



**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					
System 11: SUMP, COVERED AND CONTROLLED, SPENT ACID, pH ADJUSTMENT					
SUMP, SPENT H2SO4 & STORM/WASHDOWN WATER, LOCATED AT ALKYLATION UNIT, RW 3904-271.02, COVERED, 8195 GALLONS, W: 7 FT 2 IN; L: 14 FT 6 IN; D: 10 FT 6.5 IN, WITH TWO COMPARTMENTS: ONE FOR pH ADJUSTMENT WITH A MIXER & ONE FOR STORM/WASHDOWN WATER COLLECTION A/N: 404240	DX1	CX2		VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]; VOC: 500 PPMV (8) [40CFR 60 Subpart QQQ, 10-17-2000]; VOC: 500 PPMV (4) [RULE 1303(a)-BACT, 5-10-1996]	S13.12 S13.13x
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 1000 LBS EACH A/N: 404240	CX2	DX1			D90.22x E128.3 E153.9x
Process 10: PETROLEUM MISCELLANEOUS					
System 16: SUMP, COVERED, SPENT ACID, pH ADJUSTMENT					
SUMP, SPENT H2SO4 & STORM/WASHDOWN WATER, LOCATED AT TANK FARM AREA, RW xxx-xxx.xx, COVERED, 4951 GALLONS, W: 7 FT 8 IN; L: 12 FT 4 IN; D: 7 FT, WITH TWO COMPARTMENTS: ONE FOR pH ADJUSTMENT WITH A MIXER & ONE FOR STORM/WASHDOWN WATER COLLECTION A/N: 547751	DX1				

SYSTEM CONDITIONS

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 9, System 11; Process 12, System 16, 17]

S13.13x All devices under this system are 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]

- (1) Denotes RE CLAIM emission factor
- (2) 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
- (7) Denotes NSR applicability limit
- (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAP, etc.)
- (9) See App B Env Emission Limits
- (10) See Section I for NESHAP/MACT requirements

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



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

DEVICE CONDITIONS

D90.22x 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. Monitoring shall be conducted when there is actual flow to the carbon canister (at sump filling period) unless no filling is expected to occur before the next required monitor

[RULE 1176, 9-13-1996; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]
[Devices subject to this condition: Cx2]

E128.3 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 1401, 9-10-2010]
[Devices subject to this condition: C2910, Cx2]

E153.9x The operator shall change over the spent carbon with activated carbon, within 24 hours, 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 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.

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.

[RULE 1176, 9-13-1996; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]
[Devices subject to this condition: Cx2]

- (1) Denotes RE CLAIM emission factor
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- (6) Denotes air toxic control rule
- (7) Denotes NSR applicability limit
- (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAP, 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.