



**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	Emission* And Requirements	Conditions
Process 16: PETROLEUM STORAGE TANKS					
System 1: <del>FIXED ROOF TANKS</del> System 5: STORAGE TANKS, OTHER					S13.8
STORAGE TANK, FIXED ROOF, TK-173R, <del>OCTEL</del> ADDITIVE RA-560, 12500 GALS, DIAMETER: 13 FT; HEIGHT: 12 FT 8 IN A/N: 395836-546960	D2612			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	B22.10, C1.41, <del>K67.20</del> , K67.21, <del>K67.xx</del>

**CONDITIONS:**

**PROCESS CONDITIONS**

None

**SYSTEM CONDITIONS**

S13.8 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	1178

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

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

**B. Material/Fuel Type Limits**

B22.10 The operator shall not use this equipment with materials having a(n) True vapor pressure of 0.35 psia or greater under actual operating conditions.

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

[Devices subject to this condition: D2612]

**C. Throughput or Operating Parameter Limits**

C1.41 The operator shall limit the throughput to no more than ~~2083~~ **16000** gallons(s) per in any one calendar month.

The operator shall calculate the throughput, in barrels, by the following equation:  $0.14 \times D \times D \times L$ , 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 purpose of this condition, continuous recording is defined as once per hour.



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**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 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]

[Devices subject to this condition: D2612]

#### **K. Record Keeping/Reporting**

K67.20 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

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:  $0.14 \times D \times D \times L$ , where D is the diameter of the tank in feet based on the tank stripping 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 the throughput of the tank.

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

[Devices subject to this condition: ..., D2612]



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

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]**

[Devices subject to this condition: ... D2612 ...]

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

**Tank throughput in barrels per calendar month.**

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

**[Devices subject to this condition: D2612]**