULE 475, 10-8-1976;** *RULE 475, 8-7-1978*]; **PM**: 0.1 GRAINS/SCF (5B) [**RULE 409, 8-7-1981**]; **SO2**: 2 PPMV (4) [**RULE 2005, 4-20-2001; RULE 2005, 5-6-2005**]; **SO2**: 150 PPMV (8) [**40CFR 60 Subpart GG, 2-24-2006**]	A63.12, A99.1, A99.2, A99.3, A248.1, A248.2, A248.3, A248.4, A327.1, B61.1, B61.2, B61.3, B61.4, C1.33, C1.34, D12.1, D12.2, D90.3, D90.4, D90.17, D94.1, E54.1, E73.1, H23.1, H23.18, K67.3
BURNER, DUCT BURNER, NATURAL GAS, REFINERY GAS, INCLUDING VENTING MEROX SYSTEM NO.1 AND 2 COMMON VENTING SYSTEM, 340 MMBTU/HR A/N: 411169	D1234	C1248 C1249 C1252 C1253	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 0.2 LBS/MMBTU (8) [**40CFR 60 Subpart Db, 1-28-2009**]; **NOX**: 8 PPMV (4) [**RULE 2005, 4-20-2001; RULE 2005, 5-6-2005**]; **PM**: 0.01 GRAINS/SCF (5A) [**RULE 476, 10-8-1976**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]; **PM**: 11 LBS/HR (5B) [**RULE 476, 10-8-1976**]	A327.2, B61.1, B61.2, B61.3, B61.4, D90.3, D90.4, E54.1, E71.1, H23.1, H23.19

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

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

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 17: ELECTRIC GENERATION					
STEAM TURBINE, STEAM, DRIVING 42.78 MVA ELECTRIC GENERATOR, RATED@37.5 MW, (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D1228				
STEAM TURBINE, STEAM, DRIVING 42.78 MVA ELECTRIC GENERATOR RATED @ 37.5 MW, (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D1229				
BOILER, WASTE HEAT RECOVERY , STEAM, DUAL PRESSURE, UNFIRED, 583,000 #/HR STM AT 625 PSIG, 21,400 #/HR STM @ 150 PSIG A/N: 411169	D1235				
CONDENSER, STEAM SURFACE, (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D1231				
CONDENSER, STEAM SURFACE, (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D1232				
HEAT EXCHANGER, BUTANE VAPORIZER, RPV4830, (COMMON TO COGENERATION UNITS NO. 1, 2, 3, & 4) A/N: 411169	D2111				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 17: ELECTRIC GENERATION					
DRUM, KNOCK OUT, BUTANE, RPV 4831, (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4), HEIGHT: 11 FT ; DIAMETER: 5 FT 6 IN A/N: 411169	D2112				
HEAT EXCHANGER, BUTANE SUPERHEATER, RPV4832, (COMMON TO COGENERATION UNITS NO. 1, 2, 3, & 4) A/N: 411169	D2113				
BLOWER, RW 0027-08704, BUTANE, CENTRIFUGAL TYPE, VERTICAL POSITION SEALED WITH NITROGEN, 20 HP A/N: 411169	D2114				
COMPRESSOR, NO. 1, RW-0045-087.32, 10,700 SCFM (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D2740				
COMPRESSOR, NO. 2, RW-0046-087.32, 10,700 SCFM (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D2775				
DRUM, RPV-4800, SLOP COLLECTING (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4), HEIGHT: 9 FT ; DIAMETER: 4 FT A/N: 411169	D2741				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 17: ELECTRIC GENERATION					
DRUM, RPV-4829, FUEL MIX, HIGH PRESSURE, HEIGHT: 11 FT ; DIAMETER: 6 FT 6 IN A/N: 411169	D2742				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 411169	D2586				H23.3
System 3: COGENERATION UNIT NO.3					
GAS TURBINE, WITH TWO GAS STOP/RATIO VALVES, WITH STEAM INJECTION, BUTANE, NATURAL GAS, REFINERY GAS, GENERAL ELECTRIC, MODEL PG7111EA, DRIVING A 90.87 MVA ELECTRIC GENERATOR, SITE RATED AT 82.72 MW, 985.5 MMBTU/HR A/N: 411170	D1236	C1252 C1253 S1255	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2.5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 8 PPMV (4) [**RULE 2005, 4-20-2001; RULE 2005, 5-6-2005**]; **NOX**: 96 PPMV (8) [**40CFR 60 Subpart GG, 2-24-2006**]; **PM**: 0.01 GRAINS/SCF (4) [**RULE 475, 10-8-1976;** *RULE 475, 8-7-1978*]; **PM**: 0.1 GRAINS/SCF (5B) [**RULE 409, 8-7-1981**]; **PM**: 11 LBS/HR (4) [**RULE 475, 10-8-1976;** *RULE 475, 8-7-1978*]; **SO2**: 150 PPMV (5) [**40CFR 60 Subpart GG, 2-24-2006**]; **SOX**: 2 PPMV (4) [**RULE 2005, 4-20-2001; RULE 2005, 5-6-2005**]	A63.12, A99.1, A99.2, A99.3, A248.1, A248.2, A248.3, A248.4, A327.1, B61.1, B61.2, B61.3, B61.4, C1.33, C1.34, D12.1, D12.2, D90.3, D90.4, D90.17, D94.1, E54.1, E73.1, H23.1, H23.18, 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
BP WEST COAST PROD.LLC BP CARSON REF.

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 17: ELECTRIC GENERATION					
BURNER, DUCT, NATURAL GAS, REFINERY GAS, INCLUDING VENTING MEROX SYSTEM NO.1 AND 2 COMMON VENTING SYSTEM, 340 MMBTU/HR A/N: 411170	D1237	C1252 C1253	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 0.2 LBS/MMBTU (8) [**40CFR 60 Subpart Db, 1-28-2009**]; **NOX**: 8 PPMV (4) [**RULE 2005, 4-20-2001; RULE 2005, 5-6-2005**]; **PM**: 0.01 GRAINS/SCF (5A) [**RULE 476, 10-8-1976**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]; **PM**: 11 LBS/HR (5B) [**RULE 476, 10-8-1976**]	A327.2, B61.1, B61.2, B61.3, B61.4, D90.3, D90.4, E54.1, E71.1, H23.1, H23.19
STEAM TURBINE, STEAM, DRIVING 42.78 MVA ELECTRIC GENERATOR, RATED@37.5 MW, (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D1228				
STEAM TURBINE, STEAM, DRIVING 42.78 MVA ELECTRIC GENERATOR RATED @ 37.5 MW, (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D1229				
BOILER, WASTE HEAT RECOVERY, STEAM, DUAL PRESSURE, UNFIRED, 583,000 #/HR STM AT 625 PSIG, 21,400 #/HR STM @ 150 PSIG A/N: 411170	D1238				
CONDENSER, STEAM SURFACE, (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D1231				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 17: ELECTRIC GENERATION					
CONDENSER, STEAM SURFACE, (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D1232				
HEAT EXCHANGER, BUTANE VAPORIZER, RPV4830, (COMMON TO COGENERATION UNITS NO. 1, 2, 3, & 4) A/N: 411169	D2111				
DRUM, KNOCK OUT, BUTANE, RPV 4831, (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4), HEIGHT: 11 FT ; DIAMETER: 5 FT 6 IN A/N: 411169	D2112				
HEAT EXCHANGER, BUTANE SUPERHEATER, RPV4832, (COMMON TO COGENERATION UNITS NO. 1, 2, 3, & 4) A/N: 411169	D2113				
BLOWER, RW 0027-08704, BUTANE, CENTRIFUGAL TYPE, VERTICAL POSITION SEALED WITH NITROGEN, 20 HP A/N: 411169	D2114				
COMPRESSOR, NO. 1, RW-0045-087.32, 10,700 SCFM (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D2740				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 17: ELECTRIC GENERATION					
COMPRESSOR, NO. 2, RW-0046-087.32, 10,700 SCFM (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D2775				
DRUM, RPV-4800, SLOP COLLECTING (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4), HEIGHT: 9 FT ; DIAMETER: 4 FT A/N: 411169	D2741				
DRUM, RPV-4829, FUEL MIX, HIGH PRESSURE, HEIGHT: 11 FT ; DIAMETER: 6 FT 6 IN A/N: 411169	D2742				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 411170	D2587				H23.3
System 4: COGENERATION UNIT NO.4					

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 17: ELECTRIC GENERATION					
GAS TURBINE, WITH TWO GAS STOP/RATIO VALVES, WITH STEAM INJECTION, BUTANE, NATURAL GAS, REFINERY GAS, GENERAL ELECTRIC, MODEL PG7111EA, DRIVING A 90.87 MVA ELECTRIC GENERATOR, SITE RATED AT 82.72 MW, 985.5 MMBTU/HR A/N: 411171	D1239	C1256 C1257 S1259	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2.5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 8 PPMV (4) [**RULE 2005, 4-20-2001; RULE 2005, 5-6-2005**]; **NOX**: 96 PPMV (8) [**40CFR 60 Subpart GG, 2-24-2006**]; **PM**: 0.01 GRAINS/SCF (5A) [**RULE 475, 10-8-1976;** *RULE 475, 8-7-1978*]; **PM**: 0.1 GRAINS/SCF (5B) [**RULE 409, 8-7-1981**]; **PM**: 11 LBS/HR (5) [**RULE 475, 10-8-1976;** *RULE 475, 8-7-1978*]; **SO2**: 150 PPMV (8) [**40CFR 60 Subpart GG, 2-24-2006**]; **SOX**: 2 PPMV (4) [**RULE 2005, 4-20-2001; RULE 2005, 5-6-2005**]	A63.12, A99.1, A99.2, A99.3, A248.1, A248.2, A248.3, A248.4, A327.1, B61.1, B61.2, B61.3, B61.4, C1.33, C1.34, D12.1, D12.2, D90.3, D90.4, D90.17, D94.1, E54.1, E73.1, H23.1, H23.18, K67.3
BURNER, DUCT, NATURAL GAS, REFINERY GAS, INCLUDING VENTING MEROX SYSTEM NO.1 AND 2 COMMON VENTING SYSTEM, 340 MMBTU/HR A/N: 411171	D1240	C1256 C1257	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 0.2 LBS/MMBTU (8) [**40CFR 60 Subpart Db, 1-28-2009**]; **NOX**: 8 PPMV (4) [**RULE 2005, 4-20-2001; RULE 2005, 5-6-2005**]; **PM**: 0.01 GRAINS/SCF (5A) [**RULE 476, 10-8-1976**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]; **PM**: 11 LBS/HR (5B) [**RULE 476, 10-8-1976**]	A327.2, B61.1, B61.2, B61.3, B61.4, D90.3, D90.4, E54.1, E71.1, H23.1, H23.19

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

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

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 17: ELECTRIC GENERATION					
STEAM TURBINE, STEAM, DRIVING 42.78 MVA ELECTRIC GENERATOR, RATED@37.5 MW, (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D1228				
STEAM TURBINE, STEAM, DRIVING 42.78 MVA ELECTRIC GENERATOR RATED @ 37.5 MW, (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D1229				
BOILER, WASTE HEAT RECOVERY, STEAM, DUAL PRESSURE, UNFIRED, 583,000 #/HR STM AT 625 PSIG, 21,400 #/HR STM @ 150 PSIG A/N: 411171	D1241				
CONDENSER, STEAM SURFACE, (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D1231				
CONDENSER, STEAM SURFACE, (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D1232				
HEAT EXCHANGER, BUTANE VAPORIZER, RPV4830, (COMMON TO COGENERATION UNITS NO. 1, 2, 3, & 4) A/N: 411169	D2111				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 17: ELECTRIC GENERATION					
DRUM, KNOCK OUT, BUTANE, RPV 4831, (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4), HEIGHT: 11 FT ; DIAMETER: 5 FT 6 IN A/N: 411169	D2112				
HEAT EXCHANGER, BUTANE SUPERHEATER, RPV4832, (COMMON TO COGENERATION UNITS NO. 1, 2, 3, & 4) A/N: 411169	D2113				
BLOWER, RW 0027-08704, BUTANE, CENTRIFUGAL TYPE, VERTICAL POSITION SEALED WITH NITROGEN, 20 HP A/N: 411169	D2114				
COMPRESSOR, NO. 1, RW-0045-087.32, 10,700 SCFM (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D2740				
COMPRESSOR, NO. 2, RW-0046-087.32, 10,700 SCFM (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4) A/N: 411169	D2775				
DRUM, RPV-4800, SLOP COLLECTING (COMMON TO COGENERATION UNITS NO. 1, 2, 3 & 4), HEIGHT: 9 FT ; DIAMETER: 4 FT A/N: 411169	D2741				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 17: ELECTRIC GENERATION					
DRUM, RPV-4829, FUEL MIX, HIGH PRESSURE, HEIGHT: 11 FT ; DIAMETER: 6 FT 6 IN A/N: 411169	D2742				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 411171	D2588				H23.3
System 5: AIR POLLUTION CONTROL SYSTEM NO.1					
SELECTIVE CATALYTIC REDUCTION, NO. 1, WITH AMMONIA INJECTION A/N: 435240	C1242	D1226 D1227 S1247		**NH3**: 20 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	A99.4, D12.9, D28.1, E73.2
REACTOR, CARBON MONOXIDE OXIDATION, APC NO. 1 A/N: 435240	C1243	D1226 D1227 S1247			D82.1
AMMONIA INJECTION A/N: 435240	C1244				
STORAGE TANK, PRESSURIZED, AMMONIA, 71.5 TON CAPACITY, COMMON TO APC SYSTEM NO. 1, 2, 3, AND 4 A/N: 435240	D1245				
STACK, EXHAUST SYSTEM VENTING SCR NO. 1, HEIGHT: 100 FT ; DIAMETER: 14 FT 9 IN A/N: 435240	S1247	D1226 C1242 C1243			
System 6: AIR POLLUTION CONTROL SYSTEM NO.2					
SELECTIVE CATALYTIC REDUCTION, NO. 2, WITH AMMONIA INJECTION A/N: 408240	C1248	D1233 D1234 S1251		**NH3**: 20 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	A99.4, D12.9, D28.1, E73.2

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 17: ELECTRIC GENERATION					
REACTOR, CARBON MONOXIDE OXIDATION, APC NO. 2 A/N: 408240	C1249	D1233 D1234 S1251			D82.1
AMMONIA INJECTION A/N: 408240	C1250				
STORAGE TANK, PRESSURIZED, AMMONIA, 71.5 TON CAPACITY, COMMON TO APC SYSTEM NO. 1, 2, 3, AND 4 A/N: 435240	D1245				
STACK, EXHAUST SYSTEM VENTING SCR NO. 2, HEIGHT: 100 FT ; DIAMETER: 14 FT 9 IN A/N: 408240	S1251	D1233 C1248 C1249			
System 7: AIR POLLUTION CONTROL SYSTEM NO.3					
SELECTIVE CATALYTIC REDUCTION, NO. 3, WITH AMMONIA INJECTION A/N: 408241	C1252	D1234 D1236 D1237 S1255		**NH3**: 20 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	A99.4, D12.9, D28.1, E73.2
REACTOR, CARBON MONOXIDE OXIDATION, APC NO. 3 A/N: 408241	C1253	D1234 D1236 D1237 S1255			D82.1
AMMONIA INJECTION A/N: 408241	C1254				
STORAGE TANK, PRESSURIZED, AMMONIA, 71.5 TON CAPACITY, COMMON TO APC SYSTEM NO. 1, 2, 3, AND 4 A/N: 435240	D1245				
STACK, EXHAUST SYSTEM VENTING SCR NO. 3, HEIGHT: 100 FT ; DIAMETER: 14 FT 9 IN A/N: 408241	S1255	D1236 C1252 C1253			

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 17: ELECTRIC GENERATION					
System 8: AIR POLLUTION CONTROL SYSTEM NO.4					
SELECTIVE CATALYTIC REDUCTION, NO. 4, WITH AMMONIA INJECTION A/N: 408239	C1256	D1239 D1240 S1259		**NH3**: 20 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	A99.4, D12.9, D28.1, E73.2
REACTOR, CARBON MONOXIDE OXIDATION, APC NO. 4 A/N: 408239	C1257	D1239 D1240 S1259			D82.1
AMMONIA INJECTION A/N: 408239	C1258				
STORAGE TANK, PRESSURIZED, AMMONIA, 71.5 TON CAPACITY, COMMON TO APC SYSTEM NO. 1, 2, 3, AND 4 A/N: 435240	D1245				
STACK, EXHAUST SYSTEM VENTING SCR NO. 4, HEIGHT: 100 FT ; DIAMETER: 14 FT 9 IN A/N: 408239	S1259	D1239 C1256 C1257			
Process 18: STEAM GENERATION					
System 2: THREE CHEMICAL SLURRY MIXING TANKS					
TANK, NO. 1 LIME, HEIGHT: 7 FT ; DIAMETER: 10 FT 10 IN A/N: 435242	D1284				
TANK, NO. 2 LIME, HEIGHT: 7 FT ; DIAMETER: 10 FT 10 IN A/N: 435242	D1285				
TANK, NO. 3 LIME, HEIGHT: 7 FT ; DIAMETER: 10 FT 10 IN A/N: 435242	D1286				
Process 19: PETROLEUM MISCELLANEOUS					
System 1: COATING OPERATIONS					

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 19: PETROLEUM MISCELLANEOUS					
SPRAY COATING OPERATION, BINKS, WITH A DNYA-PRECIPITATOR (WATER WASH), LENGTH10 FT; WIDTH: 18 FT; HEIGHT: 12 FT, LOCATED IN PAINT SHOP, WITH SPRAY BOOTH A/N: 435247	D1267			**PM**: (9) [**RULE 404, 2-7-1986**]; **VOC**: (9) [**RULE 1107, 11-9-2001;** *RULE 1107, 1-6-2006;* **RULE 1171, 11-7-2003;** *RULE 1171, 2-1-2008*]	D322.2, H23.20, K67.10
SPRAY COATING OPERATION, BINKS, LENGTH: 6 FT; WIDTH: 6 FT 6 IN; HEIGHT: 7 FT, LOCATED IN PAINT SHOP, WITH BAFFLE, SPRAY BOOTH A/N: 435249	D1268			**PM**: (9) [**RULE 404, 2-7-1986**]; **VOC**: (9) [**RULE 1107, 11-9-2001;** *RULE 1107, 1-6-2006;* **RULE 1171, 11-7-2003;** *RULE 1171, 2-1-2008*]	D322.3, H23.20, K67.8
SPRAY COATING OPERATION, LENGTH: 8 FT; WIDTH: 7 FT; HEIGHT: 8 FT, LOCATED IN WEST END OF MAINTENANCE SHOP BUILDING, WITH BAFFLE, SPRAY BOOTH A/N: 435251	D1269			**PM**: (9) [**RULE 404, 2-7-1986**]; **VOC**: (9) [**RULE 1107, 11-9-2001;** *RULE 1107, 1-6-2006;* **RULE 1171, 11-7-2003;** *RULE 1171, 2-1-2008*]	D322.3, H23.20, K67.8
System 2: FUEL STORAGE AND DISPENSING FACILITY NO.1					
STORAGE TANK, UNDERGROUND, GASOLINE, LOCATED AT GARAGE, 4000 GALS A/N: 435253	D1272				
STORAGE TANK, UNDERGROUND, DIESEL FUEL, LOCATED AT GARAGE, 4000 GALS A/N: 435253	D1274				
FUEL DISPENSING NOZZLE, NO PHASE II CONTROL, DIESEL FUEL, LOCATED AT GARAGE A/N: 435253	D1275				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 19: PETROLEUM MISCELLANEOUS					
System 3: FUEL STORAGE AND DISPENSING FACILITY NO.2					
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, GASOLINE, LOCATED AT GARAGE A/N: 435254	D1276				C1.37, C1.38, D330.1, J110.1
STORAGE TANK, ABOVEGROUND, GASOLINE, (NON-METHANOL COMPATIBLE), LOCATED BY GATE 60, 5000 GALS; DIAMETER: 8 FT ; LENGTH: 18 FT 5 IN A/N: 435254	D1277				E118.1, J119.1, J373.1
System 4: SHELL BLASTING SYSTEM					
ABRASIVE BLASTING, WITH BLAST GENERATOR, LOCATED ACROSS FROM PAINT SHOP (NORTH) WITH A/N: 435255 BUCKET ELEVATOR	D1280 D1281	C1329		**PM**: (9) [**RULE 1140, 2-1-1980;** *RULE 1140, 8-2-1985;* **RULE 404, 2-7-1986; RULE 405, 2-7-1986**]	D323.2, H23.16
TANK, SURGE, WITH AN AERATOR, LOCATED OUTSIDE PAINT SHOP, HEIGHT: 2 FT 11 IN; DIAMETER: 2 FT 3 IN A/N: 435255	D1282				
BAGHOUSE, RUEMELIN, MODEL NO.1375, W 7.5 HP EXHST FAN&3/4HP SHAKER SERVG A SHELL BLAST BTH, LOCATED OUTSIDE PT SHOP, 1375 SQ.FT. A/N: 435257	C1329	D1280			D322.1, D381.1, E102.1, K67.8
System 5: ABRASIVE BLASTING EQUIPMENT					

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 19: PETROLEUM MISCELLANEOUS					
ABRASIVE BLASTING, ROOM, STEEL GRIT, LOCATED AT SOUTH END OF OLD CMPD, SE END OF REFINERY, WITH FABRIC FILTER, WIDTH: 15 FT ; HEIGHT: 10 FT ; LENGTH: 30 FT WITH A/N: 435258 ABRASIVE BLASTING NOZZLE, WITH FABRIC FILTER, DIAMETER: .5 IN; 120 PSIG	D2149	C2151		**PM**: (9) [**RULE 1140, 2-1-1980;** *RULE 1140, 8-2-1985;* **RULE 404, 2-7-1986; RULE 405, 2-7-1986**]	C1.40, D323.2, H23.16
BAGHOUSE, WITH PULSE JET CLEANING, CARTRIDGE FILTER, MODEL HDFT2-16, LOCATED AT SOUTH END OF OLD CMPD, SE END OF REFINERY, 4064 SQ.FT.; 16 CARTRIDGE WITH A/N: 435263 BLOWER, EXHAUST, 15 HP	C2151	D2149			D12.19, D322.1, D381.1, E102.1, K67.8
System 6: INTERNAL COMBUSTION ENGINES					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL FUEL, CUMMINS, MODEL NO. NTA855F, SERIAL NO. 11344698, NATURALLY ASPIRATED (PUMP LOCATED AT TK 239&240, NO.2 FOAM PUMP HOUSE), WITH TURBOCHARGER, 400 BHP A/N: 435273	D1997		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **SOX**: 6.24 LBS/1000 GAL DIESEL (1) [**RULE 2011, 5-6-2005**]	B61.5, C1.16, D12.10, K67.4

* (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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BP WEST COAST PROD.LLC BP CARSON REF.

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 19: PETROLEUM MISCELLANEOUS					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL FUEL, CUMMINS, MODEL NO.NTA855F, SERIAL NO. 11531658, NATURALLY ASPIRATED (PUMP LOCATED AT TANK 80/81), WITH TURBOCHARGER, 400 BHP A/N: 435277	D1998		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **SOX**: 6.24 LBS/1000 GAL DIESEL (1) [**RULE 2011, 5-6-2005**]	B61.5, C1.16, D12.10, K67.4
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL FUEL, CLARKE, MODEL DDFP-12H, SERIAL NO 12VF0124398, WITH AFTERCOOLER, TURBOCHARGER, 1000 BHP A/N: 396040	D2416		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **SOX**: 6.24 LBS/1000 GAL DIESEL (1) [**RULE 2011, 5-6-2005**]	B61.5, C1.16, D12.10, D135.1, K67.4
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL FUEL, CATERPILLAR, MODEL 3412 DITA, SERIAL NO. 38518847, MOBILE PUMP, STATIONED BY THE SAFETY BUILDING, WITH AFTERCOOLER, TURBOCHARGER, 870 BHP A/N: 435281	D2417		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **SOX**: 6.24 LBS/1000 GAL DIESEL (1) [**RULE 2011, 5-6-2005**]	B61.5, C1.16, D12.10, D135.1, K67.4
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL FUEL, CATERPILLAR, MODEL 3412 DITA, SERIAL NO. 38518848, MOBILE PUMP, STATIONED BY THE SAFETY BUILDING, WITH AFTERCOOLER, TURBOCHARGER, 870 BHP A/N: 435282	D2418		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **SOX**: 6.24 LBS/1000 GAL DIESEL (1) [**RULE 2011, 5-6-2005**]	B61.5, C1.16, D12.10, D135.1, K67.4

* (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
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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 19: PETROLEUM MISCELLANEOUS					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, LEAN BURN, DIESEL FUEL, DETROIT DIESEL, MODEL DDFP-L8FA 8215, TWO CYCLE, TURBOCHARGED/AFTERCOOLED, 515 BHP WITH A/N: 406139 PUMP, EMERGENCY FIRE	D2776		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**CO**: 0.46 GRAM/BHP-HR DIESEL (4) [RULE 1303(a), 12-6-2002; *RULE 1303(a)(1) -BACT, 12-6-2002*]; **NOX**: 469 LBS/1000 GAL DIESEL (1) [**RULE 2012, 5-6-2005**]; **NOX + ROG**: 4.36 GRAM/BHP-HR DIESEL (4) [**RULE 2005, 5-6-2005**]; **PM10**: 0.11 GRAM/BHP-HR DIESEL (4) [**RULE 1303(a)(1)-BACT, 5-10-1996;** *RULE 1303(a)(1) -BACT, 12-6-2002*]; **SOX**: 6.24 LBS/1000 GAL DIESEL (1) [**RULE 2011, 5-6-2005**]	B61.6, C1.65, C1.66, D12.10, E193.22, I296.2, K67.4
INTERNAL COMBUSTION ENGINE, 6 CYLINDER, DIESEL FUEL, CUMMINS, MODEL QSX15-G9, DRIVING AN EMERGENCY ELECTRICAL GENERATOR, WITH AFTERCOOLER, TURBOCHARGER, 755 BHP A/N: 474371	D2859		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) ; **PM**: (9) ; **SOX**: 6.24 LBS/1000 GAL DIESEL (1)	B61.6, C1.68, D12.22, E193.24, K67.17
System 7: MOBILE"HOTSY"HOT SOAPY WATER MACHINE					
BOILER, DIESEL FUEL, 0.7 MMBTU/HR A/N: 435283	D1287		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, DIESEL FUEL, 18 HP A/N: 435283	D1288		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**		

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 19: PETROLEUM MISCELLANEOUS					
TANK, HOLDING, DIESEL FUEL, 34 GALS A/N: 435283	D1289				
Process 21: AIR POLLUTION CONTROL PROCESS					
System 1: SOUTH AREA FLARE SYSTEM					S31.10, S56.1, S58.2
FLARE, ELEVATED WITH STEAM INJECTION, REFINERY GAS, WITH 3 PILOT ASSEMBLIES,TIE-IN LINE TO FCCU FLARE FOR EMERGENCY OF SOUTH UNITS, HEIGHT: 203 FT 6 IN; DIAMETER: 3 FT WITH A/N: BURNER, JOHN ZINK, MODEL STF-S-24	C1302	D809 D815		**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	D323.1, E193.3, H23.12, H23.29, I1.1
KNOCK OUT POT, FLARE STACK, HEIGHT: 21 FT 6 IN; DIAMETER: 9 FT A/N:	D1303				
KNOCK OUT POT, RPV-303, SOUTH AREA FLARE PRIMARY, LENGTH: 40 FT ; DIAMETER: 10 FT A/N:	D1304				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2542			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 2: FLUID CATALYTIC CRACKING UNIT FLARE SYSTEM					S31.9, S31.10, S56.1, S58.3

* (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

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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 21: AIR POLLUTION CONTROL PROCESS					
FLARE, ELEVATED WITH STEAM INJECTION, REFINERY GAS, WITH A LIGHT GAS SEAL, 27 STEAM JETS&2"CENTER STEAM DISCHARGE, HEIGHT: 128 FT ; DIAMETER: 2 FT WITH A/N: BURNER, JOHN ZINK, MODEL STF-24	C1305			**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	D12.15, D323.1, E193.3, H23.12, H23.29, I1.1
DRUM, FLARE KNOCKOUT, RPV 2132, LENGTH: 30 FT ; DIAMETER: 12 FT A/N:	D1306			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
VESSEL, SEPARATOR, RPV 3246, STEAM, HEIGHT: 6 FT ; DIAMETER: 3 FT A/N:	D1307				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2543			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 3: HYDROCRACKER FLARE SYSTEM					S31.10, S58.4
FLARE, ELEVATED WITH STEAM INJECTION, REFINERY GAS, WITH A LIGHT GAS SEAL & 33 STEAM JETS, HEIGHT: 161 FT 3 IN; DIAMETER: 2 FT 6 IN WITH A/N: BURNER, JOHN ZINK, MODEL STF-S-30	C1308	D474		**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	D323.1, E193.3, H23.12, H23.29, I1.1

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

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

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 21: AIR POLLUTION CONTROL PROCESS					
DRUM, FLARE KNOCKOUT, RPV 3212, LENGTH: 12 FT ; DIAMETER: 10 FT A/N:	D1309			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
MIST ELIMINATOR, RPV-3214, LENGTH: 28 FT 6 IN; DIAMETER: 12 FT A/N:	D1310				
VESSEL, SEPARATOR, RPV 3213, STEAM, HEIGHT: 4 FT ; DIAMETER: 2 FT A/N:	D1311				
DRUM, RPV 3215, OIL ELIMINATOR, HEIGHT: 6 FT ; DIAMETER: 5 FT A/N:	D1312				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2544			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 4: REFINERY VAPOR RECOVERY SYSTEM					S18.6, S31.6, S56.1
COMPRESSOR, TWO STAGE, NO.5, RW 7087.03 A/N:	D1313	D80 D525 D526 D527 D528 D847 D848 D875 D1067 D1072 D1073 D1074 D1075 D1078 D1079 D1085 D1089 D1092 D1093 D1098 D1103 D1111 D1120 D1139 D1141			

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 21: AIR POLLUTION CONTROL PROCESS					
COMPRESSOR, TWO STAGE, NO.6, RW 26087.32 A/N:	D1314	D80 D525 D526 D527 D528 D847 D848 D875 D1067 D1072 D1075 D1078 D1079 D1089 D1092 D1093 D1098 D1103 D1111 D1120 D1139 D1141			
KNOCK OUT POT, BLOWDOWN, WEST, RVP 1067, LENGTH: 6 FT ; DIAMETER: 2 FT A/N:	D1315				
VESSEL, SEPARATOR, STEAM-OIL, RVP 1069, HEIGHT: 8 FT ; DIAMETER: 4 FT A/N:	D1316	D1067			
KNOCK OUT POT, WEST HEADER, RPV 1068, LENGTH: 12 FT ; DIAMETER: 6 FT A/N:	D1317				
KNOCK OUT POT, FIELD LOCATED WEST HEADER, RPV 2089, LENGTH: 10 FT ; DIAMETER: 4 FT A/N:	D1319				
KNOCK OUT POT, BLOWCASE FOR RPV 1244, RPV 2699, LENGTH: 10 FT 5 IN; DIAMETER: 1 FT 4 IN A/N:	D1320				

* (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
BP WEST COAST PROD.LLC BP CARSON REF.

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 21: AIR POLLUTION CONTROL PROCESS					
SCRUBBER, RPV 1011, WEST WET GAS, HEIGHT: 6 FT 10 IN; DIAMETER: 5 FT A/N:	D1321				
SCRUBBER, RPV 1137, EAST WET GAS, HEIGHT: 6 FT 10 IN; DIAMETER: 5 FT A/N:	D1322				
SCRUBBER, RPV 1055, DRY GAS, HEIGHT: 6 FT 10 IN; DIAMETER: 5 FT A/N:	D1323				
SCRUBBER, CAUSTIC, RPV-1247, HEIGHT: 42 FT ; DIAMETER: 6 FT A/N:	D1324				
KNOCK OUT POT, VAPOR RECOVERY, RPV 3268, HEIGHT: 7 FT ; DIAMETER: 4 FT A/N:	D1325			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
COMPRESSOR, RW16, MYCOM, SCREW TYPE, WITH DOUBLE SEAL, SEAL OIL SYSTEM, 800 HP MOTOR A/N:	D1656	D80 D525 D526 D527 D528 D847 D848 D875			
VESSEL, V-121, BULK OIL, HEIGHT: 10 FT ; DIAMETER: 6 FT A/N:	D1657				
VESSEL, V131, OIL SEPARATOR, HEIGHT: 6 FT ; DIAMETER: 5 FT A/N:	D1658				
TOWER, RW 5794, WEST CAUSTIC, HEIGHT: 57 FT ; DIAMETER: 4 FT A/N:	D1659				

* (1) (1A) (1B) Denotes RECLAIM emission factor
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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
BP WEST COAST PROD.LLC BP CARSON REF.

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 21: AIR POLLUTION CONTROL PROCESS					
SCRUBBER, (SPARE), RW5795, HEIGHT: 5 FT 8 IN; DIAMETER: 5 FT A/N:	D1660				
FILTER, COALESCER A/N:	D2098				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2545			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 5: FLUIDIZED FEED HDS FLARE SYSTEM					S31.10, S58.5
FLARE, ELEVATED WITH STEAM INJECTION, REFINERY GAS, WITH 15 STEAM-AIR INJECTORS, 3 PILOT BURNERS & 24"MOLECULAR SEALS, HEIGHT: 215 FT ; DIAMETER: 2 FT WITH A/N: BURNER, JOHN ZINK, MODEL EEF. QS-24	C1326			**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **H2S**: 160 PPMV REFINERY GAS (8) [**40CFR 60 Subpart J, 6-24-2008**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.4, D12.15, D90.18, D90.19, D323.1, E193.3, H23.1, H23.12, H23.29, I1.1
KNOCK OUT POT, HDS AREA FLARE, RPV 4025, HEIGHT: 32 FT ; DIAMETER: 9 FT A/N:	D1327			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
KNOCK OUT POT, HDS FLARE , RPV 730, HEIGHT: 40 FT ; DIAMETER: 12 FT 6 IN A/N:	D1328			**BENZENE**: (10) [**40CFR 61 Subpart FF, #2, 12-4-2003**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.12
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D2546			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.3
System 8: AIR POLLUTION CONTROL					

* (1) (1A) (1B) Denotes RECLAIM emission factor
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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
BP WEST COAST PROD.LLC BP CARSON REF.

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 21: AIR POLLUTION CONTROL PROCESS					
CARBON ADSORBER, UP TO 4 UNITS, 400 LBS CARBON EACH, ODOR CONTROL, PORTABLE A/N: 471308	C2445				D90.1, E128.1, E153.3, K67.16
CARBON FILTER, NO. 1, WITH GRANULAR CARBON, 1000 LBS, CALGON, ODOR CONTROL, PORTABLE A/N: 465290	C2813				D90.14, E71.22, E128.2, E153.3
CARBON FILTER, NO. 2, WITH GRANULAR CARBON, 1000 LBS, CALGON, ODOR CONTROL, PORTABLE A/N: 465292	C2814				D90.14, E71.22, E128.2, E153.3
CARBON FILTER, NO. 3, WITH GRANULAR CARBON, 1000 LBS, CALGON, ODOR CONTROL, PORTABLE A/N: 465294	C2815				D90.14, E71.22, E128.2, E153.3
CARBON FILTER, NO. 4, WITH GRANULAR CARBON, 1000 LBS, CALGON, ODOR CONTROL, PORTABLE A/N: 465295	C2816				D90.14, E71.22, E128.2, E153.3
CARBON FILTER, NO. 5, WITH GRANULAR CARBON, 1000 LBS, CALGON, ODOR CONTROL, PORTABLE A/N: 465296	C2817				D90.14, E71.22, E128.2, E153.3
CARBON FILTER, NO. 6, WITH GRANULAR CARBON, 1000 LBS, CALGON, ODOR CONTROL, PORTABLE A/N: 465298	C2818				D90.14, E71.22, E128.2, E153.3

* (1) (1A) (1B) Denotes RECLAIM emission factor
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(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
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(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
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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
BP WEST COAST PROD.LLC BP CARSON REF.

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 21: AIR POLLUTION CONTROL PROCESS					
CARBON FILTER, NO. 7, WITH GRANULAR CARBON, 1000 LBS, CALGON, ODOR CONTROL, PORTABLE A/N: 465299	C2819				D90.14, E71.22, E128.2, E153.3
CARBON FILTER, NO. 8, WITH GRANULAR CARBON, 1000 LBS, CALGON, ODOR CONTROL, PORTABLE A/N: 465300	C2820				D90.14, E71.22, E128.2, E153.3
CARBON FILTER, NO. 9, WITH GRANULAR CARBON, 1000 LBS, CALGON, ODOR CONTROL, PORTABLE A/N: 465301	C2821				D90.14, E71.22, E128.2, E153.3
CARBON FILTER, NO. 10, WITH GRANULAR CARBON, 1000 LBS, CALGON, ODOR CONTROL, PORTABLE A/N: 465302	C2822				D90.14, E71.22, E128.2, E153.3
CARBON FILTER, NO. 11, WITH GRANULAR CARBON, 400 LBS, US FILTER, ODOR CONTROL, PORTABLE A/N: 465303	C2823				D90.14, E71.22, E128.2, E153.3
CARBON FILTER, NO. 12, WITH GRANULAR CARBON, 400 LBS, US FILTER, ODOR CONTROL, PORTABLE A/N: 465304	C2824				D90.14, E71.22, E128.2, E153.3

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(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
BP WEST COAST PROD.LLC BP CARSON REF.

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 21: AIR POLLUTION CONTROL PROCESS					
CARBON FILTER, NO. 13, WITH GRANULAR CARBON, 400 LBS, US FILTER, ODOR CONTROL, PORTABLE A/N: 465305	C2825				D90.14, E71.22, E128.2, E153.3
CARBON FILTER, NO. 14, WITH GRANULAR CARBON, 400 LBS, US FILTER, ODOR CONTROL, PORTABLE A/N: 465306	C2826				D90.14, E71.22, E128.2, E153.3
CARBON FILTER, NO. 15, WITH GRANULAR CARBON, 400 LBS, US FILTER, ODOR CONTROL, PORTABLE A/N: 465307	C2827				D90.14, E71.22, E128.2, E153.3
CARBON FILTER, NO. 16, WITH GRANULAR CARBON, 400 LBS, US FILTER, ODOR CONTROL, PORTABLE A/N: 465308	C2828				D90.14, E71.22, E128.2, E153.3
CARBON FILTER, NO. 17, WITH GRANULAR CARBON, 400 LBS, US FILTER, ODOR CONTROL, PORTABLE A/N: 465309	C2829				D90.14, E71.22, E128.2, E153.3
CARBON FILTER, NO. 18, WITH GRANULAR CARBON, 400 LBS, US FILTER, ODOR CONTROL, PORTABLE A/N: 465310	C2830				D90.14, E71.22, E128.2, E153.3

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(5) (5A) (5B) Denotes command and control emission limit
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(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
BP WEST COAST PROD.LLC BP CARSON REF.

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 21: AIR POLLUTION CONTROL PROCESS					
CARBON FILTER, NO. 19, WITH GRANULAR CARBON, 400 LBS, US FILTER, ODOR CONTROL, PORTABLE A/N: 465311	C2831				D90.14, E71.22, E128.2, E153.3
CARBON FILTER, NO. 20, WITH GRANULAR CARBON, 400 LBS, US FILTER, ODOR CONTROL, PORTABLE A/N: 465312	C2832				D90.14, E71.22, E128.2, E153.3
Process 23: R219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES					
System 1:					
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E2592				H23.8
RULE 219 EXEMPT EQUIPMENT, REFRIGERATION UNITS	E2593				H23.8
RULE 219 EXEMPT EQUIPMENT, COOLING TOWERS	E2594				H23.9
RULE 219 EXEMPT EQUIPMENT, REFRIGERANT RECOVERY AND/OR RECYCLING UNITS	E2595				H23.8, H23.24
RULE 219 EXEMPT EQUIPMENT, LAMINATING EQUIPMENT, LOW USE OR EMISSIONS	E2596			**VOC**: (9) [**RULE 1168, 10-3-2003; RULE 1168, 1-7-2005; RULE 1171, 11-7-2003;** *RULE 1171, 2-1-2008*]	H23.23
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E2597			**VOC**: (9) [**RULE 1171, 11-7-2003;** *RULE 1171, 2-1-2008*]	H23.10
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E2598			**VOC**: (9) [**RULE 1113, 11-8-1996;** *RULE 1113, 7-13-2007;* **RULE 1171, 11-7-2003;** *RULE 1171, 2-1-2008*]	K67.6

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(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
BP WEST COAST PROD.LLC BP CARSON REF.

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 23: R219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, FIRE EXTINGUISHING EQUIPMENT USING HALONS	E2599				H23.11

* (1) (1A) (1B) Denotes RECLAIM emission factor
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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
BP WEST COAST PROD.LLC BP CARSON REF.

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
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: DEVICE ID INDEX

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D6	1	1	1
D7	1	1	1
D8	2	1	1
D10	2	1	2
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D13	2	1	2
D14	3	1	2
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D16	3	1	2
D17	3	1	2
D18	3	1	2
D19	3	1	3
D20	3	1	3
D21	4	1	3
D22	4	1	3
D23	4	1	3
D24	4	1	3
D25	4	1	3
D26	4	1	3
D27	5	1	4
D29	5	1	4
D31	5	1	4
D33	6	1	4
D35	6	1	5
D36	6	1	5
D37	6	1	5
D38	6	1	5
D39	6	1	5
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FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: DEVICE ID INDEX

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D60	8	1	6
D61	9	1	7
D62	9	1	7
D63	9	1	8
D67	10	1	8
D69	10	1	9
D70	10	2	1
D71	11	2	1
D72	11	2	1
D73	11	2	1
D74	11	2	1
D75	11	2	1
D76	11	2	1
D78	11	2	1
D79	12	2	1
D79	14	2	3
D80	170	16	1
D81	12	2	1
D81	12	2	2
D82	12	2	2
D83	12	2	2
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FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: DEVICE ID INDEX

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D95	14	2	3
D98	15	2	5
D101	15	2	5
D102	15	2	5
D103	15	2	5
D104	15	2	5
D105	16	2	5
D111	16	2	6
D112	16	2	6
D113	16	2	6
D121	16	2	8
D121	19	2	9
D122	17	2	8
D122	19	2	9
D124	17	2	8
D124	19	2	9
D127	17	2	8
D127	20	2	9
D128	17	2	8
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FACILITY PERMIT TO OPERATE
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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D132	17	2	8
D133	18	2	8
D134	18	2	8
D135	18	2	8
D136	18	2	8
D137	18	2	8
D138	18	2	8
D139	18	2	8
D140	19	2	8
D141	19	2	8
D142	19	2	8
D143	19	2	8
D144	19	2	8
D145	19	2	8
D146	19	2	8
D147	20	2	9
D148	20	2	9
D149	20	2	9
D150	21	2	9
D151	21	2	10
D153	21	2	10
D155	22	2	10
D158	22	2	11
D159	22	2	11
D160	22	2	11
D161	23	2	11
D162	23	2	11
D164	24	3	1
D165	24	3	1
D166	24	3	1
D167	24	3	1
D168	25	3	1
D169	25	3	1
D170	25	3	1
D172	25	3	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D173	25	3	1
D174	25	3	1
D175	25	3	1
D176	25	3	1
D177	26	3	1
D178	26	3	1
D179	26	3	1
D180	26	3	1
D181	26	3	1
D182	26	3	1
D183	26	3	1
D184	26	3	1
D185	27	3	1
D186	27	3	2
D187	27	3	2
D188	27	3	2
D189	29	3	2
D190	29	3	2
D191	27	3	2
D192	27	3	2
D193	27	3	2
D194	28	3	2
D195	28	3	2
D196	28	3	2
D197	28	3	2
D198	28	3	2
D199	28	3	2
D200	30	3	2
D201	28	3	2
D202	28	3	2
D203	29	3	2
D204	29	3	2
D205	29	3	2
D206	29	3	2
D207	29	3	2

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D208	29	3	2
D217	30	3	3
D218	30	3	3
D219	30	3	3
D220	30	3	3
D222	30	3	3
D223	30	3	3
D224	31	3	3
D225	31	3	3
D226	31	3	3
D229	31	3	3
C231	31	3	4
D232	31	3	4
D233	31	3	4
D234	32	3	5
D241	32	3	4
D242	32	3	6
D243	32	3	6
D244	32	3	6
D245	32	3	6
D246	33	3	6
D247	33	3	6
D248	33	3	6
D249	33	3	6
D250	33	3	7
D252	34	3	7
D253	34	4	1
D254	34	4	1
D255	35	4	1
D256	35	4	1
D257	35	4	1
D258	35	4	1
D259	35	4	1
D260	35	4	1
D261	35	4	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D262	35	4	1
D263	36	4	1
D264	36	4	1
D265	36	4	1
D267	36	4	1
D268	36	4	1
D269	36	4	1
D270	36	4	1
D272	37	4	1
D274	37	4	1
D275	37	4	1
D276	37	4	1
D277	37	4	1
D278	37	4	1
D280	37	4	1
D281	37	4	1
D282	38	4	1
D283	38	4	1
D284	38	4	1
D287	38	4	1
D290	38	4	2
D291	38	4	2
D292	39	4	3
D293	39	4	3
D296	40	4	3
D297	40	4	3
D299	40	4	3
D300	40	4	3
D301	40	4	3
D302	40	4	4
D303	40	4	4
D304	41	4	4
D307	41	4	4
D308	41	4	5
D309	41	4	5

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D310	41	4	5
D311	41	4	5
D314	49	5	1
D315	49	5	1
D316	49	5	1
D317	49	5	1
D319	49	5	1
D320	49	5	1
D323	49	5	1
D324	49	5	1
D325	50	5	1
D326	50	5	1
D327	50	5	1
D328	50	5	1
D329	50	5	1
D330	50	5	1
D331	50	5	1
D332	51	5	1
D334	51	5	2
D335	51	5	2
D336	51	5	2
D337	51	5	2
D338	51	5	2
D339	51	5	2
D340	52	5	2
D341	52	5	2
D342	52	5	2
D343	52	5	2
D347	52	5	2
D348	52	5	2
D349	52	5	2
D350	52	5	2
D351	53	5	2
D352	53	5	2
D353	53	5	2

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D354	53	5	3
D355	53	5	3
D356	54	5	3
D357	54	5	3
D358	54	5	3
D359	54	5	3
D360	55	5	3
D361	55	5	3
D362	55	5	3
D372	55	5	3
D373	56	5	3
D374	56	5	3
D375	56	5	3
D376	56	5	3
D377	56	5	3
D378	56	5	3
D379	56	5	3
D380	56	5	3
D381	57	5	3
D382	57	5	3
D383	57	5	3
D384	57	5	3
D385	57	5	3
D386	57	5	3
D387	57	5	3
D388	57	5	3
D389	58	5	3
D390	58	5	3
D391	58	5	3
D392	58	5	3
D393	58	5	3
D394	58	5	3
D395	58	5	3
D396	58	5	3
D397	59	5	3

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D398	59	5	3
D399	59	5	3
D400	59	5	3
D401	59	5	4
D402	59	5	4
D403	59	5	4
D404	60	5	4
D405	60	5	4
D406	60	5	4
D407	60	5	4
D408	60	5	4
D411	60	5	4
D412	60	5	4
D413	60	5	4
D414	60	5	4
D415	61	5	4
D416	62	5	6
D417	63	5	6
D418	63	5	6
D419	64	5	6
D421	64	5	6
D423	64	5	6
D425	65	5	6
D426	66	6	1
D427	67	6	1
D428	67	6	1
D429	67	6	1
D430	67	6	1
D431	67	6	1
D432	68	6	1
D433	68	6	1
D434	68	6	1
D435	68	6	1
D436	68	6	1
D437	68	6	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D438	68	6	1
D439	69	6	1
D440	69	6	1
D441	69	6	1
D442	69	6	1
D443	69	6	1
D444	69	6	1
D445	69	6	1
D446	69	6	1
D447	70	6	1
D448	70	6	1
D449	70	6	1
D451	70	6	1
D452	70	6	1
D453	70	6	1
D454	70	6	1
D455	70	6	1
D456	70	6	1
D457	71	6	1
D458	71	6	1
D459	71	6	1
D460	71	6	1
D461	71	6	2
D462	71	6	2
D463	71	6	2
D464	72	6	2
D465	72	6	2
D468	72	6	2
D469	72	6	2
D470	72	6	2
D471	72	6	2
D472	72	6	2
D473	72	6	2
D474	73	6	2
D475	73	6	2

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D476	73	6	2
D477	73	6	2
D478	73	6	2
D479	73	6	2
D480	73	6	2
D481	73	6	2
D482	74	6	2
D483	74	6	2
D485	74	6	2
D486	74	6	2
D487	74	6	3
D488	74	6	3
D489	75	6	3
D490	75	6	3
D491	75	6	3
D492	75	6	3
D493	75	6	3
D494	75	6	3
D495	75	6	3
D496	75	6	3
D497	76	6	3
D498	76	6	3
D499	76	6	3
D500	76	6	3
D501	76	6	3
D503	76	6	3
D504	76	6	3
D505	76	6	3
D506	77	6	3
D507	77	6	3
D509	77	6	3
D510	77	6	3
C511	77	6	3
D512	77	6	3
D513	77	6	3

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D514	77	6	3
D515	78	6	3
D516	78	6	3
D517	78	6	3
D518	78	6	3
D519	78	6	3
D520	78	6	3
D521	78	6	3
D522	78	6	3
D523	78	6	3
D525	79	6	3
D526	79	6	3
D527	79	6	3
D528	79	6	3
D529	79	6	3
D530	79	6	3
D531	79	6	3
D532	80	6	4
S533	80	6	4
S534	80	6	4
D535	80	6	4
S536	81	6	4
S537	81	6	4
D538	81	6	4
D539	82	6	4
D541	82	6	4
D542	82	7	1
D543	83	7	1
D544	83	7	1
D545	83	7	1
D546	83	7	1
D547	83	7	1
D548	83	7	1
D549	83	7	1
D550	84	7	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D551	84	7	1
D552	84	7	1
D553	84	7	1
D554	84	7	1
D555	84	7	1
D556	84	7	1
D557	85	7	1
D558	85	7	1
D559	85	7	1
D560	85	7	1
D561	85	7	1
D562	85	7	1
D563	85	7	1
D564	86	7	1
D565	86	7	1
D566	86	7	1
D567	86	7	1
D568	86	7	1
D569	86	7	1
D570	90	7	3
C571	91	7	4
D572	91	7	4
S573	92	7	4
S574	92	7	4
S575	92	7	4
D576	92	8	1
D577	92	8	1
D578	92	8	1
D579	93	8	1
D581	93	8	1
D582	93	8	1
D583	93	8	1
D584	93	8	1
D593	93	8	1
D594	93	8	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D595	93	8	1
D596	93	8	1
D597	94	8	1
D598	94	8	1
D599	94	8	1
D600	94	8	1
D601	94	8	1
D602	94	8	1
D603	94	8	1
D604	95	8	1
D607	95	8	2
D608	95	8	2
D610	95	8	2
D611	96	8	2
D612	96	8	2
D613	96	8	2
D614	96	8	2
D615	96	8	2
D616	96	8	2
D617	96	8	2
D619	96	8	2
D622	97	8	2
D623	97	8	2
D624	97	8	2
D625	98	8	3
D626	98	8	3
D627	99	8	3
D628	99	8	3
D629	100	8	3
D631	103	9	1
D632	103	9	1
D634	104	9	1
D635	104	9	1
D636	115	9	9
D637	117	9	9

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D638	104	9	1
D639	104	9	1
D640	104	9	1
D641	104	9	1
D642	104	9	1
D643	104	9	1
D644	105	9	1
D645	105	9	1
D646	105	9	1
D647	105	9	1
D648	105	9	1
D649	105	9	1
D650	105	9	1
D651	105	9	1
D652	106	9	1
D653	116	9	9
D655	116	9	9
D656	116	9	9
D657	116	9	9
D658	117	9	9
D659	106	9	1
D660	106	9	1
D661	106	9	1
D662	106	9	1
D663	106	9	1
D664	116	9	9
D665	106	9	1
D666	106	9	1
D667	107	9	1
D668	107	9	1
D669	107	9	1
D670	107	9	1
D671	110	9	2
D672	110	9	2
D673	110	9	2

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D674	110	9	2
D675	110	9	2
D676	110	9	2
D677	111	9	2
D678	111	9	2
D679	111	9	2
D680	111	9	2
D681	111	9	2
D682	111	9	2
D683	111	9	2
D684	111	9	2
D685	111	9	2
D706	119	10	1
D708	119	10	1
D709	119	10	2
D710	119	10	2
D711	119	10	2
D712	120	10	2
D713	120	10	2
D714	120	10	2
D715	120	10	2
D716	120	10	2
D717	120	10	2
D718	120	10	2
D719	120	10	2
D720	121	10	2
D721	121	10	2
D722	121	10	3
D723	121	10	3
D724	121	10	3
D725	122	10	3
D730	122	11	1
D739	122	11	1
D740	122	11	1
D741	122	11	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D742	122	11	1
D743	123	11	1
D744	123	11	1
D745	123	11	1
D752	123	11	1
D753	123	11	1
D756	123	12	1
D757	124	12	1
D758	124	12	1
D759	124	12	1
D760	124	12	1
D760	125	12	2
D761	124	12	2
D762	124	12	2
D763	124	12	2
D764	124	12	2
D765	125	12	3
D766	125	12	3
D767	125	12	3
D768	125	12	3
D769	125	12	3
D770	125	12	3
D771	126	12	4
D772	126	12	4
D773	126	12	4
D774	126	12	4
D778	126	12	5
D779	126	12	5
D780	135	12	14
D781	135	12	14
D782	127	12	7
D783	127	12	7
D785	127	12	8
D786	127	12	8
D788	127	12	8

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D789	127	12	8
D790	127	12	8
D791	129	12	9
D792	129	12	9
D793	129	12	9
D794	129	12	9
D795	129	12	9
D796	129	12	9
D796	131	12	10
D797	129	12	9
D797	131	12	10
D797	132	12	11
D797	134	12	12
D798	130	12	9
D798	131	12	10
D798	133	12	11
D798	134	12	12
D799	130	12	9
D799	131	12	10
D799	133	12	11
D799	134	12	12
D800	170	16	1
D801	171	16	1
D802	130	12	10
D804	130	12	10
D805	130	12	10
D806	131	12	10
D807	131	12	10
D808	132	12	11
D809	132	12	11
D809	134	12	12
D810	132	12	11
D812	132	12	11
D813	132	12	11
D814	133	12	12

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D815	133	12	12
D817	133	12	12
D818	133	12	12
D822	134	12	13
D823	134	12	13
D824	135	12	13
D825	135	12	13
D826	135	12	13
D827	135	12	13
D828	135	12	13
D829	139	12	16
D830	139	12	16
D831	140	12	17
D832	140	12	17
D833	140	12	17
D835	153	13	6
D838	136	12	14
D838	138	12	15
D839	136	12	14
D839	138	12	15
D840	136	12	14
D840	138	12	15
D841	137	12	14
D841	138	12	15
D842	137	12	14
D842	139	12	15
D843	137	12	14
D843	139	12	15
D844	137	12	15
D847	140	12	20
D848	140	12	20
D853	141	12	22
D854	141	12	22
D855	141	12	23
D857	141	12	23

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D858	141	12	23
D859	141	12	23
D860	142	12	24
D861	142	12	24
D862	142	12	24
D863	142	12	24
D864	142	12	24
D865	142	12	24
D866	143	12	25
D867	143	12	25
D868	143	12	25
D869	143	12	25
D870	143	12	25
D871	143	12	25
D872	144	12	26
D873	144	12	27
D874	144	12	27
D875	144	12	27
D877	146	13	1
D877	147	13	2
D877	149	13	3
D877	151	13	4
D878	146	13	1
D878	147	13	2
D878	149	13	3
D878	151	13	4
D879	145	13	1
D880	146	13	1
D881	145	13	1
D882	146	13	1
D883	147	13	2
D884	148	13	2
D885	147	13	2
D886	148	13	3
D888	149	13	3

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D889	148	13	3
D890	149	13	4
D891	149	13	4
D892	150	13	4
D893	150	13	4
D894	150	13	4
D895	151	13	5
C896	151	13	5
D897	152	13	5
D898	152	13	5
D898	154	13	7
D899	151	13	5
D900	152	13	5
D900	154	13	7
D901	152	13	5
D901	154	13	7
D903	152	13	5
D904	153	13	6
D907	151	13	5
D908	152	13	5
D908	155	13	7
D909	152	13	5
D909	155	13	7
C910	153	13	6
S912	153	13	6
D913	155	14	1
D917	155	14	2
D923	155	14	2
D924	156	14	2
D960	156	14	5
D962	156	14	5
D964	156	14	5
D992	158	15	2
D994	158	15	4
D995	158	15	4

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D997	158	15	4
D998	158	15	4
D999	158	15	4
D1000	159	15	4
D1001	159	15	4
C1002	159	15	4
D1004	160	15	5
D1005	160	15	5
D1006	160	15	5
D1007	161	15	6
D1008	161	15	6
D1009	161	15	6
D1010	161	15	6
D1011	161	15	6
D1012	161	15	6
D1013	162	15	6
D1014	162	15	6
D1015	162	15	6
D1016	162	15	6
D1021	162	15	6
D1030	165	15	8
D1032	166	15	8
D1058	166	15	9
D1059	166	15	9
D1067	171	16	1
D1069	171	16	1
D1070	171	16	1
D1071	171	16	1
D1072	171	16	1
D1073	171	16	1
D1074	172	16	1
D1075	172	16	1
D1078	172	16	1
D1079	172	16	1
D1080	172	16	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1081	172	16	1
D1083	172	16	1
D1084	173	16	1
D1085	173	16	1
D1086	173	16	1
D1087	173	16	1
D1089	173	16	1
D1090	173	16	1
D1091	173	16	1
D1092	174	16	1
D1093	174	16	1
D1098	174	16	1
D1099	174	16	1
D1102	174	16	1
D1103	174	16	1
D1104	174	16	1
D1105	221	16	5
D1106	174	16	1
D1107	175	16	1
D1108	175	16	1
D1109	175	16	1
D1110	175	16	1
D1111	175	16	1
D1113	136	12	14
D1113	137	12	15
D1114	136	12	14
D1114	138	12	15
D1115	175	16	1
D1116	175	16	1
D1117	176	16	1
D1119	176	16	1
D1120	176	16	1
D1121	176	16	1
D1122	176	16	1
D1123	177	16	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1124	177	16	1
D1125	177	16	1
D1126	177	16	1
D1127	177	16	1
D1128	177	16	1
D1130	177	16	1
D1134	178	16	1
D1135	178	16	1
D1136	178	16	1
D1137	178	16	1
D1138	178	16	1
D1139	178	16	1
D1140	178	16	1
D1141	179	16	1
D1142	179	16	2
D1143	180	16	2
D1144	180	16	2
D1145	181	16	2
D1146	181	16	2
D1147	182	16	2
D1148	182	16	2
D1150	183	16	2
D1153	196	16	4
D1154	197	16	4
D1155	197	16	4
D1156	198	16	4
D1157	198	16	4
D1158	199	16	4
D1159	183	16	2
D1160	184	16	2
D1161	199	16	4
D1162	184	16	2
D1163	185	16	2
D1164	185	16	2
D1165	186	16	2

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1166	200	16	4
D1167	201	16	4
D1168	202	16	4
D1169	203	16	4
D1170	204	16	4
D1171	205	16	4
D1172	206	16	4
D1173	207	16	4
D1174	208	16	4
D1175	186	16	2
D1176	209	16	4
D1177	210	16	4
D1178	211	16	4
D1179	212	16	4
D1180	213	16	4
D1181	214	16	4
D1182	215	16	4
D1183	216	16	4
D1184	217	16	4
D1185	187	16	2
D1186	187	16	2
D1187	188	16	2
D1188	217	16	4
D1190	218	16	4
D1193	188	16	2
D1194	219	16	4
D1195	219	16	4
D1196	220	16	4
D1199	189	16	2
D1200	190	16	3
D1201	190	16	3
D1202	190	16	3
D1203	191	16	3
D1204	191	16	3
D1205	192	16	3

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1206	192	16	3
D1207	192	16	3
D1208	192	16	3
D1209	192	16	3
D1210	193	16	3
D1211	193	16	3
D1212	193	16	3
D1213	193	16	3
D1214	193	16	3
D1215	193	16	3
D1216	193	16	3
D1217	194	16	3
D1218	194	16	3
D1219	194	16	3
D1220	194	16	3
D1221	194	16	3
D1222	194	16	3
D1223	194	16	3
D1225	195	16	3
D1226	223	17	1
D1227	224	17	1
D1228	224	17	1
D1228	228	17	2
D1228	231	17	3
D1228	235	17	4
D1229	224	17	1
D1229	228	17	2
D1229	231	17	3
D1229	235	17	4
D1230	224	17	1
D1231	224	17	1
D1231	228	17	2
D1231	231	17	3
D1231	235	17	4
D1232	225	17	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1232	228	17	2
D1232	232	17	3
D1232	235	17	4
D1233	227	17	2
D1234	227	17	2
D1235	228	17	2
D1236	230	17	3
D1237	231	17	3
D1238	231	17	3
D1239	234	17	4
D1240	234	17	4
D1241	235	17	4
C1242	237	17	5
C1243	237	17	5
C1244	237	17	5
D1245	237	17	5
D1245	238	17	6
D1245	238	17	7
D1245	239	17	8
S1247	237	17	5
C1248	237	17	6
C1249	238	17	6
C1250	238	17	6
S1251	238	17	6
C1252	238	17	7
C1253	238	17	7
C1254	238	17	7
S1255	238	17	7
C1256	239	17	8
C1257	239	17	8
C1258	239	17	8
S1259	239	17	8
D1267	240	19	1
D1268	240	19	1
D1269	240	19	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1272	240	19	2
D1274	240	19	2
D1275	240	19	2
D1276	241	19	3
D1277	241	19	3
D1280	241	19	4
D1281	241	19	4
D1282	241	19	4
D1284	239	18	2
D1285	239	18	2
D1286	239	18	2
D1287	244	19	7
D1288	244	19	7
D1289	245	19	7
C1302	245	21	1
D1303	245	21	1
D1304	245	21	1
C1305	246	21	2
D1306	246	21	2
D1307	246	21	2
C1308	246	21	3
D1309	247	21	3
D1310	247	21	3
D1311	247	21	3
D1312	247	21	3
D1313	247	21	4
D1314	248	21	4
D1315	248	21	4
D1316	248	21	4
D1317	248	21	4
D1319	248	21	4
D1320	248	21	4
D1321	249	21	4
D1322	249	21	4
D1323	249	21	4

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1324	249	21	4
D1325	249	21	4
C1326	250	21	5
D1327	250	21	5
D1328	250	21	5
C1329	241	19	4
D1332	4	1	3
C1335	9	1	8
D1363	33	3	7
D1400	39	4	2
D1401	39	4	2
D1402	39	4	2
D1403	39	4	2
D1404	53	5	3
D1405	53	5	3
D1406	54	5	3
D1407	54	5	3
D1408	54	5	3
D1409	54	5	3
D1410	55	5	3
D1411	55	5	3
D1412	55	5	3
D1413	55	5	3
D1420	61	5	5
D1421	61	5	5
D1422	61	5	5
D1423	61	5	5
D1424	61	5	5
D1425	62	5	5
D1426	62	5	5
D1427	62	5	5
D1432	62	5	5
D1433	66	5	6
D1434	67	6	1
D1435	67	6	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1436	67	6	1
D1439	81	6	4
D1443	87	7	2
D1444	87	7	2
D1446	87	7	2
D1447	87	7	2
D1448	87	7	2
D1449	87	7	2
D1450	87	7	2
D1451	87	7	2
D1452	88	7	2
D1453	88	7	2
D1455	88	7	2
D1456	88	7	2
D1457	88	7	2
D1458	88	7	2
D1459	88	7	2
D1460	88	7	2
D1461	89	7	2
D1462	89	7	2
D1463	89	7	2
D1464	89	7	2
D1465	91	7	3
C1466	92	7	4
D1467	92	7	4
S1468	92	7	4
D1470	95	8	1
D1471	95	8	1
D1479	100	9	1
D1480	100	9	1
D1481	100	9	1
D1482	100	9	1
D1483	101	9	1
D1484	101	9	1
D1485	101	9	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1486	101	9	1
D1487	101	9	1
D1488	101	9	1
D1489	101	9	1
D1490	101	9	1
D1491	102	9	1
D1492	102	9	1
D1493	102	9	1
D1494	102	9	1
D1495	102	9	1
D1496	102	9	1
D1497	102	9	1
D1498	102	9	1
D1499	103	9	1
D1500	103	9	1
D1501	103	9	1
D1502	103	9	1
D1508	116	9	9
D1509	116	9	9
D1512	117	9	9
D1513	117	9	9
D1517	109	9	1
D1520	103	9	1
D1521	109	9	1
D1522	103	9	1
D1527	107	9	1
D1528	107	9	1
D1529	107	9	1
D1531	107	9	1
D1532	108	9	1
D1533	108	9	1
D1535	108	9	1
D1536	108	9	1
D1537	117	9	9
D1538	108	9	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1539	112	9	6
D1541	112	9	6
D1585	113	9	8
D1586	113	9	8
D1588	113	9	8
D1589	113	9	8
D1590	113	9	8
D1591	114	9	8
D1592	114	9	8
D1593	114	9	8
D1594	114	9	8
D1595	114	9	8
D1596	114	9	8
D1597	114	9	8
D1598	114	9	8
D1599	115	9	8
D1600	115	9	8
D1601	115	9	8
D1602	115	9	8
D1603	115	9	8
D1604	115	9	8
D1627	157	15	1
C1628	157	15	1
C1630	158	15	2
C1632	160	15	4
D1634	160	15	4
C1635	160	15	5
D1637	162	15	6
C1638	162	15	6
C1640	163	15	6
D1644	164	15	7
D1645	164	15	7
D1646	164	15	7
D1647	164	15	7
D1648	164	15	7

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1649	165	15	7
D1650	190	16	3
D1651	190	16	3
D1652	191	16	3
D1653	191	16	3
D1654	191	16	3
D1655	192	16	3
D1656	249	21	4
D1657	249	21	4
D1658	249	21	4
D1659	249	21	4
D1660	250	21	4
D1974	42	4	7
D1975	42	4	7
D1977	42	4	7
D1978	42	4	7
D1979	42	4	7
D1980	42	4	7
D1982	42	4	7
D1983	42	4	7
D1984	43	4	7
D1985	43	4	7
D1986	179	16	1
D1997	242	19	6
D1998	243	19	6
D2003	142	12	24
D2003	143	12	25
D2005	119	10	1
D2006	119	10	1
D2008	163	15	6
D2009	163	15	6
D2010	163	15	6
D2011	163	15	6
D2012	163	15	6
D2013	163	15	6

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
C2014	164	15	6
D2019	108	9	1
D2044	108	9	1
D2049	89	7	2
D2055	89	7	2
D2056	112	9	6
D2057	112	9	6
D2058	112	9	6
D2059	112	9	6
D2070	97	8	2
D2092	117	9	10
D2093	117	9	10
D2094	118	9	10
D2096	118	9	10
D2097	118	9	10
D2098	250	21	4
D2100	118	9	10
D2101	118	9	10
D2102	118	9	10
D2105	118	9	10
D2111	225	17	1
D2111	228	17	2
D2111	232	17	3
D2111	235	17	4
D2112	225	17	1
D2112	229	17	2
D2112	232	17	3
D2112	236	17	4
D2113	225	17	1
D2113	229	17	2
D2113	232	17	3
D2113	236	17	4
D2114	225	17	1
D2114	229	17	2
D2114	232	17	3

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D2114	236	17	4
D2115	195	16	3
D2116	195	16	3
D2117	195	16	3
D2118	195	16	3
D2119	195	16	3
D2120	195	16	3
D2121	156	14	10
D2131	157	14	11
D2139	157	14	12
D2146	109	9	1
D2147	109	9	1
D2148	109	9	1
D2149	242	19	5
C2151	242	19	5
D2153	189	16	2
D2157	165	15	7
D2158	165	15	7
D2307	43	4	8
D2308	43	4	8
D2309	43	4	8
D2310	43	4	8
D2311	44	4	8
D2312	44	4	8
D2313	44	4	8
D2314	44	4	8
D2315	44	4	8
D2316	44	4	8
D2317	44	4	8
D2318	45	4	8
D2319	45	4	8
D2320	45	4	8
D2321	45	4	8
D2326	45	4	8
D2327	45	4	8

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D2329	45	4	8
D2330	46	4	8
D2331	47	4	9
D2332	47	4	9
D2333	47	4	9
D2334	47	4	9
D2335	47	4	9
D2336	47	4	9
D2337	47	4	9
D2338	47	4	9
D2340	48	4	9
D2351	48	4	9
D2352	48	4	9
D2353	196	16	3
D2363	128	12	8
D2364	128	12	8
D2365	128	12	8
D2366	128	12	8
D2367	128	12	8
D2368	128	12	8
D2369	109	9	1
D2370	109	9	1
D2371	109	9	1
D2372	110	9	1
D2373	110	9	1
D2388	12	2	1
D2389	14	2	2
D2390	31	3	3
D2394	196	16	3
D2395	46	4	8
D2396	46	4	8
D2397	46	4	8
D2398	46	4	8
D2399	46	4	8
D2400	48	4	9

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D2401	48	4	9
D2402	48	4	9
D2403	48	4	9
D2404	128	12	8
C2413	154	13	6
S2415	154	13	6
D2416	243	19	6
D2417	243	19	6
D2418	243	19	6
C2445	251	21	8
C2446	167	15	9
D2459	2	1	1
D2460	3	1	2
D2461	4	1	3
D2462	7	1	5
D2463	8	1	6
D2464	9	1	7
D2465	12	2	1
D2466	14	2	2
D2467	15	2	3
D2468	16	2	5
D2469	16	2	6
D2470	23	2	11
D2471	27	3	1
D2472	30	3	2
D2473	31	3	3
D2474	39	4	2
D2475	33	3	6
D2476	38	4	1
D2477	40	4	3
D2478	41	4	4
D2479	41	4	5
D2481	43	4	7
D2482	51	5	1
D2483	53	5	2

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D2484	59	5	3
D2485	61	5	4
D2486	46	4	8
D2487	48	4	9
D2488	62	5	5
D2489	71	6	1
D2490	74	6	2
D2491	79	6	3
D2492	86	7	1
D2493	89	7	2
D2494	95	8	1
D2495	97	8	2
D2496	110	9	1
D2497	112	9	2
D2500	144	12	27
D2501	113	9	6
D2502	115	9	8
D2503	117	9	9
D2504	118	9	10
D2505	119	10	1
D2506	121	10	2
D2507	122	10	3
D2508	123	11	1
D2509	124	12	1
D2510	125	12	2
D2511	125	12	3
D2512	126	12	4
D2513	126	12	5
D2514	137	12	14
D2515	127	12	7
D2516	128	12	8
D2517	130	12	9
D2518	131	12	10
D2519	133	12	11
D2520	134	12	12

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D2521	135	12	13
D2527	139	12	15
D2528	140	12	20
D2529	141	12	22
D2530	141	12	23
D2531	142	12	24
D2532	144	12	25
D2533	155	14	1
D2534	156	14	2
D2536	144	12	26
D2538	156	14	10
D2539	157	14	11
D2540	157	14	12
D2541	165	15	7
D2542	245	21	1
D2543	246	21	2
D2544	247	21	3
D2545	250	21	4
D2546	250	21	5
D2585	226	17	1
D2586	230	17	2
D2587	233	17	3
D2588	237	17	4
D2589	179	16	1
D2590	190	16	2
D2591	196	16	3
E2592	254	23	1
E2593	254	23	1
E2594	254	23	1
E2595	254	23	1
E2596	254	23	1
E2597	254	23	1
E2598	254	23	1
E2599	255	23	1
D2600	157	15	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D2601	164	15	6
D2602	145	13	1
D2604	147	13	2
D2605	148	13	3
D2606	150	13	4
D2607	150	13	4
D2608	150	13	4
D2613	146	13	1
D2614	148	13	2
D2615	151	13	4
D2645	145	13	1
D2646	147	13	2
D2654	145	13	1
D2655	146	13	2
D2656	148	13	3
D2675	149	13	3
D2676	153	13	5
D2677	155	13	7
D2678	154	13	6
D2740	225	17	1
D2740	229	17	2
D2740	232	17	3
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D2741	226	17	1
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D2741	236	17	4
D2742	226	17	1
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FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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C2753	168	15	9
D2754	168	15	9
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D2757	169	15	9
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FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: DEVICE ID INDEX

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C2832	254	21	8
D2834	166	15	9
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D2837	34	3	7
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D2882	140	12	16
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D2891	113	9	6

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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.

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

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

F24.1 Accidental release prevention requirements of Section 112(r)(7):

a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP).

b). The operator shall submit any additional relevant information requested by the Executive Officer or designated agency.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[**40CFR 68 - Accidental Release Prevention, 5-24-1996**]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

F25.1 The permit holder of this facility shall not install, alter, or operate a refinery process unit or other non-Rule 219 exempt equipment without a valid RECLAIM/Title V permit issued by the AQMD pursuant to Rule 201 - Permit to Construct, Rule 203 - Permit to Operate, Rule 2004 - Requirements, and Rule 3002 - Requirements, as applicable.

Notwithstanding the above, the provisions of Rules 201, 203, 2004, and 3002 shall not apply to installations or alterations that involve only the equipment listed in Table 1 below, nor shall they apply to the operation of equipment listed in Table 1, when directly associated with permitted process units or other permitted equipment.

Notwithstanding the above, all new equipment listed in Table 1, including associated fugitive components installed with such equipment, shall have Best Available Control Technology installed in conformance with the Best Available Control Technology Guidelines in effect at the time of the installation.

TABLE 1

(a) Heat Exchanger (including air-cooler, reboiler, cooler, condenser, and shell and tube exchanger)

(b) In-line Mixer

(c) Pump

(d) Knockout Pot - Compressor inlet (immediate inlet) and interstage

(e) Knockout Pot - Fuel Gas System (downstream of fuel gas mix drums)

This condition applies only to the facility that processes petroleum as defined in the Standard Industrial Classification Manual as Industry No. 2911 - Petroleum Refining, as well as its directly associated sulfur recovery plant which may be located outside of the facility.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[**RULE 2004, 5-11-2001;** RULE 2004, 4-6-2007]

F34.1 The operator shall not sell refinery gas containing sulfur compounds in excess of 40 ppmv, calculated as hydrogen sulfide, averaged over 4-hour period.

[**RULE 431.1, 6-12-1998**]

F52.1 This facility is subject to the applicable requirements of the following rules or regulation(s):

40CFR79

40CFR80

[**40CFR 79, 7-1-1999; 40CFR 80, 7-1-1999**]

F52.2 This facility is subject to the applicable requirements of the following rules or regulation(s):

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

40CFR61, Subpart FF

Waste management units (as defined in Subpart FF) subject to the standards of Subpart FF are identified in the equipment specific section.

Other waste management units associated with waste streams are either exempt under 2 Mg/Yr limit or under the 10 PPMV limit, and are therefore not subject to the standards of Subpart FF. To demonstrate continued exemptions, the operator shall submit a copy of the annual NESHAP for Benzene Waste Operations report sent to the EPA to the District.

Exceeding the 2 Mg/Yr limit containing greater than 10 ppmw benzene shall be a violation of Subpart FF, unless the operator has notified the AQMD and the EPA prior to the start of the new year about their plans to change to another compliance option allowed by Subpart FF regulation. The notification to the AQMD shall also address the necessary permit modifications, including submitting any additional applications, resulting from the changes to the compliance option.

[**40CFR 61 Subpart FF, 12-4-2003**]

F52.3 This facility is subject to the applicable requirements of the following rules or regulation(s):

CONSENT DECREE CIVIL NO. 2:96 CV 095 RL

CONSENT DECREE CIVIL NO. 2:96 CV 095 RL (Fourth Amendment)

40 CFR 60 Subpart A

40 CFR 61 Subpart A

40 CFR 63 Subpart A

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[**40CFR 60 Subpart A, 6-13-2007; 40CFR 61 Subpart A, 5-16-2007; 40CFR 63 Subpart A, 5-16-2007; CONSENT DECREE CIVIL NO. 2:96 CV 095 RL, 8-29-2001; CONSENT DECREE CIVIL NO. 2:96 CV 095 RL (Fourth Amendment), 10-7-2005**]

F60.1 The emission limits identified in Section D and H of the permit shall be defined as emissions discharged to the atmosphere from the originating equipment.

SYSTEM CONDITIONS

S1.1 The operator shall limit the material processed to no more than 6000 ton(s) in any one day.

For the purpose of this condition, material processed shall be defined as the total amount of petroleum coke loaded into trucks through the four load out weigh hoppers, 1A/B and 2A/B, in short tons.

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

[Systems subject to this condition : Process 2, System 12]

S2.1 The operator shall limit emissions from this system as follows

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than 2.5 lbs/mmscf of hydrogen produced

[**RULE 1189, 1-21-2000**]

[Systems subject to this condition : Process 7, System 1 , 2]

S4.3 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):

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All open-ended valves shall be equipped with cap, blind flange, plug, or a second valve.

All pressure relief valves shall be connected to closed vent system or equipped with rupture disc.

All sampling connections shall be closed-purge, closed-loop, or closed-vent system.

All process drains shall be equipped with water seal, or a closed vent system and control device complying with the requirements of 40CFR60 Subpart QQQ section 60.692-5.

[**RULE 1173, 5-13-1994;** RULE 1173, 2-6-2009; **40CFR 60 Subpart QQQ, 10-17-2000**]

[Systems subject to this condition : Process 4, System 1; Process 6, System 3]

S4.4 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):

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All components are subject to District Rule 1173 and 40CFR60, Subpart GGG.

All new components in VOC service as defined in Rule 1173, except valves and flanges shall be inspected quarterly using EPA reference method 21. All new valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new valves in VOC service shall be of leakless type, except those specifically exempted by Rule 1173 or approved by the District in writing in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where failures could pose safety hazards (e.g. drain valves with valve stems in horizontal position), retrofits with space limitations, and valves not commerically available.

For the purpose of this condition, leakless valve shall be defined as any valve equipped with sealed bellow or equivalent as approved in writing by the District prior to installation.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator may revert to a quarterly inspection program with the approval of the executive officer. This condition shall not apply to leakless valves.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

The operator shall provide to the District, no later than 90 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

removed from service. The operator shall also submit a complete, as built, piping and instrumentation diagram(s) and copies of requisition data sheet for all non-leakless type valves with a listing of tag numbers and reasons why leakless valves were not used.

[**RULE 1173, 5-13-1994;** RULE 1173, 2-6-2009; **RULE 1303(a)(1)-BACT, 5-10-1996; 40CFR 60 Subpart GGG, 6-2-2008**]

[Systems subject to this condition : Process 4, System 1; Process 6, System 3]

S7.1 The following conditions shall apply to all coke handling and related devices from this system:

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall submit an application for a permit to construct for a modification of the coke handling and storage system (Process 2 System 8) prior to the construction of this system for compliance with Rule 1158.

To comply with Rule 1158 (d)(10), the operator shall install and operate a fog spray system at each material transfer point such that the transferring of petroleum coke shall not cause any visible airborne dust at the transfer point for more than three minutes in any one hour.

If this facility is operated in violation of this condition for visible emission, the operator shall provide covers or total enclosure on all transfer points except those between the weigh hoppers and the truck trailers, for which the operator shall provide loading socks to reduce airborne dust by totally enclosing the dropping materials above the slot-top cover.

The operator shall install and operate a fog spray system at each opening of the station building. The entrance and exit of the station building for trucks shall have overlapping flaps which shall remain closed when sustained wind speed exceeds 5 miles per hour or when wind gusts exceed 25 miles per hour.

For the purpose of this condition, transfer point shall be defined as the point where petroleum coke is dropped from the conveyor into the load out bin, from the load out bin into the weigh hopper, or from the weigh hopper into the truck trailer.

[RULE 1158, 7-11-2008]

[Systems subject to this condition : Process 2, System 12]

S7.2 The following conditions shall apply to all coke handling and related devices from this system:

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall install and operate a fog spray system at each opening of the building. The entrance and exit of the building shall have doors or overlapping flaps which shall remain closed at all times except to allow vehicles to enter or leave.

The coke barn shall not be used for loading or unloading petroleum coke into or out of transporting trucks.

[RULE 1158, 7-11-2008]

[Systems subject to this condition : Process 2, System 8]

S7.3 The following conditions shall apply to all coke handling and related devices from this system:

Truck loading may only be done during periods when section(s) of its coke conveying system is undergoing emergency, breakdown, malfunction, maintenance and/or other repair conditions. Such loading operation shall not be done simultaneously with truck loading operation at Process 2, System 9 or Process 2, System 12.

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

[Systems subject to this condition : Process 2, System 8]

S7.4 The following conditions shall apply to all coke handling and related devices from this system:

Truck loading may only be done during periods when coke conveyance and/or loading system of Process 2, System 8 or Process 2, System 12 is undergoing emergency, breakdown, malfunction, maintenance and/or other repair conditions. Such loading operation shall not be done simultaneously with truck loading operation at Process 2, System 8 or Process 2, System 12.

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

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Systems subject to this condition : Process 2, System 9]

S7.5 The following conditions shall apply to all coke handling and related devices from this system:

Truck loading shall not be done simultaneously with truck loading operation at Process 2, System 8 or Process 2, System 9.

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

[Systems subject to this condition : Process 2, System 12]

S11.1 The operator shall comply with all applicable mitigation measures stipulated in the "Statement of Findings, Statement of Overriding Considerations, and Mitigation Monitoring Plan" document which is part of the AQMD Certified Final Environmental Impact Report dated 03-sep-1997 for this facility.

This condition shall only apply to equipment listed in Section H of this facility permit.

[CA PRC CEQA, 11-23-1970]

[Systems subject to this condition : Process 5, System 4]

S13.1 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	1158

[RULE 1158, 7-11-2008]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Systems subject to this condition : Process 2, System 8 , 9 , 12]

S13.2 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1123

[**RULE 1123, 12-7-1990**]

[Systems subject to this condition : Process 1, System 1 , 2 , 3 , 5 , 6; Process 2, System 1 , 2 , 3 , 5 , 6 , 11; Process 3, System 1 , 2 , 3; Process 4, System 1 , 2 , 3 , 4 , 5 , 7 , 8 , 9; Process 5, System 1 , 2 , 3 , 4 , 5; Process 6, System 1 , 2 , 3; Process 7, System 1 , 2; Process 8, System 1 , 2; Process 9, System 1 , 2 , 6 , 7 , 8 , 9 , 10; Process 10, System 1 , 2 , 3; Process 11, System 1; Process 12, System 4 , 5 , 7 , 8 , 9 , 10 , 11 , 12 , 13 , 14 , 15]

S13.3 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463
VOC	District Rule	1149
VOC	District Rule	1178

[RULE 1149, 5-2-2008; **RULE 1178, 4-7-2006; RULE 463, 5-6-2005**]

[Systems subject to this condition : Process 16, System 2 , 3]

S13.4 All devices under this system are subject to the applicable requirements of the following rules or regulations:

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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	1189

[**RULE 1189, 1-21-2000**]

[Systems subject to this condition : Process 7, System 1 , 2]

S13.5 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	464

[**RULE 464, 12-7-1990**]

[Systems subject to this condition : Process 15, System 10]

S13.6 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	464
VOC	District Rule	1176

[**RULE 1176, 9-13-1996; RULE 464, 12-7-1990**]

[Systems subject to this condition : Process 15, System 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 9]

S13.8 All devices under this system are subject to the applicable requirements of the following rules or regulations:

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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	463
VOC	District Rule	1178

[**RULE 1178, 4-7-2006; RULE 463, 5-6-2005**]

[Systems subject to this condition : Process 16, System 1]

S13.10 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
SOX	40CFR60, SUBPART	J

[**40CFR 60 Subpart J, 6-24-2008**]

[Systems subject to this condition : Process 13, System 1 , 2 , 3 , 4]

S13.11 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463
VOC	District Rule	1149
VOC	District Rule	1178

For Rule 463 applicability, only subdivision (d) in the March 11, 1994 amendment, or equivalent requirements in the future amendments, shall apply to domed external floating roof tanks. This does not preclude any requirements specified in Rule 1178.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1149, 5-2-2008; **RULE 1178, 4-7-2006; RULE 463, 5-6-2005**]

[Systems subject to this condition : Process 16, System 4]

S13.12 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176

[**RULE 1176, 9-13-1996**]

[Systems subject to this condition : Process 12, System 16 , 17]

S13.13 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
HAPs	40CFR63, SUBPART	EEEE

[**40CFR 63 Subpart EEEE, 7-28-2006**]

[Systems subject to this condition : Process 14, System 2]

S15.1 The vent gases from all affected devices of this process/system shall be vented as follows:

All acid gases under normal operating conditions shall be directed to the sulfur recovery units.

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

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Systems subject to this condition : Process 12, System 9 , 10 , 11 , 12 , 13]

S15.2 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases shall be directed to the naphtha isomerization system.

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

[Systems subject to this condition : Process 5, System 5]

S15.6 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases shall be directed to amine contactor system located within this system.

This process/system shall not be operated unless the amine contactor system is in full use and has a valid permit to receive vent gases from this system.

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

[Systems subject to this condition : Process 2, System 11; Process 3, System 2; Process 4, System 3; Process 5, System 2 , 3 , 4; Process 6, System 1 , 2; Process 8, System 2; Process 9, System 8]

S15.7 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases shall be directed to amine contactor system located within this system and the hydrocraker fractionation system.

This process/system shall not be operated unless the amine contactor system is in full use and has a valid permit to receive vent gases from this system.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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(b)(2)-Offset, 5-10-1996**]

[Systems subject to this condition : Process 5, System 1]

S15.30 The vent gases from all affected devices of this process/system shall be vented as follows:

All tail gas from the sulfur recovery unit(s) shall be vented to the tail gas unit No.1 or No.2 followed by incinerator No.1 or No.2 during normal operation. The sulfur recovery unit(s) may bypass tail gas unit No. 1 or No. 2 and vent directly to incinerator No. 1 or No. 2, only during startup/shutdown or emergency. Sour gas or tail gas shall be vented to the flare only during emergency.

All vent gases from the sulfur degassing tank shall be directed to the tail gas unit No.1 or No.2 , except during startup/shutdown or emergency.

This process/system shall not be operated unless the tail gas unit No.1 or No.2 and the incinerator No.1 or No.2 are in full use and have a valid permit to receive vent gases from this system.

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

[Systems subject to this condition : Process 13, System 1 , 2 , 3 , 4]

S15.31 The vent gases from all affected devices of this process/system shall be vented as follows:

All waste gases generated from this system shall be directed to a thermal oxidizer or fuel gas combustion device which is in full use, has a valid permit to receive vent gases from this system, and complies with all applicable rules and regulations including 40CFR60, Subpart J limits and monitoring requirements.

All waste gas generated from this system shall be considered as fuel gas as defined in 40CFR60, Subpart J. Therefore, the vent gases are, when directed to a thermal oxidizer or fuel gas combustion device, subject to the H2S limits of Subpart J.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[**40CFR 60 Subpart J, 6-24-2008**]

[Systems subject to this condition : Process 9, System 1]

S15.40 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases during normal operation shall be directed to the sour gas treating system located in the Coker Unit (Process 2, System 11).

This process/system shall not be operated unless the above equipment is in full use and has a valid permit to receive vent gases from this system.

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

[Systems subject to this condition : Process 21, System 10 , 11]

S15.41 The vent gases from all affected devices of this process/system shall be vented as follows:

All emergency vent gases shall be directed to a flare.

This process/system shall not be operated unless the above air pollution control equipment is in full use and has a valid permit to receive vent gases from this system.

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

[Systems subject to this condition : Process 21, System 10 , 11]

S15.51 The vent gases from all affected devices of this process/system shall be vented as follows:

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All vent gases under normal operating conditions shall be directed to a vapor recovery system, except Devices ID D1201, D1652, D1653, D1654 & D1655 shall be directed to the coker blowdown recovery system, and under emergency conditions, these devices shall be vented to the atmosphere.

This process/system shall not be operated unless the vapor recovery system (consisting of three compressors operated independently or concurrently at any given time) is in full use and has a valid permit to receive vent gases from this system.

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

[Systems subject to this condition : Process 16, System 3]

S18.1 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Claus Sulfur Recovery Facility "A" (Process: 13, System: 1)

Claus Sulfur Recovery Facility"B" (Process: 13, System: 2)

Claus Sulfur Recovery Facility "C" (Process: 13, System: 3)

Claus Sulfur Recovery Facility"D" (Process: 13, System: 4)

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 2011, 5-6-2005**]

[Systems subject to this condition : Process 13, System 5 , 7]

S18.5 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Methyldiethanolamine Regeneration System No. 1 (Process: 12, System: 9)

Methyldiethanolamine Regeneration System No. 2 (Process: 12, System: 10)

Methyldiethanolamine Regeneration System No.3 (Process: 12, System: 11)

Methyldiethanolamine Regeneration System No. 4 (Process: 12, System: 12)

Methyldiethanolamine Regeneration System No. 5 (Process: 12, System: 13)

North & South Sour Water Treatment Systems (Process: 12, System: 14 & 15)

Claus Tail Gas Treating Unit No. 2 (Process: 13, System: 5)

Claus Tail Gas Treating Unit No. 1 (Process: 13, System: 7)

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

[Systems subject to this condition : Process 13, System 1 , 2 , 3 , 4]

S18.6 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Crude Distillation Units (Process: 1, System: 1, 2 & 3))

Vacuum Distillation Units (Process: 1, System: 5 & 6)

Slop Oil Rerun Unit (Process: 1, System: 7)

Coking Units (Process: 2, System: 1 & 2)

Coker Blowdown Facility (Process: 2, System: 3)

Coker Gas Compression Systems (Process: 2, System: 5 & 6)

Coker Gas Treating Unit (Process: 2, System: 11)

Fluid Catalytic Cracking Unit (Process: 3, System: 1 & 2)

FCCU Gas Compression & Hydrogen Sulfide Removal Unit (Process: 3, System: 3)

FCCU Catalyst Handling Facility (Process: 3, System: 4)

Propylene Tetramer Unit (Process: 3, System: 6)

FCCU Heaters (Process: 3, System: 7)

Superfractionation Unit (Process: 4, System: 1)

Naphtha Splitter Unit (Process: 4, System: 2)

Light Ends Depropanizer Units (Process: 4, System: 3 & 4)

North Area Deisobutanizer Unit (Process: 4, System: 5)

Coker Gasoline Fractionation Unit (Process: 4, System: 7)

Liquid Recovery Unit (Process: 4, System: 8)

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Propane/Propylene Splitter Unit (Process: 4, System: 9)

Jet Fuel Hydrotreating Unit (Process: 5, System: 1)

Mid-Barrel Desulfurizer Unit (Process: 5, System: 2)

Fluid Feed HDS Unit (Process: 5, System: 3)

Light Gasoline Hydrogenation unit (Process: 5, System: 4)

Naphtha HDS Unit (Process: 5, System: 5)

Catalytic Reformer Units (Process: 6, System: 1, 2 & 3)

Hydrogen Plant (Process: 7, System: 1)

Hydrogen Unit No. 2 (Process: 7, System: 2)

Hydrocracking Units (Process: 8, System: 1 & 2)

C4 Alkylation Unit (Process: 9, System: 1)

Catalytic Polymerization Unit (Process: 9, System: 2)

C5 Alky Depentanizer Unit (Process: 9, System: 6)

Naphtha Isomerization Unit (Process: 9, System: 8)

Iso-Octene Unit (Process: 9, System: 9)

Butane Isomerization Unit (Process: 9, System: 10)

Fuel Gas Mix System (Process: 10, System: 1)

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

LPG Recovery System (Process: 10, System: 2)

Liquid Petroleum Gas Drying Facility (Process: 10, System: 3)

Gasoline Blending Unit (Process: 11, System: 1)

Petreco Stove Oil-Treaters No. 1, 2 & 4 (Process: 12, System: 1, 2 & 3)

Catalytic Rerun Gasoline Treating Unit (Process: 12, System: 4)

Straight Run Gasoline Treating Unit (Process: 12, System: 5)

Fixed Bed Merox Treating Unit (Process: 12, System: 7)

UOP Merox Treating Unit (Process: 12, System: 8)

MDEA Regeneration Systems No. 1, 2, 3, 4 & 5 (Process: 12, System: 9, 10, 11, 12 & 13)

North & South Sour Water Treatment Systems (Process: 12, System: 14 & 15)

Sour Water Treater (Process: 12, System: 16)

Sour Water Oxidizer No. 3 (Process: 12, System: 17)

Spent Caustic Separation System (Process: 12, System: 20)

Diesel Oil Dehazing Facility (Process: 12, System: 22)

Refinery Gas Treating Units (Process: 12, System: 24 & 25)

Spent Acit Storage Facility (Process: 12, System: 27)

Mixed Light Ends Tank Car Loading/Unloading (Process: 14, System: 2)

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

LPG Tank Truck Loading/Unloading Rack (Process: 14, System: 10)

LPG Rail Car Load/Unloading Rack (Process: 14, System: 11)

Oil Water Treating (Benzene Neshaps) System (Process: 15, System: 7)

Waste Oil Recovery Unit (Process: 15, System: 8)

Fixed Roof Tanks (Process: 16, System: 1)

Pressurized Tanks (Process: 16, System: 3)

No. 4 Steam Plant (Process: 18, System: 1)

South Area Flare System (Process: 21, System: 1)

FCCU Flare System (Process: 21, System: 2)

Refinery Vapor Recovery System (Process: 21, System: 4)

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

[Systems subject to this condition : Process 21, System 4]

S18.7 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Crude Distillation Units (Process: 1, System: 1, 2 & 3))

Vacuum Distillation Units (Process: 1, System: 5 & 6)

Slop Oil Rerun Unit (Process: 1, System: 7)

Coking Unit (Process: 2, System: 2)

Coker Blowdown Facility (Process: 2, System: 3)

Coker Gas Compression System (Process: 2, System: 5)

Superfractionation Unit (Process: 4, System: 1)

Naphtha Splitter Unit (Process: 4, System: 2)

Naphtha HDS Unit (Process: 5, System: 5)

C5 Alky Depentanizer Unit (Process: 9, System: 6)

Naphtha Isomerization Unit (Process: 9, System: 8)

MDEA Regeneration Systems No. 1, 2, 3, 4 & 5 (Process: 12, System: 9, 10, 11, 12 & 13)

North & South Sour Water Treatment Systems (Process: 12, System: 14 & 15)

Oil Water Treating (Benzene Neshaps) System (Process: 15, System: 7)

Pressurized Tanks (Process: 16, System: 3)

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

[Systems subject to this condition : Process 2, System 6]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S18.8 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Delayed Coking Unit No. 1 (Process: 2, System: 1)

Delayed Coking Unit No. 2 (Process: 2, System: 2)

Blowdown Gas Compression System (Process: 2, System: 6)

Superfractionation Unit (Process: 4, System: 1)

Coker Gasoline Fractionation Unit (Process: 4, System: 7)

Naphtha HDS Unit (Process: 5, System: 5)

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

[Systems subject to this condition : Process 2, System 5]

S18.9 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Delayed Coker Gas Compression Unit (Process: 2, System: 5)

Coker Gasoline Fractionation Unit (Process: 4, System: 7)

Naphtha HDS Unit (Process: 5, System: 5)

C4 Alkylation Unit (Process: 9, System: 1)

Flare Gas Recovery System (Process: 21, System: 10 & 11))

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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(b)(2)-Offset, 5-10-1996**]

[Systems subject to this condition : Process 2, System 11]

S31.1 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 410695 and 400672:

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All open-ended valves shall be equipped with cap, blind flange, plug, or a second valve.

All pressure relief valves shall be connected to closed vent system or equipped with rupture disc.

All sampling connections shall be closed-purge, closed-loop, or closed-vent system.

All components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. A leak greater than 1,000 ppm shall be repaired according to Rule 1173.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator may revert to a quarterly inspection program with the approval of the executive officer. This condition does not apply to leakless valves.

All valves in VOC service shall be of leakless type, except those specifically exempted by Rule 1173 or approved by the District in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where failures could pose safety hazards (e.g. drain valves with valve stems in horizontal position), retrofits with space limitations, and valves not commercially available.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

The operator shall provide to the District, no later than 90 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a complete, as built, piping and instrumentation diagram(s) and copies of requisition data sheets for all non-leakless type valves with a listing of tag numbers and reasons why leakless valves were not used.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All process drains shall be equipped with water seal, or a closed vent system and control device complying with the requirements of 40CFR60 Subpart QQQ Section 60.692-5.

For the purpose of this condition, leakless valve shall be defined as any valve equipped with sealed bellow or equivalent as approved in writing by the District prior to installation. Components shall be defined as any valve, flange, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All components in VOC service, except valves and flanges shall be inspected quarterly using EPA reference method 21. All valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

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

[Systems subject to this condition : Process 5, System 4; Process 9, System 1]

S31.2 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 397243:

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All open-ended valves shall be equipped with cap, blind flange, plug, or a second valve.

All pressure relief valves shall be connected to closed vent system or equipped with rupture disc.

All process drains shall be equipped with water seal, or a closed vent system and control device complying with the requirements of 40CFR60 Subpart QQQ Section 60.692-5.

All sampling connections shall be closed-purge, closed-loop, or closed-vent system.

All valves in VOC service shall be of leakless type, except those specifically exempted by Rule 1173 or approved by the District in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where failures could pose safety hazards (e.g. drain valves with valve stems in horizontal position), retrofits with space limitations, and valves not commercially available.

For the purpose of this condition, leakless valve shall be defined as any valve equipped with sealed bellow or equivalent as approved in writing by the District prior to installation. Components shall be defined as any valve, flange, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All components in VOC service, except valves and flanges shall be inspected quarterly using EPA reference method 21. All valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. A leak greater than 1,000 ppm shall be repaired according to Rule 1173.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator may revert to a quarterly inspection program with the approval of the executive officer. This condition does not apply to leakless valves.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

The operator shall provide to the District, no later than 90 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a complete, as built, piping and instrumentation diagram(s) and copies of requisition data sheets for all non-leakless type valves with a listing of tag numbers and reasons why leakless valves were not used.

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

[Systems subject to this condition : Process 3, System 2]

S31.3 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 397244:

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All open-ended valves shall be equipped with cap, blind flange, plug, or a second valve.

All pressure relief valves shall be connected to closed vent system or equipped with rupture disc.

All process drains shall be equipped with water seal, or a closed vent system and control device complying with the requirements of 40CFR60 Subpart QQQ Section 60.692-5.

All sampling connections shall be closed-purge, closed-loop, or closed-vent system.

All valves in VOC service shall be of leakless type, except those specifically exempted by Rule 1173 or approved by the District in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where failures could pose safety hazards (e.g. drain valves with valve stems in horizontal position), retrofits with space limitations, and valves not commercially available.

For the purpose of this condition, leakless valve shall be defined as any valve equipped with sealed bellow or equivalent as approved in writing by the District prior to installation. Components shall be defined as any valve, flange, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All components in VOC service, except valves and flanges shall be inspected quarterly using EPA reference method 21. All valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. A leak greater than 1,000 ppm shall be repaired according to Rule 1173.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator may revert to a quarterly inspection program with the approval of the executive officer. This condition does not apply to leakless valves.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

The operator shall provide to the District, no later than 90 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a complete, as built, piping and instrumentation diagram(s) and copies of requisition data sheets for all non-leakless type valves with a listing of tag numbers and reasons why leakless valves were not used.

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

[Systems subject to this condition : Process 9, System 2]

S31.4 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 427414:

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

For the purpose of this condition, leakless valve shall be defined as any valve equipped with sealed bellow or equivalent as approved in writing by the District prior to installation. Components shall be defined as any valve, flange, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

All process drains shall be equipped with water seal, or a closed vent system and control device complying with the requirements of 40CFR60 Subpart QQQ Section 60.692-5.

All components in VOC service, except valves and flanges shall be inspected quarterly using EPA reference method 21. All valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator may revert to a quarterly inspection program with the approval of the executive officer. This condition does not apply to leakless valves.

All valves in VOC service shall be of leakless type, except those specifically exempted by Rule 1173 or approved by the District in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where failures could pose safety hazards (e.g. drain valves with valve stems in horizontal position), retrofits with space limitations, and valves not commercially available.

The operator shall provide to the District, no later than 90 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a complete, as built, piping and instrumentation diagram(s) and copies of requisition data sheets for all non-leakless

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

type valves with a listing of tag numbers and reasons why leakless valves were not used.

All open-ended valves shall be equipped with cap, blind flange, plug, or a second valve.

All pressure relief valves shall be connected to closed vent system or equipped with rupture disc.

All sampling connections shall be closed-purge, closed-loop, or closed-vent system.

All components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. A leak greater than 1,000 ppm shall be repaired according to Rule 1173.

All components are subject to 40CFR60, Subpart GGG

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

[Systems subject to this condition : Process 9, System 9]

S31.5 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 425810:

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

For the purpose of this condition, leakless valve shall be defined as any valve equipped with sealed bellow or equivalent as approved in writing by the District prior to installation. Components shall be defined as any valve, flange, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

All components in VOC service, except valves and flanges shall be inspected quarterly using EPA reference method 21. All valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator may revert to a quarterly inspection program with the approval of the executive officer. This condition does not apply to leakless valves.

All valves in VOC service shall be of leakless type, except those specifically exempted by Rule 1173 or approved by the District in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where failures could pose safety hazards (e.g. drain valves with valve stems in horizontal position), retrofits with space limitations, and valves not commercially available.

The operator shall provide to the District, no later than 90 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a complete, as built, piping and instrumentation diagram(s) and copies of requisition data sheets for all non-leakless type valves with a listing of tag numbers and reasons why leakless valves were not used.

All open-ended valves shall be equipped with cap, blind flange, plug, or a second

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

valve.

All pressure relief valves shall be connected to closed vent system or equipped with rupture disc.

All sampling connections shall be closed-purge, closed-loop, or closed-vent system.

All components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. A leak greater than 1,000 ppm shall be repaired according to Rule 1173.

All components are subject to 40CFR60, Subpart GGG

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

[Systems subject to this condition : Process 1, System 5]

S31.6 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 434526,434527,434528,436040, 436041 and 454560:

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall provide to the District, no later than 60 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The valves and flanges shall be categorized by size and service. The operator shall submit a listing of all new non-bellows seal valves which shall be categorized by tag no., size, type, operating temperature, operating pressure, body material, application, and reasons why bellows seal valves were not used

All new valves in VOC service, except those specifically exempted by Rule 1173 and those in heavy liquid service as defined in Rule 1173, shall be bellows seal valves, except as approved by the District, in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g., drain valves with valve stems in horizontal position), retrofits/special applications with space limitations, and valves not commercially available

All new valves and major components in VOC service as defined by Rule 1173, except those specifically exempted by Rule 1173 and those in heavy liquid service as defined in Rule 1173, shall be distinctly identified from other components through their tag numbers (e.g., numbers ending in the letter "N"), and shall be noted in the records

All new components in VOC service as defined in Rule 1173, except valves and flanges, shall be inspected quarterly using EPA reference Method 21. All new valves and flanges in VOC service, except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21

If 98.0 percent or greater of the new (non-bellows seal) valves and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppmv for two consecutive months, then the operator may change to a quarterly inspection program with the approval of the District

The operator shall revert from quarterly to monthly inspection program if less than 98.0 percent of the new (non-bellows seal) valves and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppmv

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All new components in VOC service with a leak greater than 500 ppmv but less than 1,000 ppmv, as methane, measured above background using EPA Method 21 shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief valve, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173

The operator shall keep records of the monthly inspection (quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District. Records shall be kept and maintained for at least five years, and shall be made available to the Executive Officer or his authorized representative upon request.

The operator shall replace 4 additional existing valves in VOC service with bellow sealed valves to offset the emission increase from the modification to the above referenced applications. The operator shall submit to the District within 90 days of startup, copies of the as-built piping and instrumentation diagram identifying the replacement valves and copies of requisition data sheet for the new bellow sealed valves. The additional valves to be replaced shall include the following valves with Rule 1173 tag numbers: NESHAP 1351, 1352, 1354, and 1355

All open-ended valves shall be equipped with cap, blind flange, plug, or a second valve.

All pressure relief valves shall be connected to closed vent system or equipped with rupture disc.

All sampling connections shall be closed-purge, closed-loop, or closed-vent system.

All components are subject to 40CFR60, Subpart GGG

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

[Systems subject to this condition : Process 2, System 6; Process 12, System 14 , 15; Process 21, System 4]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S31.9 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 450816, 450822, 450823, 450824, 450840, 450841, 502189, 502190:

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All open-ended valves shall be equipped with cap, blind flange, plug, or a second valve

All pressure relief valves shall be connected to closed vent system or equipped with rupture disc

All new process drains installed as a result of this project shall be equipped with a water seal

All sampling connections shall be closed-purge, closed-loop, or closed-vent system

All new valves in VOC service installed as a result of this project shall be of leakless type, except those specifically exempted by Rule 1173 or approved by the District in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where failures could pose safety hazards (e.g. drain valves with valve stems in horizontal position), retrofits with space limitations, and valves not commercially available

For the purpose of this condition, leakless valve shall be defined as any valve equipped with sealed bellow or equivalent as approved in writing by the District prior to installation. Components shall be defined as any valve, flange, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173

All accessible pumps, compressors, and atmospheric PRDs shall be audio-visually inspected once per 8 hr shift. All accessible components in light liquid/gas/vapor and pumps in heavy liquid service shall be inspected quarterly, except for pumps in light liquid service and valves in gas/vapor or light liquid service which shall be inspected monthly when required per CFR60 Subpart GGG. All inaccessible or difficult to monitor components in light liquid/gas/vapor service shall be inspected annually

The following leaks shall be repaired within 7 calendar days - All light liquid/gas/vapor components leaking at a rate of 500 to 10,000 ppm, heavy liquid components leaking at a rate of 100 to 500 ppm or greater than 3 drops/minute, unless otherwise extended as allowed under Rule 1173. The following leaks shall be repaired within 2 calendar days - any leak between 10,000 to 25,000 ppm, any

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

atmospheric PRD leaking at a rate of 200 to 25,000 ppm, unless otherwise extended as allowed under Rule 1173

The following leaks shall be repaired with in 1 calendar day - any leak greater than 25,000 ppm, heavy liquid leak greater than 500 ppm, or light liquid leak greater than 3 drops per minute

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, the operator may revert to a quarterly inspection program with the approval of the executive officer. This condition does not apply to leakless valves

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District

The operator shall provide to the District, no later than 90 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a complete, as built, piping and instrumentation diagram(s) and copies of requisition data sheets for all non-leakless type valves with a listing of tag numbers and reasons why leakless valves were not used

[**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]

[Systems subject to this condition : Process 3, System 1 , 2 , 3; Process 5, System 3; Process 8, System 1 , 2; Process 21, System 2]

S31.10 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 454566, 454567, 454568, 458598, 458600, 458610, 459257, 459284 & 459286:

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall provide to the District, no later than 90 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The valves and flanges shall be categorized by size and service. The operator shall submit a listing of all new non-bellows seal valves which shall be categorized by tag no., size, type, operating temperature, operating pressure, body material, application, and reasons why bellows seal valves were not used

All new valves in VOC service, except those specifically exempted by Rule 1173 and those in heavy liquid service as defined in Rule 1173, shall be belows seal valves, except as approved by the District, in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g., drain valves with valve stems in horizotal position), retrofits/special applications with space limitations, and valves not commercially available

All new valves and major components in VOC service as defined by Rule 1173, except those specifically exempted by Rule 1173 and those in heavy liquid service as defined in Rule 1173, shall be distinctly identified from other components through their tag numbers (e.g., numbers ending in the letter "N"), and shall be noted in the records

All new components in VOC service as defined in Rule 1173, except valves and flanges, shall be inspected quarterly using EPA reference Method 21. All new valves and flanges in VOC service, except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21

If 98.0 percent or greater of the new (non-bellows seal) valves and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppmv for two consecutive months, then the operator may change to a quarterly inspection program with the approval of the District

The operator shall revert from quarterly to monthly inspection program if less than 98.0 percent of the new (non-bellows seal) valves and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppmv

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All new components in VOC service with a leak greater than 500 ppmv but less than 1,000 ppmv, as methane, measured above background using EPA Method 21 shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief valve, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173

The operator shall keep records of the monthly inspection (quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District. Records shall be kept and maintained for at least five years, and shall be made available to the Executive Officer or his authorized representative upon request.

All open-ended valves shall be equipped with cap, blind flange, plug, or a second valve.

All pressure relief valves shall be connected to a closed vent system or equipped with a rupture disc and telltale indicator

All pumps shall utilize double seals and be connected to a closed vent system.

All compressors to have a seal system with a higher pressure barrier fluid.

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

[Systems subject to this condition : Process 2, System 11; Process 10, System 1; Process 21, System 1 , 2 , 3 , 5 , 6 , 10 , 11]

S42.1 The operator shall not operate the FCCU unless the operator complies with the emission limits of the following rules::

Contaminant	Rule	Rule Subpart
PM10	District Rule	1105.1
NH3	District Rule	1105.1

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

If the operator fails to comply with any of the terms and conditions listed below, the operator shall be subject to the compliance deadlines as specified in Rule 1105.1(d)(1).

1. Award contract(s) to construct and install the control technology by May 1, 2006
2. Commence construction phase of the control technology permitted by AQMD for compliance with Rule 1105.1(d)(1) by the latter of November 30, 2006, or within 30 days of receiving the permit. These dates may be extended in writing by the Executive Officer upon a request by BP West Coast Products, LLC if the CEQA document is not finalized by October 31, 2006. Such extension(s) shall not be for a period more than five months after the original deadline listed in this paragraph
3. Start operation of the control technology permitted to insure compliance with Rule 1105.1(d)(1) by August 15, 2008
4. Comply with all Rule 1105.1(d)(1) requirements no later than August 31, 2008

[**RULE 1105.1, 11-7-2003**]

[Systems subject to this condition : Process 3, System 1 , 5]

S46.1 The following conditions shall apply to VOC service fugitive components in this system:

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

For the purpose of this condition, leakless valve shall be defined as any valve equipped with sealed bellow or equivalent as approved in writing by the District prior to installation. Components shall be defined as any valve, flange, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

For the purpose of this condition, existing component shall be defined as any component that was installed under a permit to construct/operate that was issued prior to June 1, 1993. New component shall be defined as any component that was installed or modified under a permit to construct that was issued between June 1, 1993 and December 27, 2001.

All new valves in VOC service shall be of leakless type, except those specifically exempted by Rule 1173 or approved by the District in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where failures could pose safety hazards (e.g. drain valves with valve stems in horizontal position), retrofits with space limitations, and valves not commercially available.

All new valves and new major components, as defined in Rule 1173, shall be physically identified in the field with special marking that distinguishes the components from existing. Additionally all new components shall be distinctly identified from existing components through their tag numbers (e.g. numbers ending in the letter "N"), and shall be noted in the records.

All new components in VOC service with a leak greater than 500 ppm but less than 1,000 ppm, as methane, measured above background using EPA Method 21, shall be repaired within 14 days of detection. A leak greater than 1,000 ppm shall be repaired according to Rule 1173.

All new pressure relief valves shall be connected to closed vent system or equipped with rupture disc.

All new sampling connections shall be closed-purge, closed-loop, or closed-vent system.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All components are subject to 40CFR60, Subpart GGG.

[**RULE 1173, 5-13-1994;** RULE 1173, 2-6-2009; **RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; 40CFR 60 Subpart GGG, 6-2-2008**]

[Systems subject to this condition : Process 1, System 1 , 2 , 3 , 6; Process 2, System 1 , 2; Process 3, System 3; Process 4, System 2 , 8 , 9; Process 5, System 3 , 5; Process 6, System 1; Process 7, System 1 , 2; Process 9, System 1 , 6 , 8 , 9 , 10; Process 12, System 8]

S46.2 The following conditions shall apply to VOC service fugitive components in this system:

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

For the purpose of this condition, leakless valve shall be defined as any valve equipped with sealed bellow or equivalent as approved in writing by the District prior to installation. Components shall be defined as any valve, flange, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

For the purpose of this condition, existing component shall be defined as any component that was installed under a permit to construct/operate that was issued prior to June 1, 1993. New component shall be defined as any component that was installed or modified under a permit to construct that was issued between June 1, 1993 and December 27, 2001.

The operator shall provide to the District, no later than August 29, 2003, a complete, as built, process instrumentation diagram(s) with a listing showing by functional grouping, location, type, accessibility, and application of each new valve in VOC service. The operator shall provide copies of requisition data sheets for all non-leakless type valves with a listing of tag numbers and reasons why leakless valves were not used.

The operator shall provide to the District, no later than August 29, 2003, a list of the following components broken down into the categories contained in District Form E-18A entitled "Fugitive Component Count": existing components, new components proposed to be installed under applicable permit(s) to construct, and new components that were actually installed under applicable permit(s) to construct.

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

[Systems subject to this condition : Process 1, System 1 , 2 , 3 , 6; Process 2, System 1 , 2; Process 3, System 3; Process 4, System 2 , 8 , 9; Process 5, System 3 , 5; Process 6, System 1; Process 7, System 1 , 2; Process 9, System 1 , 6 , 8 , 9 , 10; Process 12, System 8; Process 14, System 2 , 10 , 11 , 12; Process 16, System 3]

S46.3 The following conditions shall apply to VOC service fugitive components in this system:

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

For the purpose of this condition, leakless valve shall be defined as any valve equipped with sealed bellow or equivalent as approved in writing by the District prior to installation. Components shall be defined as any valve, flange, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

For the purpose of this condition, existing component shall be defined as any component that was installed under a permit to construct/operate that was issued prior to June 1, 1993. New component shall be defined as any component that was installed or modified under a permit to construct that was issued between June 1, 1993 and December 27, 2001.

All new valves in VOC service shall be of leakless type, except those specifically exempted by Rule 1173 or approved by the District in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where failures could pose safety hazards (e.g. drain valves with valve stems in horizontal position), retrofits with space limitations, and valves not commercially available.

All new valves and new major components, as defined in Rule 1173, shall be physically identified in the field with special marking that distinguishes the components from existing. Additionally all new components shall be distinctly identified from existing components through their tag numbers (e.g. numbers ending in the letter "N"), and shall be noted in the records.

All new components in VOC service with a leak greater than 500 ppm but less than 1,000 ppm, as methane, measured above background using EPA Method 21, shall be repaired within 14 days of detection. A leak greater than 1,000 ppm shall be repaired according to Rule 1173.

All new pressure relief valves shall be connected to closed vent system or equipped with rupture disc.

All new sampling connections shall be closed-purge, closed-loop, or closed-vent system.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[**RULE 1173, 5-13-1994;** RULE 1173, 2-6-2009; **RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996**]

[Systems subject to this condition : Process 14, System 2 , 10 , 11 , 12; Process 16, System 3]

S53.1 The following conditions shall apply to the equipment in this system:

During startup or shutdown of the sulfur recovery unit(s), when tail gas units are bypassed, sour gas shall not be processed by the sulfur recovery unit(s). Sour gas shall be introduced to sulfur recovery unit(s) only when they are lined up to tail gas unit No. 1 or 2.

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

[Systems subject to this condition : Process 13, System 1 , 2 , 3 , 4]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S56.1 Vent gases from all affected devices of this process/system shall be directed to a gas recovery system, except for venting from those equipment specifically indicated in a permit condition, and for the following vent gases which may be directed to a flare:

1) Vent gases during an emergency as defined in Rule 1118(b)(2) ;

2) Vent gases during startups or shutdowns as defined in Rule 1118(b)(21) and (b)(19), respectively, provided that all flares have been operated in accordance with flaring minimization procedures as described in Rule 1118(c)(4); and

3) Vent gas due to essential operating need, as defined in Rule 1118(b)(4)(A) that would result in a temporary fuel gas system imbalance, or as defined in Rule 1118(b)(4)(C) that would result in streams that cannot be recovered due to incompatibility with recovery system equipment or with refinery fuel gas systems, provided that all flares have been operated in accordance with flaring minimization procedures as described in Rule 1118(c)(4).

The flaring minimization procedures and any subsequent changes shall be submitted to the District as described in Rule 1118(c)(3).

This process/system shall not be operated unless its designated flare(s) and the gas recovery system are both in full use and have valid permits to receive vent gases from this system.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Vent gases shall not be released to the atmosphere except from the existing safety devices or relief valves on the following equipment:

1. Process 1, System 2: 10, 12, 14
2. Process 1, System 3: 19, 20, 24 to 26
3. Process 1, System 5: 35, 39, 41, 42, 2726
4. Process 1, System 6: 43, 49, 57, 58
5. Process 1, System 7: 59, 60, 61, 62
6. Process 2, System 1: 74, 77, 2388
7. Process 2, System 2: 82, 89, 90, 92, 2389
8. Process 2, System 3: 94, 95
9. Process 2, System 5: 98, 101, 102
10. Process 2, System 6: 111, 112, 113
11. Process 2, System 11: 159, 160
12. Process 3, System 1: 164 to 167, 170, 172 to 181, 184, 1336 to 1349, 2382, 2387
13. Process 3, System 2: 186, 188, 189, 191, 196, 199, 201, 204, 1352 to 1355
14. Process 3, System 4: 241
15. Process 3, System 6: 242, 245 to 247, 249
16. Process 3, System 7: 1363
17. Process 4, System 1: 253 to 256, 258, 262, 265, 268, 277, 278, 283. 287, 1364, 1366, 1367, 1372, 1374 to 1376, 1378 to 1381
18. Process 4, System 2: 291, 1400 to 1403
19. Process 4, System 3: 292, 293, 299
20. Process 4, System 4: 302, 304
21. Process 4, System 5: 308, 310, 311
22. Process 4, System 7: 1975, 1977, 1980
23. Process 5, System 1: 314 to 317, 319, 320, 323 to 332
24. Process 5, System 2: 335 to 338, 340, 343, 348 to 353
25. Process 5, System 3: 356, 360, 1413
26. Process 5, System 4: 401, 406, 407, 412, 414

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

27. Process 6, System 1: 426, 427, 429, 431, 434 to 437, 440, 444, 445, 451, 454 to 456, 458, 460
28. Process 6, System 2: 462, 469, 474 to 481, 483, 486
29. Process 6, System 3: 490, 494, 495, 498, 501, 503, 506, 507, 509, 510, 512, 513, 518, 520, 521, 525 to 528
30. Process 7, System 1: 542 to 548, 550, 552 to 558, 560, 562 to 569
31. Process 7, System 2: 2892, 2893
32. Process 8, System 1: 593 to 597
33. Process 8, System 2: 608, 610, 612 to 614, 622, 624
34. Process 9, System 1: 631, 632, 638 to 652, 659 to 663, 666 to 668, 1482, 1483, 1486 to 1488, 1491, 1493 to 1495, 1497 to 1502, 1528, 1533 to 1536, 2019
35. Process 9, System 2: 672 to 681, 685
36. Process 9, System 9: 637, 653, 656, 658, 664
37. Process 10, System 1: 706
38. Process 10, System 2: 709, 711 to 715, 720, 721
39. Process 10, System 3: 725
40. Process 11, System 1: 730
41. Process 12, System 1: 756, 759
42. Process 12, System 2: 760 to 762, 764
43. Process 12, System 3: 765 to 770
44. Process 12, System 4: 771, 772, 774
45. Process 12, System 8: 785, 790, 2365, 2366
46. Process 12, System 9: 794, 797 to 799
47. Process 12, System 10: 806
48. Process 12, System 12: 815, 818
49. Process 12, System13: 823, 826, 828
50. Process 12, System 16: 830
51. Process 12, System 22: 853, 854
52. Process 12, System 24: 860, 861, 863, 864, 865
53. Process 12, System 25: 866, 867, 869, 870, 871, 2003
54. Process 12, System 27: 873 to 875
55. Process 15, System 7: 1644 to 1646, 1648, 1649
56. Process 16, System 3: 1986, 2115 to 2120, 2353, 2394
57. Process 21, System 1: 1304
58. Process 21, System 2: 1307

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

59. Process 21, System 4: 1315, 1316, 1319, 1323 to 1325, 1659

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

[Systems subject to this condition : Process 1, System 1 , 2 , 3 , 5 , 6 , 7; Process 2, System 1 , 2 , 3 , 5 , 6 , 11; Process 3, System 1 , 2 , 3 , 4 , 6 , 7; Process 4, System 1 , 2 , 3 , 4 , 5 , 7 , 8 , 9; Process 5, System 1 , 2 , 3 , 4 , 5; Process 6, System 1 , 2 , 3; Process 7, System 1 , 2; Process 8, System 1 , 2; Process 9, System 1 , 2 , 6 , 7 , 8 , 9 , 10; Process 10, System 1 , 2 , 3; Process 11, System 1; Process 12, System 1 , 2 , 3 , 4 , 5 , 7 , 8 , 9 , 10 , 11 , 12 , 13 , 16 , 20 , 22 , 24 , 25 , 27; Process 14, System 2 , 10 , 11; Process 15, System 7; Process 16, System 3; Process 18, System 1; Process 21, System 1 , 2 , 4]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S58.1 The South Area Flare Gas Recovery System and North Area Flare Gas Recovery System shall only be used to receive and handle vent gases from the following Process(es) and System(s):

No. 1 Crude Unit (Process: 1, System: 1)
Coking Units (Process: 2, System: 1 & 2)
Coker Blowdown Facility (Process: 2, System: 3)
Coker Gas Compression & Absorption Unit (Process: 2, System: 5)
Blowdown Gas Compression System (Process: 2, System: 6)
Coker Gas Treating / H2S Absorption Unit (Process: 2, System: 11)
Fluid Catalytich Cracking Units (Process: 3, System: 1, 2 & 3)
Propylene Tetramer Unit (Process: 3, System: 6)
Superfractionation Unit (Process: 4, System: 1)
Naphtha Splitter Unit (Process: 4, System: 2)
Light Ends Depropanizer Unit (Process: 4, System: 3)
Straight Run Light Ends Depropanizer Unit (Process: 4, System: 4)
North Area Deisobutanizer Unit (Process: 4, System: 5)
Coker Gasoline Fractionation Unit (Process: 4, System: 7)
Liquid Recovery Unit (Process: 4, System: 8)
C3 Splitter Unit (Process: 4, System: 9)
Jet Fuel Hydrotreating Unit (Process: 5, System: 1)
Mid-Barrel Desulfurizer Unit (Process: 5, System: 2)
Fluid Feed HDS Unit (Process: 5, System: 3)
Light Gasoline Hydrogenation Unit (Process: 5, System: 4)
Naphtha HDS Unit (Process: 5, System: 5)
Naphtha HDS Reactor Heater (Process: 5, System: 6)
Catalytic Reformer Units (Process: 6, System: 1, 2 & 3)
Hydrogen Plants (Process: 7, System: 1 & 2)
Hydrocracking Units (Process: 8, System: 1 & 2)

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Alkylation Unit (Process: 9, System: 1)
Catalytic Polymerization Unit (Process: 9, System: 2)
C5 Alkylation Depentanizer Unit (Process: 9, System: 6)
C5 Alkylation Unit (Process: 9, System: 7)
Naphtha Isomerization Unit (Process: 9, System: 8)
Iso-Octene Unit (Process: 9, System: 9)
Butane Isomerization Unit (Process: 9, System: 10)
Fuel Gas Mix System (Process: 10, System: 1)
LPG Recovery System (Process: 10, System: 2)
Liquid Petroleum Gas Drying Facilities (Process: 10, System: 3)
UOP Merox Unit (Process: 12, System: 8)
MDEA Regeneration Units (Process: 12, System: 9, 10, 11, 12 & 13)
North & South Sour Water Treatment Systems (Process: 12, System: 14 & 15)
Sulfur Recovery Units (Process: 13, System: 1, 2, 3 & 4)
Claus Tail Gas Treating Units (Process: 13, System: 5 & 7)
LPG Tank Truck Loading/Unloading Rack (Process: 14, System: 10)
LPG Rail Car Loading/Unloading Rack (Process: 14, System: 11)
Refinery Vapor Recovery System (Process: 21, System: 4)

The flare gas recovery system shall be operated in full use when any of the above Process(es) and System(s) is in operation. Full use means one of two compressor trains (Process 21, System 10 and Process 21, System 11) is online at any given time, except during planned startups or shutdowns when both compressors trains shall be online.

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

[Systems subject to this condition : Process 21, System 10 , 11]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S58.2 South Area Flare System shall only be used to receive and handle vent gases from the following Process(es) and System(s):

Coking Units (Process: 2, System: 1 & 2)
Coker Blowdown Facility (Process: 2, System: 3)
Coker Gas Compression & Absorption Unit (Process: 2, System: 5)
Blowdown Gas Compression System (Process: 2, System: 6)
Coker Gas Treating/H2S Absorption Unit (Process: 2, System: 11)
Fluid Catalytic Cracking Units (Process: 3, System: 1, 2 & 3)
Propylene Tetramer Unit (Process: 3, System: 6)
Superfractionation Unit (Process: 4, System 1)
Naphtha Splitter Unit (Process: 4, System: 2)
Light Ends Depropanizer Unit (Process: 4, System: 3)
Straight Run Light Ends Depropanizer Unit (Process: 4, System: 4)
North Area Deisobutanizer Unit (Process: 4, System: 5)
Coker Gasoline Fractionation Unit (Process: 4, System: 7)
Liquid Recovery Unit (Process: 4, System: 8)
Light Gasoline Hydrogenation Unit (Process: 5, System: 4)
Catalytic Reformer Units (Process: 6, System: 1, 2, & 3)
Alkylation Uit (Process: 9, System: 1)
Iso-Octene Unit (Process: 9, System: 9)
MDEA Regeneration Units (Process: 12, System: 9, 10, 11, 12, & 13)
North & South Sour Water Treatment Systems (Process: 12, System: 14 & 15)
Sulfur Recovery Units (Process: 13, System: 1, 2, 3, & 4)
Claus Tail Gas Treating Units (Process: 13, System: 5 & 7)
Mixed Light Ends Tank Car Loading/Unloading (Process: 14, System: 2)
Refinery Vapor Recovery System (Process: 21, System: 4)
South Area Flare Gas Recovery System (Process: 21, System: 10)
North Area Flare Gas Recovery System (Process: 21, System: 11)

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The flare gas recovery system shall be operated in full use when any of the above Process(es) and System(s) is in operation. Full use means one of two compressor trains (Process 21, System 10 and Process 21, System 11) is online at any given time, except during planned startups or shutdowns when both compressors trains shall be online.

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

[Systems subject to this condition : Process 21, System 1]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S58.3 Fluid Catalytic Cracking Unit Flare System shall only be used to receive and handle vent gases from the following Process(es) and System(s):

Coking Units (Process: 2, System: 1 & 2)
Coker Blowdown Facility (Process: 2, System: 3)
Coker Gas Compression & Absorption Unit (Process: 2, Sysem: 5)
Blowdown Gas Compression System (Process: 2, System: 6)
Coker Gas Treating Unit (Process: 2, System: 11)
Fluid Catalytic Cracking Units Compression Unit (Process: 3, System: 1, 2, & 3)
Propylene Tetramer Unit (Process: 3, System: 6)
Naphtha Splitter Unit (Process: 4, System: 2)
Light Ends Depropanizer Unit (Process: 4, System: 3)
Straight Run Light Ends Depropanizer Unit (Process: 4, System: 4)
North Area Deisobutanizer Unit (Process: 4, System: 5)
Coker Gas Fractionation Unit (Process: 4, System: 7)
Liquid Recovery Unit (Process: 4, System: 8)
Jet Fuel Hydrotreating Unit (Process: 5, System: 1)
Mid-Barrel Desulfurizer Unit (Process: 5, System: 2)
Light Gasoline Hydrogenation Unit (Process: 5, System: 4)
Catalytic Reformer Units (Process: 6, System: 1, 2, & 3)
Hydrogen Plant (Process: 7, System: 1)
Hydrocracking Units (Process: 8, System: 1 & 2)
Alkylation Unit (Process: 9, System: 1)
Iso-Octene Unit (Process: 9, System: 9)
Catalytic Polymerization Unit (Process: 9, System: 2)
Fuel Gas Mix System (Process: 10, System: 1)
LPG Recovery & Drying Facilities (Process: 10, System: 2 & 3)
MDEA Regeneration Systems (Process: 12, System: 9, 10, 11, 12, & 13)
North & South Sour Water Treatment Systems (Process: 12, System: 14 & 15)

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Sulfur Recovery Units (Process: 13, System: 1, 2, 3, & 4)
Claus Tail Gas Treating Units (Process: 13, System: 5 & 7)
If FCC Flare is being utilized to backup the No. 5 Flare, No. 1 Crude Unit (Process: 1, System: 1)
If FCC Flare is being utilized to backup No. 5 Flare, Superfractionation Unit (Process: 4, System: 1)
If FCC Flare is being utilized to backup No. 5 Flare, Naphtha HDS Unit (Process: 5, System: 5)
If FCC Flare is being utilized to backup the No. 5 Flare, Naphtha HDS Reactor Heater (Process: 5, System: 6)
If FCC Flare is being utilized to backup the No. 5 Flare, Hydrogen Plant No. 2. Although this process and system must not be in operation, it can route vent gas to the FCC Flare in the event of a fire case failure scenario (Process: 7, System: 2)
If FCC Flare is being utilized to backup the No. 5 Flare, C5 Alkylation Depentanizer Unit (Process: 9, System: 6)
If FCC Flare is being utilized to backup the No. 5 Flare, Naphtha Isomerization Unit (Process: 9, System: 8)
If FCC Flare is being utilized to backup the No. 5 Flare, Butane Isomerization Unit. Although this process and system must not be in operation, it can route vent gas to the FCC Flare in the event of a fire case failure scenario (Process: 9, System: 10)
If FCC Flare is being utilized to backup the No. 5 Flare, LPG tank truck loading/unloading rack (Process: 14, System: 10)
If FCC Flare is being utilized to backup the No. 5 Flare, LPG rail car loading/unloading rack (Process: 14, System: 11)

The flare gas recovery system shall be operated in full use when any of the above Process(es) and System(s) is in operation. Full use means one of two compressor trains (Process 21, System 10 and Process 21, System 11) is online at any given time, except during planned startups or shutdowns when both compressors trains shall be online.

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

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Systems subject to this condition : Process 21, System 2]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S58.4 Hydrocracker Flare System shall only be used to receive and handle vent gases from the following Process(es) and System(s):

Light Ends Depropanizer (Process: 4, System: 3)
Jet Fuel Hydrotreating Unit (Process: 5, System: 1)
Mid-Barrel Desulfurizer Unit (Process: 5, System: 2)
Light Gasoline Hydrogenation Unit (Process: 5, System: 4)
Catalytic Reformer Units (Process: 6, System: 1, 2, & 3)
Hydrogen Plant (Process: 7, System 1)
Hydrocracking Units (Process: 8, System: 1 & 2)
LPG Recovery System (Process: 10, System: 2)
Liquid Petroleum Gas Drying Facilities (Process: 10, System: 3)
MDEA Regeneration Systems (Process: 12, System: 9 & 10)
If HC Flare is being utilized to backup the FCCU Flare, FCCU, FCCU Gas Plant & FCCU Gas Compression Unit (Process: 3, System: 1, 2 & 3)
If HC Flare is being utilized to backup the FCCU Flare, Propylene Tetramer Unit (Process: 3, System: 6)
If HC Flare is being utilized to backup the FCCU Flare, Liquids Recovery Unit (Process: 4, System: 8)
If HC Flare is being utilized to backup the FCCU Flare, Catalytic Polymerization Unit (Process: 9, System: 2)
If HC Flare is being utilized to backup the FCCU Flare, Fuel Gas Mix System (Process: 10, System: 1)
If HC Flare is being utilized to backup the FCCU Flare, North Sour Water Treatment Unit (Process: 12, System: 14)

The flare gas recovery system shall be operated in full use when any of the above Process(es) and System(s) is in operation. Full use means one of two compressor trains

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:

(Process 21, System 10 and Process 21, System 11) is online at any given time, except during planned startups or shutdowns when both compressors trains shall be online.

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

[Systems subject to this condition : Process 21, System 3]

S58.5 Fluidized Feed HDS Flare System shall only be used to receive and handle vent gases from the following Process(es) and System(s):

Fluid Feed HDS Unit (Process: 5, System: 3)

The flare gas recovery system shall be operated in full use when any of the above Process(es) and System(s) is in operation. Full use means one of two compressor trains (Process 21, System 10 and Process 21, System 11) is online at any given time, except during planned startups or shutdowns when both compressors trains shall be online.

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

[Systems subject to this condition : Process 21, System 5]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S58.6 Refinery Flare No. 5 System shall only be used to receive and handle vent gases from the following Process(es) and System(s):

No. 1 Crude Unit (Process: 1, System 1)
Superfractionation Unit (Process: 4, System: 1)
Coker Gasoline Fractionation Unit (Process: 4, System: 7)
C3 Splitter Unit (Process: 4, System: 9)
Naphtha HDS Unit (Process: 5, System: 5)
Naphtha HDS Reactor Heater (Process: 5, System: 6)
Hydrogen Plant No. 2 (Process: 7, System: 2)
C5 Alkylation Depentanizer Unit (Process: 9, System: 6)
C5 Alkylation Unit (Process: 9, System: 7)
Naphtha Isomerization Unit (Process: 9, System: 8)
Butane Isomerization Unit (Process: 9, System: 10)
UOP Merox Unit (Process: 12, System: 8)
LPG Tank Truck Loading/Unloading Rack (Process: 14, System: 10)
LPG Rail Car Loading/Unloading Rack (Process: 14, System: 11)
North Area Flare Gas Recovery System (Process: 21, System: 11)
INEOS POLYPROPYLENE LLC ID 124808 (Process: 1, System: 1, 2, 3, 5, 6, & 9)

The flare gas recovery system shall be operated in full use when any of the above Process(es) and System(s) is in operation. Full use means one of two compressor trains (Process 21, System 10 and Process 21, System 11) is online at any given time, except during planned startups or shutdowns when both compressors trains shall be online.

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

[Systems subject to this condition : Process 21, System 6]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

DEVICE CONDITIONS

A. Emission Limits

A63.12 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 108 LBS PER DAY
NOX	Less than or equal to 2156 LBS PER DAY
SOX	Less than or equal to 59 LBS PER DAY
CO	Less than or equal to 82 LBS PER DAY
PM	Less than or equal to 186 LBS PER DAY

The operator shall calculate the emissions, as the total emissions from the waste heat boiler exhaust of a cogeneration unit during the 24 hours of operation following firing.

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

[Devices subject to this condition : D1226, D1233, D1236, D1239]

A63.14 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
PM	Less than or equal to 61 LBS PER DAY
ROG	Less than or equal to 20 LBS PER DAY
CO	Less than or equal to 243 LBS PER DAY

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[Devices subject to this condition : D629]

A63.16 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
PM	Less than or equal to 46 LBS PER DAY
ROG	Less than or equal to 15 LBS PER DAY
CO	Less than or equal to 183 LBS PER DAY

[**RULE 1301, 12-7-1995**]

[Devices subject to this condition : D155]

A63.19 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
PM	Less than or equal to 6 LBS PER DAY
ROG	Less than or equal to 1.92 LBS PER DAY
CO	Less than or equal to 11 LBS PER DAY

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

[Devices subject to this condition : D1433]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

A63.20 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 15 LBS PER DAY
CO	Less than or equal to 179 LBS PER DAY
PM	Less than or equal to 46 LBS PER DAY

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

[Devices subject to this condition : D31]

A63.21 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 0.6 LBS PER DAY
CO	Less than or equal to 0.4 LBS PER DAY
PM	Less than or equal to 1.7 LBS PER DAY

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

[Devices subject to this condition : D252]

A63.23 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
PM	Less than or equal to 3.5 LBS PER DAY

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:

ROG	Less than or equal to 1.2 LBS PER DAY
CO	Less than or equal to 0.7 LBS PER DAY

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

[Devices subject to this condition : D417]

A63.25 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
Visible emissions	Less than or equal to 10 Percent opacity

[RULE 1158, 7-11-2008]

[Devices subject to this condition : D121, D122, D124, D127, D128, D129, D130, D131, D132, D133, D134, D135, D136, D137, D138, D139, D140, D141, D142, D143, D144, D145, D146, D147, D148, D149, D150]

A63.26 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
PM	Less than or equal to 2.8 LBS PER DAY
ROG	Less than or equal to 0.9 LBS PER DAY
CO	Less than or equal to 0.5 LBS PER DAY

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

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 : D417]

A63.27 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 6 LBS PER DAY
CO	Less than or equal to 3.6 LBS PER DAY
PM	Less than or equal to 18.5 LBS PER DAY

[**RULE 1301, 12-7-1995**]

[Devices subject to this condition : D539]

A63.28 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 4.6 LBS PER DAY
CO	Less than or equal to 2.7 LBS PER DAY
PM	Less than or equal to 14 LBS PER DAY

[**RULE 1301, 12-7-1995**]

[Devices subject to this condition : D538, D541, D625, D627, D628]

A63.29 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

ROG	Less than or equal to 65 LBS PER DAY
CO	Less than or equal to 38 LBS PER DAY
PM	Less than or equal to 195 LBS PER DAY

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

[Devices subject to this condition : D27]

A63.30 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 36 LBS PER DAY
CO	Less than or equal to 21 LBS PER DAY
PM	Less than or equal to 106 LBS PER DAY

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

[Devices subject to this condition : D63]

A63.32 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT	Header 3	Header 4
ROG	Less than or equal to	14	LBS PER DAY
CO	Less than or equal to	8.5	LBS PER DAY
PM10	Less than or equal to	42.5	LBS PER DAY

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[Devices subject to this condition : D67]

A63.33 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 68.4 LBS PER DAY
CO	Less than or equal to 205.4 LBS PER DAY
PM10	Less than or equal to 205 LBS PER DAY

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

[Devices subject to this condition : D1465]

A72.1 The operator shall maintain this equipment to achieve a minimum destruction efficiency of 98 percent for H2S during the normal operation of the equipment it vents.

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

[Devices subject to this condition : C2413]

A99.1 The 8 PPM NOX emission limit(s) shall not apply when this equipment is operating during startup and shutdown modes.

[**RULE 2005, 5-6-2005**]

[Devices subject to this condition : D1226, D1233, D1236, D1239]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

A99.2 The 2.5 PPM CO emission limit(s) shall not apply when the associated gas turbine is operating at less than 85 percent of the rated capacity. This condition refers to CO emission limit.

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

[Devices subject to this condition : D1226, D1233, D1236, D1239]

A99.3 The 2.5 PPM CO emission limit(s) shall not apply when the equipment is operating at startup and shutdown modes.

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

[Devices subject to this condition : D1226, D1233, D1236, D1239]

A99.4 The 20 ppm NH3 emission limit(s) shall not apply when this equipment is operating at startup and shutdown modes.

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

[Devices subject to this condition : C1242, C1248, C1252, C1256]

A99.6 The 21.1 Lbs/hr SOX emission limit(s) shall not apply when burning only natural gas.

[**RULE 2011, 5-6-2005**]

[Devices subject to this condition : C2413]

A103.1 The operator shall keep materials in petroleum coke handling and storage systems sufficiently moist to prevent fugitive dust emissions.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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**]

[Devices subject to this condition : D121, D122, D148]

A195.1 The 20 PPMV NOX emission limit(s) is averaged over 365 day rolling average at 0 percent O2, dry basis.

For the purposes of this condition, this limit is a long term limit which applies at all times.

[**CONSENT DECREE CIVIL NO. 2:96 CV 095 RL (Fourth Amendment), 10-7-2005**]

[Devices subject to this condition : D164]

A195.2 The 60 PPMV NOX emission limit(s) is averaged over 7 day rolling average at 0 percent O2, dry basis.

For the purposes of this condition, this limit is a short term limit which applies at all times except during startup, shutdown, or malfunction of the FCCU or the FFHDS.

[**CONSENT DECREE CIVIL NO. 2:96 CV 095 RL (Fourth Amendment), 10-7-2005**]

[Devices subject to this condition : D164]

A195.3 The 50 PPMV SOX emission limit(s) is averaged over 365 day rolling average at 0 percent O2, dry basis.

For the purposes of this condition, this limit is a long term limit which applies at all times.

[**CONSENT DECREE CIVIL NO. 2:96 CV 095 RL (Fourth Amendment), 10-7-2005**]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 : D164]

A195.4 The 150 PPMV SOX emission limit(s) is averaged over 7 day rolling average at 0 percent O2, dry basis.

For the purposes of this condition, this limit is a short term limit which applies at all times except during startup, shutdown, or malfunction of the FCCU or the FFHDS.

[**CONSENT DECREE CIVIL NO. 2:96 CV 095 RL (Fourth Amendment), 10-7-2005**]

[Devices subject to this condition : D164]

A195.6 The 500 PPMV CO emission limit(s) is averaged over one (1) hour, dry basis.

For the purposes of this condition, this limit is a short term limit which applies at all times except during startup, shutdown, or malfunction of the FCCU.

This condition shall become effective on December 31, 2004.

[**CONSENT DECREE CIVIL NO. 2:96 CV 095 RL, 8-29-2001**]

[Devices subject to this condition : D164]

A248.1 The 8 PPM NOX emission limit is dry, corrected to 15 percent oxygen.

[**RULE 2005, 5-6-2005**]

[Devices subject to this condition : D1226, D1233, D1236, D1239]

A248.2 The 2 PPM SOX emission limit is dry, corrected to 15 percent oxygen.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[**RULE 2005, 5-6-2005**]

[Devices subject to this condition : D1226, D1233, D1236, D1239]

A248.3 The 2.5 PPM CO emission limit is dry, corrected to 15 percent oxygen.

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

[Devices subject to this condition : D1226, D1233, D1236, D1239]

A248.4 The 4.5 PPM CO emission limit is dry, corrected to 15 percent oxygen.

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

[Devices subject to this condition : D1226, D1233, D1236, D1239]

A327.1 For the purpose of determining compliance with District Rule 475, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time.

[**RULE 475, 10-8-1976;** RULE 475, 8-7-1978]

[Devices subject to this condition : D1226, D1233, D1236, D1239]

A327.2 For the purpose of determining compliance with District Rule 476, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[**RULE 476, 10-8-1976**]

[Devices subject to this condition : D1227, D1234, D1237, D1240]

B. Material/Fuel Type Limits

B22.1 The operator shall not use this equipment with materials having a(n) Reid vapor pressure of 0.5 psia or greater under actual operating conditions.

[**RULE 1301, 12-7-1995**]

[Devices subject to this condition : D1000, D1001]

B22.2 The operator shall not use this equipment with materials having a(n) true vapor pressure of 1.5 psia or greater under actual operating conditions.

[**RULE 1301, 12-7-1995**]

[Devices subject to this condition : D1115]

B22.3 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.1 psia or greater under actual operating conditions.

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

[Devices subject to this condition : D1105, D1122, D1128]

B22.4 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.5 psia or greater under actual operating conditions.

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

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 : D1085, D1091, D1104, D1117]

B22.5 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.001 psia or greater under actual operating conditions.

[**RULE 1301, 12-7-1995**]

[Devices subject to this condition : D1119, D1130]

B22.6 The operator shall not use this equipment with materials having a(n) true vapor pressure of 11 psia or greater under actual operating conditions.

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

[Devices subject to this condition : D80, D1072, D1103, D1111, D1120, D1147, D1148]

B22.7 The operator shall not use this equipment with materials having a(n) true vapor pressure of 8 psia or greater under actual operating conditions.

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

[Devices subject to this condition : D1162, D1163]

B22.9 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.1 psia or greater under actual operating conditions.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Whenever there is a change in the product types, the operator shall determine the flash point of the organic material stored using ASTM Method D-93. Those materials having a flash point less than 100 degrees F as determined by this test will be considered as having a true vapor pressure of greater than 5 mm Hg (0.1 psi) absolute under actual storage conditions. The test must be conducted within five days of changing product types.

The operator shall keep records of the date when there is a change in material stored, along with the test results at the facility for a period of five years. These records shall be made available to the Executive Officer upon request.

[**RULE 1178, 4-7-2006**]

[Devices subject to this condition : D1069, D1070, D1071, D1084, D1090, D1140, D1159, D1160]

B22.11 The operator shall only use this equipment with materials having a(n) true vapor pressure of 0.38 psia or less under actual operating conditions.

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

[Devices subject to this condition : D2789]

B22.12 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.06 psia or greater under actual operating conditions.

To demonstrate compliance with this limitation, the operator shall maintain on file a copy of the Material Safety Data Sheet (MSDS) of the material stored. Records of the materials stored and their MSDS shall be retained for a period of five years and made available to the Executive Officer upon request.

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

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 : D2790, D2791, D2792]

B22.13 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.1 psia or greater under actual operating conditions.

Whenever there is a change in the product type, the operator shall either maintain on file a copy of the Material Safety Data Sheet (MSDS) for the new material or determine the flash point of the organic material stored using ASTM Method D-93. The test must be conducted within five days of changing product type.

Those materials having a flash point less than 100 degrees F as determined by this test will be considered as having a true vapor pressure of greater than 5 mm Hg (0.1 psi) absolute under actual storage conditons.

The operator shall keep records of the date when there is a change in materials stored, MSDS of materials stored and any test results at the facility for a period of five years. These records shall be made available to the Executive Officer upon request.

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

[Devices subject to this condition : D2793]

B22.14 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.01 psia or greater under actual operating conditions.

To demonstrate compliance with this limitation, the operator shall maintain on file a copy of the Material Safety Data Sheet (MSDS) of the material stored. Records of the material stored and their MSDS shall be retained for a period of five years and made available to the Executive Officer upon request.

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

[Devices subject to this condition : D2794]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

B22.15 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.1 psia or greater under actual operating conditions.

To demonstrate compliance with the true vapor pressure limit requirement, the operator shall maintain on file a copy of the Material Safety Data Sheet (MSDS) of the material stored.

If the MSDS does not show the true vapor pressure, the operator shall determine the flash point of the organic material stored using ASTM Method D-93 whenever there is a change in the product type. Those materials having a flash point less than 100 degrees F as determined by this test will be considered as having a true vapor pressure of greater than 5 mm Hg (0.1 psi) absolute under actual storage conditions. The test must be conducted within ten days of changing product types.

The operator shall keep records of the date when there is a change in material stored, along with the MSDS or test results at the facility for a period of five years. These records shall be made available to the Executive Officer upon request.

[**RULE 1178, 4-7-2006**]

[Devices subject to this condition : D1107, D1108, D1109, D1110]

B22.16 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.04 psia or greater under actual operating conditions.

To demonstrate compliance with this limitation, the operator shall maintain on file a copy of the Material Safety Data Sheet (MSDS) of the material stored. Records of materials stored and their MSDS shall be retained for a period of five years and made available to the Executive Officer upon request.

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

[Devices subject to this condition : D2840]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

B22.18 The operator shall not use this equipment with materials having a(n) total vapor pressure of 9 psia or greater under actual operating conditions.

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

[Devices subject to this condition : D2850]

B22.19 The operator shall not use this equipment with materials having a(n) true vapor pressure of 3 psia or greater under actual operating conditions.

[**RULE 1178, 4-7-2006**]

[Devices subject to this condition : D1164, D1193]

B59.2 The operator shall only use the following material(s) in this device :

wastewater with a VOC content of 5 mg per liter or less

[**RULE 1176, 9-13-1996**]

[Devices subject to this condition : D2749, D2750, D2751]

B61.1 The operator shall only use refinery gas containing the following specified compounds:

Compound	ppm by volume
Total Sulfur less than	100

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

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 : D1226, D1227, D1233, D1234, D1236, D1237, D1239, D1240]

B61.2 The operator shall only use butane containing the following specified compounds:

Compound	ppm by volume
Total Sulfur less than	50

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

[Devices subject to this condition : D1226, D1227, D1233, D1234, D1236, D1237, D1239, D1240]

B61.3 The operator shall only use natural gas containing the following specified compounds:

Compound	ppm by volume
Total Sulfur less than	5

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

[Devices subject to this condition : D1226, D1227, D1233, D1234, D1236, D1237, D1239, D1240]

B61.4 The operator shall not use fuel gas, except uncombined natural gas which is not regulated by the condition, containing the following specified compounds:

Compound	ppm by volume
H2S greater than	160

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[**40CFR 60 Subpart J, 6-24-2008**]

[Devices subject to this condition : D27, D29, D31, D33, D67, D69, D151, D153, D155, D250, D252, D416, D417, D418, D419, D421, D423, D425, D532, D535, D538, D539, D541, D570, D625, D626, D627, D628, D629, C910, D1226, D1227, D1233, D1234, D1236, D1237, D1239, D1240, C1326, D1439, D1465, C2413, D2837]

B61.5 The operator shall only use diesel fuel containing the following specified compounds:

Compound	weight percent
Sulfur less than	0.05

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

[Devices subject to this condition : D1997, D1998, D2416, D2417, D2418]

B61.6 The operator shall only use diesel fuel containing the following specified compounds:

Compound	ppm by weight
Sulfur less than	15

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

[Devices subject to this condition : D2776, D2859]

B89.1 The operator shall not use water with VOC content greater than 0.005 grams per liter, including water and exempt compounds.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[**RULE 1176, 9-13-1996**]

[Devices subject to this condition : D999]

C. Throughput or Operating Parameter Limits

C1.3 The operator shall limit the number of turnovers to no more than 12 in any one year.

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

[Devices subject to this condition : D1098]

C1.4 The operator shall limit the number of turnovers to no more than 108 in any one year.

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

[Devices subject to this condition : D1144]

C1.5 The operator shall limit the throughput to no more than 3e+06 barrel(s) in any one year.

[**RULE 1301, 12-7-1995**]

[Devices subject to this condition : D1104]

C1.6 The operator shall limit the throughput to no more than 2e+07 barrel(s) in any one year.

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

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 : D1117]

C1.7 The operator shall limit the number of turnovers to no more than 3 in any one year.

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

[Devices subject to this condition : D1136]

C1.8 The operator shall limit the number of turnovers to no more than 140 in any one year.

[**RULE 1301, 12-7-1995**]

[Devices subject to this condition : D1141]

C1.9 The operator shall limit the number of turnovers to no more than 85 in any one year.

[**RULE 1301, 12-7-1995**]

[Devices subject to this condition : D1142]

C1.10 The operator shall limit the throughput to no more than 6.08e+05 barrel(s) in any one month.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall calculate the throughput, in barrels, by the following equation: 0.14 x D x D x H, where D is the diameter of the tank in feet based on the tank strapping chart and H is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once every 15 minutes. The operator shall calculate the total one-way roof movement, in feet, on a monthly basis.

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 15 days. While the ATLG is being repaired, the throughput shall be determined by hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 15 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the time that the ATLG went out of service.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

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

[Devices subject to this condition : D1150]

C1.15 The operator shall limit the number of turnovers to no more than 7 in any one year.

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

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 : D1184]

C1.16 The operator shall limit the operating time to no more than 199 hour(s) in any one year.

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

[Devices subject to this condition : D1997, D1998, D2416, D2417, D2418]

C1.17 The operator shall limit the number of turnovers to no more than 89 in any one year.

[**RULE 1301, 12-7-1995**]

[Devices subject to this condition : D1180]

C1.18 The operator shall limit the heat input to no more than 89 MM Btu per hour.

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

[Devices subject to this condition : D250]

C1.19 The operator shall limit the heat input to no more than 255 MM Btu per hour.

[**RULE 1301, 12-7-1995**]

[Devices subject to this condition : D532]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.20 The operator shall limit the heat input to no more than 310 MM Btu per hour.

[**RULE 1301, 12-7-1995**]

[Devices subject to this condition : D535]

C1.21 The operator shall limit the heat input to no more than 82 MM Btu per hour.

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

[Devices subject to this condition : D421]

C1.22 The operator shall limit the heat input to no more than 52 MM Btu per hour.

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

[Devices subject to this condition : D419]

C1.23 The operator shall limit the heat input to no more than 130 MM Btu per hour.

[**RULE 1301, 12-7-1995**]

[Devices subject to this condition : D151, D153, D155]

C1.24 The operator shall limit the firing rate to no more than 427 MM Btu per hour.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[Devices subject to this condition : D1465]

C1.25 The operator shall limit the number of turnovers to no more than 45 in any one year.

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

[Devices subject to this condition : D1106]

C1.26 The operator shall limit the throughput to no more than 730000 barrel(s) in any one year.

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

[Devices subject to this condition : D1162, D1163]

C1.28 The operator shall limit the number of turnovers to no more than 5 in any one year.

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

[Devices subject to this condition : D1115]

C1.29 The operator shall limit the number of turnovers to no more than 250 in any one year.

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

[Devices subject to this condition : D1134]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.30 The operator shall limit the number of turnovers to no more than 70 in any one year.

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

[Devices subject to this condition : D1135]

C1.31 The operator shall limit the throughput to no more than 1.825e+07 barrel(s) in any one year.

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

[Devices subject to this condition : D1147, D1148]

C1.33 The operator shall limit the duration of shutdown to no more than 4 hour(s).

For the purpose of this condition, "duration of shutdown" shall be defined as the duration prior to extinguishing the flame in the gas turbine.

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

[Devices subject to this condition : D1226, D1233, D1236, D1239]

C1.34 The operator shall limit the duration of startup to no more than 8 hour(s).

For the purpose of this condition, "duration of startup" shall be defined as the duration beginning immediately following initial firing of the gas turbine.

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

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:

[Devices subject to this condition : D1226, D1233, D1236, D1239]

C1.35 The operator shall limit the throughput to no more than 29200 barrel(s) in any one year.

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

[Devices subject to this condition : D1143]

C1.36 The operator shall limit the throughput to no more than 3.5e+06 barrel(s) in any one year.

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

[Devices subject to this condition : D1127]

C1.37 The operator shall limit the gasoline dispensed to no more than 7500 gallon(s) per month.

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

[Devices subject to this condition : D1276]

C1.38 The operator shall limit the gasoline dispensed to no more than 90000 gallon(s) per year.

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

[Devices subject to this condition : D1276]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.39 The operator shall limit the number of turnovers to no more than 120 in any one year.

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

[Devices subject to this condition : D2153]

C1.40 The operator shall limit the operating time to no more than 139 hour(s) in any one calendar month.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

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

[Devices subject to this condition : D2149]

C1.42 The operator shall limit the throughput to no more than 3,000,000 barrel(s) in any one calendar month.

The operator shall utilize an automatic tank level gauging device to determine throughput. That automatic level gauge (tank liquid level) will be hourly electronically recorded during the time that product movement occurs, and at the start and the end of each product movement. The liquid volume shall be calculated using the tank liquid level records and the tank strapping tables. The throughput in barrels shall be calculated using the sum of total one-way (increasing) volume movements on a monthly basis.

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

[Devices subject to this condition : D1105]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.43 The operator shall limit the throughput to no more than 416,700 barrel(s) in any one calendar month.

The operator shall calculate the throughput, in barrels, by the following equation: 0.14 x D x D x L, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once every 15 minutes.

The operator shall calculate the total one-way roof movement, in feet, on a monthly basis.

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 15 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 15 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the time the ATLG went out of service.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

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

[Devices subject to this condition : D1161]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.44 The operator shall limit the throughput to no more than 825,000 barrel(s) in any one calendar month.

The operator shall calculate the throughput, in barrels, by the following equation: 0.14 x D x D x L, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once every 15 minutes.

The operator shall calculate the total one-way roof movement, in feet, on a monthly basis.

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 15 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 15 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the time that the ATLG went out of service.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

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

[Devices subject to this condition : D1171]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.45 The operator shall limit the throughput to no more than 2000000 barrel(s) in any one calendar month.

The operator shall calculate the throughput, in barrels, by the following equation: 0.14 x D x D x L, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once every 15 minutes.

The operator shall calculate the total one-way roof movement, in feet, on a monthly basis.

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the time that the ATLG went out of service.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

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

[Devices subject to this condition : D1177, D1178]

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:

C1.46 The operator shall limit the heat input to no more than 11 MM Btu per hour.

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

[Devices subject to this condition : D418]

C1.47 The operator shall limit the heat input to no more than 22 MM Btu per hour.

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

[Devices subject to this condition : D425]

C1.48 The operator shall limit the heat input to no more than 39 MM Btu per hour.

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

[Devices subject to this condition : D626]

C1.49 The operator shall limit the throughput to no more than 3189 barrel(s) in any one calendar month.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall calculate the throughput in barrels, by the following equation: 0.14 x D x D x L. Where D is the diameter of the tank in feet based on the strapping chart and L is the total tank level change in feet per month.

Tank level gauge readings shall be recorded at the beginning and conclusion of each tank filling event.

The operator shall calculate the total tank level change, in feet, on a monthly basis.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

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

[Devices subject to this condition : D80]

C1.51 The operator shall limit the throughput to no more than 1,000,000 barrel(s) in any one calendar month.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall calculate the throughput, in barrels, by the following equation: 0.14 x D x D x L, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once every 15 minutes.

The operator shall calculate the total one-way roof movement, in feet, on a monthly basis.

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the time that the ATLG went out of service.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

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

[Devices subject to this condition : D1199]

C1.52 The operator shall limit the throughput to no more than 1,500,000 barrel(s) in any one calendar month.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall calculate the throughput, in barrels, by the following equation; 0.14 x D x D x L, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once every 15 minutes.

The operator shall calculate the total one-way roof movement, in feet, on a monthly basis.

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the througput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the time that the ATLG went out of service.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

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

[Devices subject to this condition : D1167]

C1.53 The operator shall limit the throughput to no more than 3,000,000 barrel(s) in any one calendar month.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall calculate the throughput, in barrels, by the following equation: 0.14 x D x D x L, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuously recording is defined as once every 15 minutes.

The operator shall calculate the total one-way roof movement, in feet, on a monthly basis.

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the througput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the time that the ATLG went out of service.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

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

[Devices subject to this condition : D1173]

C1.54 The operator shall limit the throughput to no more than 30 barrel(s) in any one calendar month.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall calculate the throughput in barrels, by the following equation: 0.14 x D x D x L. Where D is the diameter of the tank in feet based on the strapping chart and L is the total tank level change in feet per month.

Tank level gauge readings shall be recorded at the beginning and conclusion of each tank filling event.

The operator shall calculate the total tank level change, in feet, on a monthly basis.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

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

[Devices subject to this condition : D2789]

C1.55 The operator shall limit the throughput to no more than 3,667 barrel(s) in any one calendar month.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall calculate the throughput, in barrels, by the following equation: 0.14 x D x D x L, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way tank level movement in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the tank level. For the purpose of this condition, continuous recording is defined as once every 15 minutes.

The operator shall calculate the total one-way tank level movement, in feet, on a monthly basis.

The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughtput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the time the ATLG went out of service.

The operator shall maintain records in a manner approved by the District to demonstrate compliance with the condition.

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

[Devices subject to this condition : D2790, D2791, D2792]

C1.56 The operator shall limit the throughput to no more than 3,650 barrel(s) in any one calendar month.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall calculate the throughput in barrels, by the following equation: 0.14 x D x D x L. Where D is the diameter of the tank in feet based on the strapping chart and L is the total tank level change in feet per month.

Tank level gauge readings shall be recorded at the beginning and conclusion of each tank filling event.

The operator shall calculate the total tank level change, in feet, on a monthly basis.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

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

[Devices subject to this condition : D2793]

C1.57 The operator shall limit the throughput to no more than 18,333 barrel(s) in any one calendar month.

The operator shall calculate the throughput in barrels, by the following equation: 0.14 x D x D x L. Where D is the diameter of the tank in feet based on the strapping chart and L is the total tank level change in feet per month.

Tank level gauge readings shall be recorded at the beginning and conclusion of each tank filling event.

The operator shall calculate the total tank level change, in feet, on a monthly basis.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

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

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 : D2794]

C1.58 The operator shall limit the heat input to no more than 24 MM Btu per hour.

[**RULE 1301, 12-7-1995**]

[Devices subject to this condition : D416]

C1.59 The operator shall limit the throughput to no more than 9,800 barrel(s) in any one calendar month.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement. Tank liquid surface level data shall be recorded every 15 minutes and these 15-minute levels will be used to calculate level changes. The 15-minute level readings shall be used to calculate the total one-way (increasing) volume movement, in feet, on a monthly basis.

The operator shall calculate throughput by the following equation: 0.14 x D x D x L, where D is the diameter of the tank in feet and L is the total one-way travel in feet per year of liquid surface level as determined by the 15-minute level readings.

The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG is being repaired, throughput shall be determined by 15-minute tank level data averaged for the previous 30 days prior to the discovery of the discrepancy.

The operator shall keep monthly records on the throughput and the vapor pressure for each type of stored product.

In the case of a failure or shutdown of the measuring device and/or recorder, excluding routine maintenace, the requirements of this condition shall not apply for a period not to exceed 24 consecutive hours from the time of its occurrence. During the period of failure or shutdown, throughput shall be determined by 15-minute tank level data averaged for the previous 30 calendar days.

In the case of routine maintenance, the requirements of this condition shall not apply for a period not to exceed 4 hours in any calendar day. During the period of routine maintenance, throughput shall be determined by 15-minute tank level data averaged for the previous 30 calendar days.

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

[Devices subject to this condition : D1107, D1108, D1109, D1110]

C1.61 The operator shall limit the throughput to no more than 2,413 barrel(s) in any one calendar month.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall calculate the throughput in barrels, by the following equation: 0.14 x D x D x L. Where D is the diameter of the tank in feet based on the strapping chart and L is the total tank level change in feet per month.

Tank level gauge readings shall be recorded at the beginning and conclusion of each tank filling event.

The operator shall calculate the total tank level change, in feet, on a monthly basis.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

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

[Devices subject to this condition : D2840]

C1.63 The operator shall limit the throughput to no more than 18,000 barrel(s) in any one calendar month.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall calculate the throughput, in barrels, by the following equation: 0.14 x D x D x L, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once every 15 minutes.

The operator shall calculate the total one-way roof movement, in feet, on a monthly basis.

The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the time that the ATLG went out of service.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

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

[Devices subject to this condition : D2850]

C1.65 The operator shall limit the operating time to no more than 199.99 hour(s) in any one year.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

For the purpose of this condition, the operating time is inclusive of time allotted for maintenance and testing.

[RULE 1110.2, 2-1-2008; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 2012, 5-6-2005**]

[Devices subject to this condition : D2776]

C1.66 The operator shall limit the operating time to no more than 30 hour(s) in any one year.

For the purpose of this condition, the operating time is defined as the time used solely for maintenance and testing.

[RULE 1470, 6-1-2007]

[Devices subject to this condition : D2776]

C1.68 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

For the purpose of this condition, the operating time is inclusive of time alloted for maintenance and testing which is not more than 50 hours in any one year.

Operation beyond the 50 hours per year allotted for engine maintenance and testing shall be allowed only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that: A) the utility distribution company has ordered rotating outage in the control area where the engine is located or has indicated that it expects to issue such an order at a certain time; B) the engine is located in a utility service block that is subject to the rotating outage.

Engine operation shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer imminent or in effect.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 2012, 5-6-2005**]

[Devices subject to this condition : D2859]

C1.69 The operator shall limit the throughput to no more than 200,000 barrel(s) in any one calendar month.

The operator shall calculate the throughput, in barrels, by the following equation: 0.14 x D x D x L, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way tank level travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the tank level. For the purose of this condition, continuous recording is defined as one per hour.

The operator shall calculate the total one-way tank level movement at the end of each month. The total one-way tank level movement shall be determined for the calendar month and shall be expressed as feet.

The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, throughput shall be determined by the hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the time that the ATLG went out of service.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[Devices subject to this condition : D1072]

C1.70 The operator shall limit the throughput to no more than 500,000 barrel(s) in any one calendar month.

The operator shall calculate the throughput, in barrels, by the following equation: 0.14 x D x D x L, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way level travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the tank level. For the purpose of this condition, continuous recording is defined as once per hour.

The operator shall calculate the total one-way tank level movement at the end of each month. The total one-way tank level movement shall be determined for the calendar month and shall be expressed as feet.

The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, throughput shall be determined by the hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the time that the ATLG went out of service.

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

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 : D1103, D1111]

C1.71 The operator shall limit the throughput to no more than 350,000 barrel(s) in any one calendar month.

The operator shall calculate the throughput, in barrels, by the following equation: 0.14 x D x D x L, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way level travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the tank level. For the purpose of this condition, continuous recording is defined as once per hour.

The operator shall calculate the total one-way tank level movement at the end of each month. The total one-way tank level movement shall be determined for the calendar month and shall be expressed as feet.

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, throughput shall be determined by the hourly tank level data averaged for the previous 30 days, prior to disocvery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the time that the ATLG went out of service.

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

[Devices subject to this condition : D1120]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.72 The operator shall limit the throughput to no more than 320000 barrel(s) in any one calendar month.

The operator shall calculate the throughput, in barrels, by the following equation: 0.14 x D x D x L, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way liquid surface level travel in feet per month. For the purpose of this condition, continuous recording is defined as once per hour.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the time that the ATLG went out of service.

Alternately, for tanks which do not have an ATLG device, the operator may use engineering calculations with paramters obtained from process records, shipping invoices, manual tank level gauging, etc to calculate throughput of the tank.

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

[Devices subject to this condition : D1159, D1160]

C6.1 The operator shall use this equipment in such a manner that the hydrocarbon concentration being monitored, as indicated below, does not exceed 30 percent of the Lower Explosive Limit.

The operator shall use an explosimeter to measure the Lower Explosive Limit (LEL) in the vapor space above the internal floating deck on a semiannual basis.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[**RULE 1178, 4-7-2006; RULE 463, 5-6-2005**]

[Devices subject to this condition : D1150, D1162, D1163, D1199]

C6.2 The operator shall use this equipment in such a manner that the hydrocarbon concentration being monitored, as indicated below, does not exceed 30 percent of the Lower Explosive Limit.

The operator shall use an explosimeter to measure the Lower Explosive Limit (LEL) in the vapor space above the floating roof, twice a year at a 4 to 8 month interval.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[**RULE 1178, 4-7-2006**]

[Devices subject to this condition : D1153, D1154, D1155, D1156, D1157, D1158, D1161, D1166, D1167, D1168, D1169, D1170, D1171, D1172, D1173, D1174, D1176, D1177, D1178, D1179, D1180, D1181, D1182, D1183, D1184, D1188, D1190, D1194, D1195, D1196, D2850]

C8.1 The operator shall use this equipment in such a manner that the percent excess air being monitored, as indicated below, is not less than 1 percent.

This condition shall only apply during normal operation. This limit is not applicable during startup, shutdown, or process upset.

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

[Devices subject to this condition : D1465]

C8.2 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1200 Deg F.

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:

To comply with this condition, the operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature in the firebox or in the ducwork immediatly downstream from the firebox.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C910, C2413]

C266.1 The operator shall install and maintain a pressure relief valve set at 4 inches water column.

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

[Devices subject to this condition : D997, D1627, D1637]

D. Monitoring/Testing Requirements

D12.1 The operator shall install and maintain a(n) continuous monitoring system to accurately indicate the fuel usage at the gas turbine for each fuel being fired.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within + or - 5.0 percent. It shall be calibrated once every 12 months.

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

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 : D1226, D1233, D1236, D1239]

D12.2 The operator shall install and maintain a(n) continuous monitoring system to accurately indicate the steam-to-fuel ratio at the gas turbine for each fuel fired.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within + or - 5.0 percent. It shall be calibrated once every 12 months.

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

[Devices subject to this condition : D1226, D1233, D1236, D1239]

D12.3 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the stack.

[**RULE 1301, 12-7-1995**]

[Devices subject to this condition : D538]

D12.4 The operator shall install and maintain a(n) gauge to accurately indicate the oxygen concentration in the exhaust gas.

[**RULE 1301, 12-7-1995**]

[Devices subject to this condition : D538]

D12.5 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the SCR bed.

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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**]

[Devices subject to this condition : C1335]

D12.6 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature across the SCR bed.

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

[Devices subject to this condition : C1335]

D12.7 The operator shall install and maintain a(n) continuous monitoring system to accurately indicate the oxygen concentration of the exhaust gas.

[**RULE 1301, 12-7-1995**]

[Devices subject to this condition : D625, D626, D627, D628]

D12.9 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature at the inlet to the SCR unit.

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

[Devices subject to this condition : C1242, C1248, C1252, C1256]

D12.10 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[**RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 2012, 5-6-2005**]

[Devices subject to this condition : D1997, D1998, D2416, D2417, D2418, D2776]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D12.11 The operator shall install and maintain a(n) pressure gauge to accurately indicate the pressure at the common vent system.

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

[Devices subject to this condition : D860, D866]

D12.12 The operator shall install and maintain a(n) continuous monitoring system to accurately indicate the flow rate of the fuel gas supplied to this heater.

The operator shall also install and maintain a device to continuously record the parameter being measured.

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

[Devices subject to this condition : D1465]

D12.13 The operator shall install and maintain a(n) continuous monitoring system to accurately indicate the energy input of the fuel gas supplied to this heater.

The operator shall also install and maintain a device to continuously record the parameter being measured.

Aternative monitoring plan for the measurement of fuel gas heating value at No. 2 Hydrogen Plant is as follows:

* Collect and analyze samples of the PSA tail gas at least three times per week

* During process upset of the No. 2 Hydrogen Production Plant, the sampling frequency shall be increased to once per 8-hour shift

* For purposes of this permit, all heating values calculated and recorded shall be on a higher heating value basis

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:

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

[Devices subject to this condition : D1465]

D12.14 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature of the heater flue gas to this equipment.

The operator shall also install and maintain a device to continuously record the parameter being measured.

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

[Devices subject to this condition : C1466]

D12.15 The operator shall install and maintain a(n) infrared/ ultraviolet detector or a thermocouple to accurately indicate the presence of a flame at the pilot light.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR 60 Subpart A, 6-13-2007**]

[Devices subject to this condition : C1305, C1326]

D12.19 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the filter cartridges.

The operator shall determine and record the parameter being monitored once each day the equipment is in operation

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

[Devices subject to this condition : C2151]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D12.22 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[**RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 2012, 5-6-2005**]

[Devices subject to this condition : D2859]

D28.1 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted at least annually.

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

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

The test shall be conducted to determine the flow rate at the outlet.

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

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

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

The test shall be conducted to determine the NH3 emissions at the outlet.

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

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C1242, C1248, C1252, C1256]

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D28.4 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted to determine the NH3 emissions at the outlet.

The test shall be conducted every quarter to determine the ammonia emissions.

The test shall be conducted when the heater is operating under normal operating conditions.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C1335, C1466]

D29.3 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
ROG emissions	Approved District method	District-approved averaging time	Outlet
PM emissions	District method 5.1	1 hour	Outlet

The test(s) shall be conducted at least once every three years.

The test shall be conducted when the equipment is operating under normal conditions.

The test shall be conducted to demonstrate compliance with the emission limits specified in condition A63 for this equipment.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 : D27, D31, D63, D67, D155, D252, D417, D538, D539, D541, D625, D627, D628, D629, D1433, D1465]

D29.8 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
PM emissions	Approved District method	1 hour	Outlet

The test(s) shall be conducted at least annually.

The test shall be conducted when the equipment is operating under normal conditions.

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

Source test results shall include the following parameters: FCCU feed rate; catalyst recirculation rate; coke burn rate; oxygen content of exhaust gases; exhaust flow rate; exhaust gas moisture content; the flue gas temperature at outlet of the ESP; and the average current, voltage, and spark rate at each of the ESP fields.

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984;** RULE 401, 11-9-2001; **RULE 404, 2-7-1986; RULE 405, 2-7-1986**]

[Devices subject to this condition : D164]

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

Oxygen concentration in percent volume

CO concentration in ppmv

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

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:

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

[Devices subject to this condition : C1243, C1249, C1253, C1257]

D82.2 The operator shall install and maintain a CEMS to measure the following parameters:

NOX concentration in ppmv

SOX concentration in ppmv

Concentrations shall be corrected to 3 percent oxygen on a dry basis.

The CEMS will convert the actual NOX concentrations to mass emission rates (lbs/hr) and record the hourly emission rates on a continuous basis.

The CEMS will convert the actual SOX concentrations to mass emission rates (lbs/hr) and record the hourly emission rates on a continuous basis.

The CEMS shall be installed and certified no later than 12 months after the initial start up according to the requirements of Rule 2011 for SOx major sources and Rule 2012 for NOx major sources

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

[Devices subject to this condition : C910, C2413]

D82.4 The operator shall install and maintain a CEMS to measure the following parameters:

CO concentration in ppmv

Oxygen concentration in percent volume

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[Devices subject to this condition : D164]

D90.1 The operator shall periodically monitor the VOC concentration at the outlet of the carbon adsorption sytem according to the following specifications:

The operator shall use EPA Reference Method 21 to monitor the parameter.

The operator shall calibrate the instrument used to monitor the parameter in ppmv methane.

Alternately, the operator may use the District Grab Sample Method, as specified in Rule 1176, to measure the VOC concentration.

The operator shall monitor twice a week.

[**RULE 1176, 9-13-1996; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C1002, C1628, C1630, C1632, C1635, C1638, C1640, C2014, C2445]

D90.3 The operator shall periodically analyze the fuel gas for total sulfur content in the refinery gases and butane used in the cogeneration facility according to the following specifications:

The operator shall analyze once every week.

[**RULE 2005, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D860, D866, D1226, D1227, D1233, D1234, D1236, D1237, D1239, D1240]

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:

D90.4 The operator shall continuously monitor the H2S concentration in the fuel gases before being burned in this device according to the following specifications:

The operator shall use Gas Chromatograph meeting the requirements of 40CFR60 Subpart J to monitor the parameter.

The operator shall also install and maintain a device to continuously record the parameter being monitored.

The operator may monitor the H2S concentration at a single location for fuel combustion devices, if monitoring at this location accurately represents the concentration of H2S in the fuel gas being burned in this device.

[**40CFR 60 Subpart J, 6-24-2008**]

[Devices subject to this condition : D27, D29, D31, D33, D67, D69, D151, D153, D155, D250, D252, D416, D417, D418, D419, D421, D423, D425, D532, D535, D538, D539, D541, D570, D625, D626, D627, D628, D629, C910, D1226, D1227, D1233, D1234, D1236, D1237, D1239, D1240, D1439, C2413, D2837]

D90.8 The operator shall periodically monitor the VOC concentration at the outlet of the first carbon canister and at the exit to the atmosphere according to the following specifications:

The operator shall use EPA Reference Method 21 to monitor the parameter.

The operator shall calibrate the instrument used to monitor the parameter in ppmv methane.

Alternately, the operator may use the District Grab Sample Method, as specified in Rule 1176, to measure the VOC concentration.

The operator shall monitor twice every week, at least three days apart.

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:

[**RULE 1176, 9-13-1996; RULE 1303(a)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C2446, C2748, C2753, C2756, C2758, C2760, C2762, C2788, C2812, C2881, C2886]

D90.9 The operator shall sample and analyze the VOC content in each fluid to the sump according to the following specifications:

The operator shall analyze once every year according to EPA Test Method 8240, or equivalent test method.

[**RULE 1176, 9-13-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D999, D2749, D2750, D2751]

D90.14 The operator shall periodically monitor the VOC concentration at outlet of the carbon adsorption system according to the following specifications:

The operator shall monitor twice every week using EPA reference method 21.

[RULE 402, 5-7-1976]

[Devices subject to this condition : C2813, C2814, C2815, C2816, C2817, C2818, C2819, C2820, C2821, C2822, C2823, C2824, C2825, C2826, C2827, C2828, C2829, C2830, C2831, C2832]

D90.17 The operator shall periodically monitor the H2S concentration at the inlet of this device according to the following specifications:

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:

The Alternative Monitoring Plan (AMP) approved by the United States Environmental Protection Agency (USEPA) on July 11, 2003 for the periodic monitoring and reporting of H2S concentration for refinery gas stream to four WCC turbines

In addition, the operator shall also comply with all other requirements of the AMP issued by the USEPA on July 11, 2003 for four WCC turbines

[**40CFR 60 Subpart A, 6-13-2007; 40CFR 60 Subpart J, 6-24-2008**]

[Devices subject to this condition : D1226, D1233, D1236, D1239]

D90.18 The operator shall periodically monitor the H2S concentration at the inlet of this device according to the following specifications:

The Alternative Monitoring Plan (AMP) approved by the United States Environmental Protection Agency (USEPA) on November 4, 2008 for the periodic monitoring and reporting of H2S concentration for refinery gas stream to FCCU Feed HDS Flare

In addition, the operator shall also comply with all other requirements of the AMP issued by the USEPA on November 4, 2008 for FCCU Feed HDS Flare

[**40CFR 60 Subpart A, 6-13-2007; 40CFR 60 Subpart J, 6-24-2008**]

[Devices subject to this condition : C1326]

D90.19 The operator shall periodically monitor the H2S concentration at the inlet of this device according to the following specifications:

The Alternative Monitoring Plan (AMP) approved by the United States Environmental Protection Agency (USEPA) on June 16, 2008 for the periodic monitoring and reporting of H2S concentration for refinery gas stream to FCCU Feed HDS Flare

In addition, the operator shall also comply with all other requirements of the AMP issued by the USEPA on June 16, 2008 for FCCU Feed HDS Flare

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[**40CFR 60 Subpart A, 6-13-2007; 40CFR 60 Subpart J, 6-24-2008**]

[Devices subject to this condition : C1326]

D94.1 The operator shall install, maintain and operate a sampling line from the sampling port and made accessible in the gas turbine exhaust duct and after the waste heat boiler in accordance with District guidelines

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

[Devices subject to this condition : D1226, D1233, D1236, D1239]

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**]

[Devices subject to this condition : D2416, D2417, D2418]

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 1140, 2-1-1980;** RULE 1140, 8-2-1985; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984;** RULE 401, 11-9-2001; **RULE 404, 2-7-1986; RULE 405, 2-7-1986**]

[Devices subject to this condition : C1329, C2151]

D322.2 The operator shall perform a weekly inspection of the equipment and the integrity of the water wash chamber.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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; RULE 401, 3-2-1984;** RULE 401, 11-9-2001; **RULE 404, 2-7-1986; RULE 481, 1-11-2002**]

[Devices subject to this condition : D1267]

D322.3 The operator shall perform a weekly 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; RULE 401, 3-2-1984;** RULE 401, 11-9-2001; **RULE 404, 2-7-1986; RULE 481, 1-11-2002**]

[Devices subject to this condition : D1268, D1269]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D323.1 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 a bi-weekly basis, at least, unless the equipment did not operate during the entire bi-weekly period. The routine bi-weekly 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 that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

1). 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; or

2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

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;

3). Date and time visible emission was abated; and

4). All visible emission observation records by operator or a certified smoke reader.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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

[Devices subject to this condition : C1302, C1305, C1308, C1326]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D323.2 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 that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

1). 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; or

2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

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;

3). Date and time visible emission was abated; and

4). All visible emission observation records by operator or a certified smoke reader.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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

[Devices subject to this condition : D121, D122, D124, D127, D128, D129, D130, D131, D132, D133, D134, D135, D136, D137, D138, D139, D140, D141, D142, D143, D144, D145, D146, D147, D148, D149, D150, D233, D241, D1280, D2149]

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:

D323.3 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 a weekly basis, at least, unless the equipment did not operate during the entire weekly period. The routine weekly 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 that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

1). 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; or

2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

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;

3). Date and time visible emission was abated; and

4). All visible emission observation records by operator or a certified smoke reader.

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:

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984;** RULE 401, 11-9-2001]

[Devices subject to this condition : D164]

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:

D323.4 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 a monthly basis, at least, unless the equipment did not operate during the entire monthly period. The routine monthly 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 that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

1). 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; or

2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

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;

3). Date and time visible emission was abated; and

4). All visible emission observation records by operator or a certified smoke reader.

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

[Devices subject to this condition : D183, D184, C231]

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 the CO emission limit(s). 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; RULE 407, 4-2-1982**]

[Devices subject to this condition : D27, D29, D31, D33, D63, D67, D151, D153, D155, D250, D416, D417, D418, D419, D421, D423, D425, D532, D535, D538, D539, D541, D570, D625, D626, D627, D628, D629, C910, D1433, D1439, D1465, C2413]

D330.1 The operator shall have a person that has been trained in accordance with Rule 461conduct 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;** RULE 461, 3-7-2008]

[Devices subject to this condition : D1276]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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 the CO emission limit(s). The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

[**RULE 1146.1, 5-13-1994;** RULE 1146.1, 9-5-2008; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 407, 4-2-1982**]

[Devices subject to this condition : D69, D252]

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 a quarterly basis, at least, unless the equipment did not operate during the entire quarterly period. The routine quarterly 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.

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[**RULE 1140, 2-1-1980;** RULE 1140, 8-2-1985; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984;** RULE 401, 11-9-2001]

[Devices subject to this condition : C1329, C2151]

E. Equipment Operation/Construction Requirements

E51.4 The following condition number(s) shall not apply if all of the requirements stated below are met:

Condition Number A 63-23

Requirement number 1: during normal operations - lower catalyst activity.

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

[Devices subject to this condition : D417]

E51.5 The following condition number(s) shall not apply if all of the requirements stated below are met:

Condition Number A 63-26

Requirement number 2: after the Jet Treater Hydrotreater unit start up.

Requirement number 1: start of catalyst cycle - high catalyst activity.

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

[Devices subject to this condition : D417]

E54.1 The operator is not required to vent this equipment to the following equipment if any of the requirements listed below are met:

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Device ID: D2808 [DRUM, KNOCK OUT, VERTICAL, SFIA VAPOR RECOVERY WEST]

Requirement number 1: During periods of startup and shutdown modes

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

[Devices subject to this condition : D1226, D1227, D1233, D1234, D1236, D1237, D1239, D1240]

E54.3 The operator is not required to vent this equipment to the following equipment if any of the requirements listed below are met:

Device ID: D1313 [COMPRESSOR, TWO STAGE, NO.5, RW 7087.03]

Device ID: D1314 [COMPRESSOR, TWO STAGE, NO.6, RW 26087.32]

Device ID: D1656 [COMPRESSOR, RW16, MYCOM, SCREW TYPE, WITH DOUBLE SEAL, SEAL OIL SYSTEM, 800 HP MOTOR]

Requirement number 1: When storing organic liquids having vapor pressure less than 0.5 psia under actual storage conditions.

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

[Devices subject to this condition : D1086, D1087, D1102, D1116, D1225]

E57.1 The operator shall vent this equipment to dust control equipment whenever loading/unloading of catalyst and during catalyst handling.

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

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 : C571, C1335]

E71.1 The operator shall not fire this equipment during the startup mode of operation.

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

[Devices subject to this condition : D1227, D1234, D1237, D1240]

E71.2 The operator shall only operate this equipment to use packed glands providing that their vapor recovery efficiency is equivalent to or exceeds that of mechanical seals in good working order.

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

[Devices subject to this condition : D564, D565, D566]

E71.5 The operator shall only vent this equipment to at least one row of the cogeneration units duct burners which shall have rows 3 in full use when receiving vented gas.

[**RULE 2005, 5-6-2005**]

[Devices subject to this condition : D860, D866]

E71.7 The operator shall only fire this equipment using natural gas and PSA tail gas exclusively. "Natural gas" is defined as a mixture of gaseous hydrocarbons, with at least 80 percent methane (by volume), and of pipeline quality, such as the gas sold or distributed by any utility company regulated by the California Public Utilities Commission..

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

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:

[Devices subject to this condition : D1465]

E71.8 The operator shall only inject ammonia into this equipment if the heater flue gas inlet temperature to the SCR unit exceeds 570 degrees F.

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

[Devices subject to this condition : C1466]

E71.13 The operator shall only fire this equipment using natural gas exclusively. The term "natural gas" as defined in this permit means a mixture of gaseous hydrocarbons, with at least 80 percent methane (by volume), and of pipeline quality, such as the gas sold or distributed by any utility company regulated by the California Public Utilities Commission.

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

[Devices subject to this condition : D1433]

E71.16 The operator shall not use this equipment to store sour naphtha containing 50 ppm by volume(22 ppm by weight) or more H2S, nor having a total true vapor pressure of 11 psia or greater under actual operating conditions. The operator shall, at least once a week, sample and test for H2S concentration and vapor pressure of the storage materials using test methods specified in Rule 463 or alternative methods approved in writing by the District. Records of sampling, storage temperature, and test result shall be maintained for at least five years.

[**RULE 463, 5-6-2005**]

[Devices subject to this condition : D1150]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E71.17 The operator shall only use this equipment to receive sour water from pressurized sphere 710 (Device ID D2728), unless pressurized sphere (D2728) is out of service due to breakdown, maintenance or turnaround. This condition shall become effective 18 months after the date that the District issues all necessary permits to construct for pressurized sphere (D2728).

[Devices subject to this condition : D1113]

E71.20 The operator shall only use this equipment to receive vent gases from equipment devices D863 and D869 during emergency conditions.

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

[Devices subject to this condition : D2003]

E71.21 The operator shall only use this equipment for the storage of any of the following commodities: Sweetened Naphtha (C4-C12), Sweet Naphtha (high benzene), Catalytic Cracked Naphtha, Unleaded Gasoline, and Alkylate.

[RULE 1401, 3-4-2005]

[Devices subject to this condition : D1177, D1178]

E71.22 The operator shall only use this equipment to control odors/VOC from miscellaneous sources at the refinery. This equipment does not qualify as air pollution control equipment for compliance with Rules 463, 1176, 1178 or 1303(a)(1)-BACT.

[RULE 402, 5-7-1976]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 : C2813, C2814, C2815, C2816, C2817, C2818, C2819, C2820, C2821, C2822, C2823, C2824, C2825, C2826, C2827, C2828, C2829, C2830, C2831, C2832]

E73.1 Notwithstanding the requirements of Section E conditions, the operator may, at his discretion, choose not to use steam injection if any of the following requirement(s) are met:

Startup and shutdown modes of operation.

[**RULE 2005, 5-6-2005**]

[Devices subject to this condition : D1226, D1233, D1236, D1239]

E73.2 Notwithstanding the requirements of Section E conditions, the operator may, at his discretion, choose not to use ammonia injection if any of the following requirement(s) are met:

Temperature measured at the SCR inlet is less than 500 Deg. F

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

[Devices subject to this condition : C1242, C1248, C1252, C1256]

E74.1 Notwithstanding the requirements of Section E conditions, the operator is not required to vent this equipment to the SCR (device C1466) if the heater exhaust temperature is below 570 degree Fahrenheit.

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

[Devices subject to this condition : D1465]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E102.1 The operator shall discharge dust collected in this equipment only into closed containers.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984;** RULE 401, 11-9-2001; **RULE 404, 2-7-1986**]

[Devices subject to this condition : C1329, C2151]

E118.1 The operator shall ensure that all openings to the atmosphere on the tank and on the tank truck shall be closed during a gasoline transfer to the storage tank.

[RULE 461, 3-7-2008]

[Devices subject to this condition : D1277]

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

[**RULE 1176, 9-13-1996**]

[Devices subject to this condition : D992, D997, D1008, D1009, D1627, D1637]

E128.1 The operator shall keep all spent carbon in a tightly covered container which shall remain closed except when it is being transferred into or out of the container.

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

[Devices subject to this condition : C1002, C1628, C1630, C1632, C1635, C1638, C1640, C2014, C2445, C2446, C2748, C2753, C2756, C2758, C2760, C2762, C2788, C2812, C2881, C2886]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E128.2 The operator shall keep all spent carbon in a tightly covered container which shall remain closed except when it is being transferred into or out of the container.

[RULE 402, 5-7-1976]

[Devices subject to this condition : C2813, C2814, C2815, C2816, C2817, C2818, C2819, C2820, C2821, C2822, C2823, C2824, C2825, C2826, C2827, C2828, C2829, C2830, C2831, C2832]

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

For the purpose of this condition, breakthrough occurs when the hydrocarbon monitor reading indicates a concentration of 500 ppmv at the outlet of the second carbon. If breakthrough occurs, the spent carbon adsorber shall either be replaced with an identical unit containing fresh activated carbon or the spent carbon shall be removed and replaced with fresh activated carbon.

The replacement activated carbon shall have a Butane Activity of not less than 21.4%, as measured according to ASTM Method 5742, or a Carbon Tetrachloride (CTC) Activity of not less than 60%, as measured by ASTM Method 3467.

To replace the carbon adsorber, the operator shall remove the first carbon canister, replace it with a fresh carbon adsorber or rotate the second adsorber in series to first, and put in a new second carbon adsorber.

The operator shall change over the carbon in the adsorber, at minimum, on an annual basis, without respect to whether breakthrough has occurred.

[**RULE 1176, 9-13-1996; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 : C1002, C1628, C1630, C1632, C1635, C1638, C1640, C2014, C2881]

E153.2 The operator shall change over the carbon in the adsorber whenever breakthrough occurs.

For the purpose of this condition, breakthrough occurs when the hydrocarbon monitor reading indicates a concentration of 500 ppmv at the outlet of the first carbon canister. If breakthrough occurs, the spent carbon adsorber shall either be replaced with an identical unit containing fresh activated carbon or the spent carbon shall be removed and replaced with fresh activated carbon.

The replacement activated carbon shall have a Butane Activity of not less than 21.4%, as measured according to ASTM Method 5742, or a Carbon Tetrachloride (CTC) Activity of not less than 60%, as measured by ASTM Method 3467.

To replace the carbon adsorber, the operator shall remove the first carbon canister, replace it with a fresh carbon adsorber or rotate the second adsorber in series to first, and put in a new second carbon adsorber.

The operator shall change over the carbon in the adsorber, at minimum, on an annual basis, without regard to whether breakthrough has occured.

[**RULE 1176, 9-13-1996; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C2748, C2753, C2756, C2758, C2760, C2762, C2788, C2812]

E153.3 The operator shall change over the carbon in the adsorber whenever breakthrough occurs.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

For the purpose of this condition, breakthrough occurs when the hydrocarbon monitor reading indicates a concentration of 500 ppmv, as methane, at the outlet of the carbon adsorber.

If breakthrough occurs, the spent carbon adsorber shall either be replaced with an identical unit containing fresh activated carbon or the spent carbon shall be removed from the canister and replaced with fresh activated carbon. The replacement activated carbon shall have a Butane Activity of not less than 21.4%, as measured according to ASTM Method 5742, or a Carbon Tetrachloride (CTC) Activity of not less than 60%, as measured by ASTM Method 3467.

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997;** RULE 402, 5-7-1976]

[Devices subject to this condition : C2445, C2813, C2814, C2815, C2816, C2817, C2818, C2819, C2820, C2821, C2822, C2823, C2824, C2825, C2826, C2827, C2828, C2829, C2830, C2831, C2832]

E153.6 The operator shall change over the carbon in the adsorber whenever breakthrough occurs.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

For the purpose of this condition, breakthrough occurs when the hydrocarbon monitor reading indicates a concentration of 500 ppmv at the outlet of the first carbon canister. If breakthrough occurs, the spent carbon adsorber shall either be replaced with an identical unit containing fresh activated carbon or the spent carbon shall be removed and replaced with fresh activated carbon.

The replacement activated carbon shall have a Butane Activity of not less than 21.4%, as measured according to ASTM Method 5742, or a Carbon Tetrachloride (CTC) Activity of not less than 60%, as measured by ASTM Method 3467.

To replace the carbon adsorber, the operator shall remove the first carbon canister, replace it with a fresh carbon adsorber or rotate the second adsorber in series to first, and put in a new second carbon adsorber.

The operator shall change over the carbon in the adsorber, at minimum, on an annual basis, without respect to whether breakthrough has occurred.

[**RULE 1176, 9-13-1996; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C2886]

E153.7 The operator shall change over the carbon in the adsorber whenever breakthrough occurs.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

For the purpose of this condition, breakthrough occurs when the hydrocarbon monitor reading indicates a concentration of 5000 ppmv at the outlet of the first carbon canister. If breakthrough occurs, the spent carbon adsorber shall either be replaced with an identical unit containing fresh activated carbon or the spent carbon shall be removed and replaced with fresh activated carbon.

The replacement activated carbon shall have a Butane Activity of not less than 21.4%, as measured according to ASTM Method 5742, or a Carbon Tetrachloride (CTC) Activity of not less than 60%, as measured by ASTM Method 3467.

To replace the carbon adsorber, the operator shall remove the first carbon canister, replace it with a fresh carbon adsorber or rotate the second adsorber in series to first, and put in a new second carbon adsorber.

The operator shall change over the carbon in the adsorber, at minimum, on an annual basis, without respect to whether breakthrough has occurred.

[**RULE 1176, 9-13-1996; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C2446]

E166.1 The operator shall keep all openings from this equipment closed when in use except for maintenance or repair.

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

[Devices subject to this condition : D992, D997, D1008, D1009, D1627]

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

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

An air pollution control equipment consisting of a selective catalytic reduction (SCR) system which is in full use and which has been issued an operating permit by the executive officer, except during startup or shutdown period.

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

[Devices subject to this condition : D1465]

E193.1 The operator shall construct this equipment according to the following specifications:

This heater shall be equipped with an oxygen analyzer to measure excess O_2 at its convection section or exhaust stack. The excess oxygen shall be maintained at a minimum of 1 percent, dry basis, except during startup and shutdown, or process upset.

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

[Devices subject to this condition : D1433, D1465]

E193.3 The operator shall operate and maintain this equipment according to the following specifications:

The operator shall comply with all applicable requirements specified in Subpart A of the 40CFR60

[**40CFR 60 Subpart A, 6-13-2007**]

[Devices subject to this condition : C1302, C1305, C1308, C1326]

E193.10 The operator shall construct, operate, and maintain this equipment according to the following specifications:

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

This tank shall be equipped with a fixed self-supporting roof with an internal floating deck. All rim vents shall be closed with a weighted mechanical actuation cover. This tank shall be equipped with a rim seal system consisting of a primary seal and a secondary seal meeting the specifications listed in Rule 1178(d)(1)(B).

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

[Devices subject to this condition : D1150]

E193.19 The operator shall construct, operate, and maintain this equipment according to the following specifications:

This tank shall be equipped with a rim seal system consisting of a primary and a secondary seal meeting the specifications listed in Rule 1178(d)(1)(B).

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

[Devices subject to this condition : D1199]

E193.22 The operator shall operate and maintain this equipment according to the following requirements:

1. This equipment shall only be operated for the purpose of providing power to drive a fire pump.

2. This equipment shall be operated for maintenance and testing, not to exceed 30 hours in any one year.

3. An engine operating log shall be kept in writing, listing the date of operation, the elapsed time, in hours, and the reason for operation. The log shall be maintained for a minimum of 5 years and made available to AQMD personnel upon request.

[RULE 1470, 6-1-2007]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 : D2776]

E193.24 The operator shall operate and maintain this equipment as follows:

This engine shall be a US EPA certified, non-road compression-ignition engine, as evidenced by the manufacturer's engine tag

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

[Devices subject to this condition : D2859]

E204.1 The operator shall maintain the petroleum coke storage, handling and receiving equipment according to the following specifications:

green coke storage piles shall be reasonably level and shall not be higher than one foot below the top of the back stop wall or twelve(12) feet whichever is lower

mobile equipment shall not operate on top of the green coke storage piles

no more than four (4) days of coker run shall be stored in this emergency storage area

each day of coker run stored in this emergency system shall be removed within 2 1/2 days after operation of the coke screen is resumed. (for example, if two days of coker run is stored it shall be removed within 5 days)

conveyor housing shall be kept closed at all times except during emergency maintenance

[RULE 1158, 7-11-2008]

[Devices subject to this condition : D148]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E204.2 The operator shall maintain the petroleum coke storage, handling and receiving equipment according to the following specifications:

any coke, coke fines or coke residue on the concrete emergency storage area and associated gutters shall be removed while still wet for processing or disposal after coke rerun within the time limit specified in condition 204-1

[RULE 1158, 7-11-2008]

[Devices subject to this condition : D148]

E204.3 The operator shall maintain the petroleum coke storage, handling and receiving equipment according to the following specifications:

conveyor housing shall be kept closed at all times except during necessary maintenance

[RULE 1158, 7-11-2008]

[Devices subject to this condition : D133, D134, D135, D136, D137, D138, D139, D140]

E204.4 The operator shall maintain the petroleum coke storage, handling and receiving equipment according to the following specifications:

fines which are recovered from conveyor return belts may be conveyed only by the belts carrying wet straight run coke or shall be transported by other carrier directly to the coke storage building

[RULE 1158, 7-11-2008]

[Devices subject to this condition : D127, D128, D129, D130, D131, D132, D133, D134, D135, D136, D137, D138, D139, D140]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E204.5 The operator shall maintain the petroleum coke storage, handling and receiving equipment according to the following specifications:

the emergency coker run conveyors nos. 16 and 17, rerun hopper and front end loader shall be washed of coke residue after each use

[RULE 1158, 7-11-2008]

[Devices subject to this condition : D147, D150]

E204.6 The operator shall maintain the petroleum storage, handling and receiving equipment according to the following specifications:

green coke from this emergency storage facility shall only be processed through the rerun conveyor no. 17 to the screen house

[RULE 1158, 7-11-2008]

[Devices subject to this condition : D150]

E336.2 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be directed to a vapor recovery system.

This equipment shall not be operated unless the vapor recovery system (consisting of three compressors operated independently or concurrently at any given time) is in full use and has a valid permit to receive vent gases from this equipment.

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

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 : D780, D781, D833, D844, D1067, D1073, D1074, D1080, D1081, D1083, D1085, D1086, D1087, D1102, D1113, D1114, D1115, D1116, D1117, D1127, D1128, D1134, D1135]

E336.3 The operator shall vent the vent gases from this equipment as follows:

All sour gases under normal operating conditions shall be directed to a sour water system via an eductor. When the tank pressure exceeds 2.5-inch water column, the tank may release excess pressure into the atmosphere via a pressure-controlled valve.

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

[Devices subject to this condition : D1137, D1138]

E336.5 The operator shall vent the vent gases from this equipment as follows:

All emergency vent gases shall be directed to vapor recovery system (process 21 System 4) or a flare system.

This equipment shall not be operated unless the vapor recovery system (consisting of three compressors operated independently or concurrently at any given time) or flare system is in full use and has a valid permit to receive vent gases from this equipment.

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

[Devices subject to this condition : D780, D781, D844]

E336.6 The operator shall vent the vent gases from this equipment as follows:

All acid gases under normal operating conditions shall be directed to the sulfur recovery units.

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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**]

[Devices subject to this condition : D839, D842]

E336.7 The operator shall vent the vent gases from this equipment as follows:

If the operator has not completed construction and commenced full operation of the new pressurized sphere (reference permit application No.434526) to replace existing tank D1112 (Tank 710) within 18 months after the date that the District issues all necessary permits to construct for the sphere, then the operator shall control vent gases from this device according to the following schedule:

No later than 20 months after the issuance of the permit(s) to construct for the Tank 710 sphere, the operator shall submit a complete application or applications for permit(s) to construct for all modifications necessary to ensure that all of the gases from any valve that, if opened, would release to the atmosphere will be directed to air pollution control equipment

Effective 18 months after the District takes action to issue or deny the permit(s) to construct for connection to air pollution control equipment, all gases from any valve that, if opened, would release to the atmosphere shall be directed to air pollution control equipment. This device shall not be operated thereafter unless this air pollution control equipment is in full use and has a valid permit or permits to receive vent gases from this device

This condition is effective until the proposed replacement of existing tank D1112 (Tank 710) with a new pressurized sphere (new Tank 710) as specified in permit application No.434526 is in full operation. This condition shall be void upon commencement of full operation of new Tank 710 and thereafter shall be unenforceable

[RULE 402, 5-7-1976]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 : D1113]

E336.8 The operator shall vent the vent gases from this equipment as follows:

All emergency vent gases shall be directed to the south area flare system.

This equipment shall not be operated unless the flare system is in full use and has a valid permit to receive vent gases from this equipment.

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

[Devices subject to this condition : D838, D841]

E336.13 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be directed to Thermal Oxidizer No.1 and/or Thermal Oxidizer No.2 of System 6 of Process 13.

This equipment shall not be operated unless either the Thermal Oxidizer No.1 and/or Thermal Oxidizer No.2 of System 6 of Process 13 are in full use and have a valid permit to receive vent gases from this equipment.

[**RULE 1176, 9-13-1996**]

[Devices subject to this condition : D830, D832]

H. Applicable Rules

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

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Contaminant	Rule	Rule/Subpart
H2S	40CFR60, SUBPART	J

[**40CFR 60 Subpart J, 6-24-2008**]

[Devices subject to this condition : D27, D29, D31, D33, D67, D69, D151, D153, D155, D250, D252, D416, D417, D418, D419, D421, D423, D425, D532, D535, D538, D539, D541, D570, D625, D626, D627, D628, D629, C910, D1226, D1227, D1233, D1234, D1236, D1237, D1239, D1240, C1326, D1439, D1465, C2413, D2837]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173
VOC	40CFR60, SUBPART	GGG

[**RULE 1173, 5-13-1994;** RULE 1173, 2-6-2009; **40CFR 60 Subpart GGG, 6-2-2008**]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 : D2459, D2460, D2461, D2462, D2463, D2464, D2465, D2466, D2467, D2468, D2469, D2470, D2471, D2472, D2473, D2474, D2475, D2476, D2477, D2478, D2479, D2481, D2482, D2483, D2484, D2485, D2486, D2487, D2488, D2489, D2490, D2491, D2492, D2493, D2494, D2495, D2496, D2497, D2500, D2501, D2502, D2503, D2504, D2505, D2506, D2507, D2508, D2509, D2510, D2511, D2512, D2513, D2514, D2515, D2516, D2517, D2518, D2519, D2520, D2521, D2527, D2528, D2529, D2530, D2531, D2532, D2533, D2534, D2536, D2538, D2539, D2540, D2541, D2542, D2543, D2544, D2545, D2546, D2585, D2586, D2587, D2588, D2589, D2590, D2591, D2613, D2614, D2615, D2675, D2676, D2677, D2678, D2878, D2882, D2883, D2885]

H23.4 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	1178
VOC	District Rule	463

[RULE 1149, 5-2-2008; **RULE 1178, 4-7-2006; RULE 463, 5-6-2005**]

[Devices subject to this condition : D1000, D1001, D1030, D1032]

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

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	Kb

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[**40CFR 60 Subpart Kb, 10-15-2003**]

[Devices subject to this condition : D1120, D1162, D1163, D1178, D2153]

H23.7 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 : D1173, D1177]

H23.8 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 : E2592, E2593, E2595]

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

Contaminant	Rule	Rule/Subpart
Chromium, Hexavalent	District Rule	1404

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1404, 4-6-1990]

[Devices subject to this condition : E2594]

H23.10 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1122

[**RULE 1122, 10-1-2004**]

[Devices subject to this condition : E2597]

H23.11 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 : E2599]

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

Contaminant	Rule	Rule/Subpart
Benzene	40CFR61, SUBPART	FF

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[**40CFR 61 Subpart FF, 12-4-2003**]

[Devices subject to this condition : D26, D78, D80, D169, D188, D190, D220, D265, D277, D354, D406, D408, D430, D663, D668, D712, D780, D796, D812, D815, D817, D844, D1000, D1001, D1030, D1032, D1067, D1072, D1087, D1098, D1113, D1114, D1120, D1127, D1134, D1135, D1143, D1150, D1188, D1194, D1195, D1196, D1199, D1201, C1302, C1305, D1306, C1308, D1309, D1325, C1326, D1327, D1328, D1402, D1424, D1596, D1604, D1644, D1645, D1646, D1648, D1649, D1978, D2056, D2058, D2340, D2368, D2395, D2850]

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

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	K

[**40CFR 60 Subpart K, 5-5-1989**]

[Devices subject to this condition : D80, D1147, D1148, D2840]

H23.14 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	QQQ

[**40CFR 60 Subpart QQQ, 10-17-2000**]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 : D992, D994, D995, D997, D998, D1007, D1008, D1009, D1010, D1013, D1014, D1015, D1016, D1030, D1032, D1627, D1637, D2008, D2009, D2010, D2011, D2012, D2013, D2601, D2787, D2811, D2835, D2880]

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

Contaminant	Rule	Rule/Subpart
PM	District Rule	1140

[**RULE 1140, 2-1-1980;** RULE 1140, 8-2-1985]

[Devices subject to this condition : D1280, D2149]

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

Contaminant	Rule	Rule/Subpart
NOX	40CFR60, SUBPART	GG
SOX	40CFR60, SUBPART	GG
H2S	40CFR60, SUBPART	J

[**40CFR 60 Subpart GG, 2-24-2006; 40CFR 60 Subpart J, 6-24-2008**]

[Devices subject to this condition : D1226, D1233, D1236, D1239]

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

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Contaminant	Rule	Rule/Subpart
H2S	40CFR60, SUBPART	J
NOX	40CFR60, SUBPART	Db

[**40CFR 60 Subpart Db, 1-28-2009; 40CFR 60 Subpart J, 6-24-2008**]

[Devices subject to this condition : D1227, D1234, D1237, D1240]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109
PM	District Rule	481

[**RULE 109, 5-2-2003; RULE 481, 1-11-2002**]

[Devices subject to this condition : D1267, D1268, D1269]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176
VOC	District Rule	464
VOC	District Rule	1123

[**RULE 1123, 12-7-1990; RULE 1176, 9-13-1996; RULE 464, 12-7-1990**]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 : D992, D997, D1004, D1005, D1006, D1008, D1009, D1010, D1627, D1637, D2008, D2009, D2010, D2011, D2012, D2013, D2752, D2754, D2755, D2757, D2759, D2761, D2787]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176

[**RULE 1176, 9-13-1996**]

[Devices subject to this condition : D2600]

H23.23 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109

[**RULE 109, 5-2-2003**]

[Devices subject to this condition : E2596]

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

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1411

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BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1411, 3-1-1991]

[Devices subject to this condition : E2595]

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

Contaminant	Rule	Rule/Subpart
HAPs	40CFR63, SUBPART	CC
VOC	District Rule	463
VOC	District Rule	1178
VOC	District Rule	1149
VOC	40CFR60, SUBPART	Kb

[RULE 1149, 5-2-2008; **RULE 1178, 4-7-2006; RULE 463, 5-6-2005; 40CFR 60 Subpart Kb, 10-15-2003; 40CFR 63 Subpart CC, 6-23-2003**]

[Devices subject to this condition : D1150, D1199]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176
VOC	District Rule	1123

[**RULE 1123, 12-7-1990; RULE 1176, 9-13-1996**]

[Devices subject to this condition : D2747, D2811]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

H23.28 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463

[**RULE 463, 5-6-2005**]

[Devices subject to this condition : D2790, D2791, D2792]

H23.29 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
SOX	District Rule	1118

[**RULE 1118, 11-4-2005**]

[Devices subject to this condition : C1302, C1305, C1308, C1326]

H23.30 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
HAPs	40CFR63, SUBPART	EEEE

[**40CFR 63 Subpart EEEE, 7-28-2006**]

[Devices subject to this condition : D730, D1072, D1075, D1078, D1079, D1089, D1092, D1093, D1098, D1139, D1141, D1599]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

H23.31 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
HAPs	40CFR63, SUBPART	GGGGG

[**40CFR 63 Subpart GGGGG, 11-29-2006**]

[Devices subject to this condition : D1103, D1111, D1120, D2885]

I. Administrative

I1.1 The operator shall comply with all the requirements of the conditions and compliance schedule as specified in the variance dated July 15, 2008, Case no. 5357-36, in accordance with the Findings and Decisions of the Hearing Board or as subsequently modified by the Hearing Board. The operator shall submit progress reports at least semi-annually, or more frequently if specified in the Findings and Decisions. The progress reports shall contain dates for achieving activities, milestones or compliance required in the schedule of compliance and dates when such activities, milestones or compliance were achieved; and an explanation of why any dates in the schedule of compliance were not, or will not be met, and any preventative or corrective measures adopted.

The variance (or Order for Abatement) referenced in this condition does not affect federal or citizen enforceability of the underlying SIP approved rules for which the applicant is receiving the variance (or Order for Abatement).

[**RULE 3004(a)(10)(C), 12-12-1997**]

[Devices subject to this condition : C1302, C1305, C1308, C1326]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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.

[**RULE 2005, 5-6-2005**]

[Devices subject to this condition : D730, C2413]

I296.2 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 of NOx RTCs of 2,633 lbs and a minimum of SOx RTCs of 35 lbs.

In accordance with Rule 2005(f), unused RTCs may be sold only during the reconciliation period for the fourth quarter of the applicable compliance year inclusive of the 1st compliance year.

[**RULE 2005, 5-6-2005**]

[Devices subject to this condition : D2776]

J. Rule 461

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[RULE 461, 3-7-2008]

[Devices subject to this condition : D1276]

J119.1 A CARB certified pressure/vacuum relief valve shall be installed on the tank vent stack and shall be set as specified in CARB order G-70-140

[RULE 461, 3-7-2008]

[Devices subject to this condition : D1277]

J373.1 The operator shall comply with the following gasoline transfer and dispensing requirements:

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

Nitrogen Flowrates (CFH)	Dynamic Back Pressure (Inches of Water)
20	0.15
40	0.16
60	0.35
80	0.62
100	0.95

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 48 hours of tests.

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). At least once every year, a static pressure leak decay test shall be conducted to demonstrate that the storage tanks, the remote and/or nozzle vapor recovery check

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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 thirty (30) days 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 twenty-four 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 thirty (30) days 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 twenty-four 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.

[RULE 461, 3-7-2008]

[Devices subject to this condition : D1277]

K. Record Keeping/Reporting

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

K40.1 The operator shall provide to the District a source test report in accordance with the following specifications:

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 mass rate (lbs/hr). In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

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

[Devices subject to this condition : C2413]

K40.3 The operator shall provide to the District a source test report in accordance with the following specifications:

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 mass rate (lbs/hr). In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

Source test results shall also include fuel gas usage under which the test was conducted.

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 404, 2-7-1986; RULE 409, 8-7-1981**]

[Devices subject to this condition : D629]

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
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

fuel rate consumed

heating value of the fuel gas (HHV)

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

[Devices subject to this condition : D532, D539, D541, D1439]

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

Fuel heating value

Fuel rate

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

[Devices subject to this condition : D27, D31, D63, D69, D151, D153, D155, D252, D416, D417, D418, D419, D421, D425, D629]

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

Type and quantity of fuel usage, ammonia usage, actual and corrected outlet NOX emission concentration

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

[Devices subject to this condition : D1226, D1233, D1236, D1239]

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

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The date of operation, the elapsed time in hours

[RULE 1110.2, 2-1-2008; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;** RULE 1470, 6-1-2007; **RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D1997, D1998, D2416, D2417, D2418, D2776]

K67.5 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Throughput and vapor pressure of stored liquid.

[**RULE 1178, 4-7-2006; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 463, 5-6-2005**]

[Devices subject to this condition : D800, D801, D909, D1000, D1001, D1067, D1069, D1070, D1071, D1072, D1073, D1074, D1075, D1078, D1079, D1080, D1081, D1083, D1084, D1085, D1086, D1087, D1089, D1090, D1091, D1092, D1093, D1098, D1099, D1102, D1103, D1104, D1107, D1108, D1109, D1110, D1111, D1116, D1120, D1121, D1122, D1123, D1124, D1125, D1126, D1128, D1130, D1139, D1140, D1141, D1142, D1144, D1145, D1146, D1153, D1159, D1160, D1164, D1165, D1175, D1185, D1186, D1187, D1193, D2789]

K67.6 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

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BP WEST COAST PROD.LLC BP CARSON REF.

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 1113, 11-8-1996;** RULE 1113, 7-13-2007; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : E2598]

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

The name of the person performing the inspection and/or maintenance of the filter media

The date, time, and results of the inspection

The date, time, and description of any maintenance or repairs resulting from the inspection

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984;** RULE 401, 11-9-2001; **RULE 404, 2-7-1986**]

[Devices subject to this condition : D1268, D1269, C1329, C2151]

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
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The date, time, and description of any maintenance or repairs resulting from the inspection

The name of the person performing the inspection and/or maintenance of the water wash chamber

The date, time, and results of the inspection

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984;** RULE 401, 11-9-2001; **RULE 404, 2-7-1986; RULE 481, 1-11-2002**]

[Devices subject to this condition : D1267]

K67.11 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Catalyst replacement schedule, start of catalyst cycle, and start of normal operation.

Heater firing rate during the start of catalyst cycle.

Heater firing rate during normal operations- lower catalyst activity.

Daily emissions rate of ROG, CO and PM using Form R-2 of the Annual Emission Report.

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

[Devices subject to this condition : D417, D418]

K67.12 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Throughput and vapor pressure of stored liquid.

Hydrocarbon concentration measurements done in the vapor space above the floating roof of the tank.

Other records that may be required to comply with the applicable requirements of District Rules 463, 1149, 1178, and 40CFR63 Subpart CC.

Records shall be maintained and kept on file for at least five years and shall be made available to the Executive Officer or his authorized representative upon request.

[RULE 1149, 5-2-2008; **RULE 1178, 4-7-2006; RULE 463, 5-6-2005; 40CFR 63 Subpart CC, 6-23-2003**]

[Devices subject to this condition : D1154, D1155, D1156, D1157, D1158, D1161, D1166, D1167, D1168, D1169, D1170, D1171, D1172, D1173, D1174, D1176, D1177, D1178, D1179, D1180, D1181, D1182, D1183, D1184, D1188, D1190, D1194, D1195, D1196, D2850]

K67.13 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Tank throughput, in barrel per month, and vapor pressure, in psia, of the stored liquid.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D1105]

K67.14 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Throughput, in barrels per hour

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 402, 5-7-1976]

[Devices subject to this condition : D833, D1113, D1114]

K67.16 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Monitor and replacement of carbon canister

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

[Devices subject to this condition : C1002, C1628, C1630, C1632, C1635, C1638, C1640, C2014, C2445, C2446, C2748, C2753, C2756, C2758, C2760, C2762, C2788, C2812, C2881, C2886]

K67.17 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 maintained on file to record when this engine is started manually. The log shall list the date of operation, the timer reading in hours at the beginning and end of operation, and the reason for operation. The total hours of operation (including hours for manual and automatic operation) shall be recorded sometime during the first 15 days of January of each year.

[RULE 1110.2, 2-1-2008; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;** RULE 1470, 6-1-2007; **RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D2859]

K67.20 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Tank throughput in barrels per calendar month.

The operator shall operate and maintain an automatic tank level gauge (ATLG) and recorder to continuously measure and record the liquid surface level movement. The throughput, in barrels, shall be calculated using the following equation: 0.14 x D x D x L, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way liquid surface level travel in feet per month. For the purpose of this condition, continuous recording is defined as once per hour.

Alternately, for tanks which do not have an ATLG device, the operator may use engineering calculations with parameters obtained from process records, shipping invoices, manual tank level gauging, etc to calculate throughput of the tank.

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

[Devices subject to this condition : D1098, D1104, D1106, D1115, D1117, D1127, D1134, D1135, D1136, D1141, D1142, D1143, D1144, D1147, D1148, D1162, D1163, D1180, D1184, D2153]

K67.21 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The operator shall determine the true vapor pressure of each material stored in the equipment by one of the following methods: 1) sample and test the materials stored, 2) derive the vapor pressure using engineering calculations, or 3) maintain on file a copy of the Material Safety Data Sheet (MSDS) of the material stored.

Records of material stored, and their MSDS if applicable, shall be retained for a period of five years and made available to the Executive Officer upon request.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

FACILITY PERMIT TO OPERATE
BP WEST COAST PROD.LLC BP CARSON REF.

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 : D80, D1000, D1001, D1069, D1070, D1071, D1072, D1084, D1085, D1090, D1091, D1103, D1104, D1111, D1115, D1117, D1119, D1120, D1122, D1128, D1130, D1140, D1147, D1148, D1162, D1163, D1164, D1193, D2789, D2850]

K171.1 The operator shall provide to the District the following items:

Final drawings and/or specifications of the geodesic dome cover to be installed/constructed shall be submitted to the District within 30 days prior to its construction.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D1179, D1182, D2850]

K171.2 The operator shall provide to the District the following items:

Final drawings and/or specifications of floating roof seals and deck fittings upgrade shall be submitted to the District within 30 days after its construction.

[**RULE 1178, 4-7-2006**]

[Devices subject to this condition : D1164, D1193]