



## FACILITY PERMIT TO OPERATE PARAMOUNT PETR CORP (EIS USE)

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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
<b>Process 8 : LOADING/UNLOADING FACILITIES</b>					
<b>System 29: ORGANIC TANK/RAIL CAR LOADING/UNLOADING FACILITY, SPUR 3</b>					S4.3, S31.x
LOADING ARM, RAIL CAR, TANK CAR, SPUR 3, GASOIL, SWIVEL TYPE WITH LOADING VALVES AND DROP TUBE, 4 TOTAL; DIAMETER: 4 IN A/N: 535697 Permit to Construct Issued:	D855				C1.43
UNLOADING ARM, TANK/RAIL CAR, SPUR 3, GASOIL, CRUDE OIL, 4 TOTAL; DIAMETER: 4 IN A/N: 535697 Permit to Construct Issued:	Dxxx				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 535697 Permit to Construct Issued:	D856				H23.2

* (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 limits(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.

† This permit to construct was issued to the previous operator at a prior date. The equipment was constructed and the permit was subsequently transferred to this operator



## FACILITY PERMIT TO OPERATE PARAMOUNT PETR CORP (EIS USE)

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

#### CONDITIONS

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):

The following conditions shall apply to the gas oil loading equipment only.

All valves shall be physically identified in the field with special marking that distinguish the components from BACT components.

Non-bellows seal valves and other non-valve fugitive components shall not have detectable leaks exceeding 5 ppm. A detectable leak greater than 5 ppm shall be repaired within 14 calendar days after detection of the leak.

All non-bellows seal valves shall be inspected monthly using EPA Method 21. The operator may begin quarterly inspections, upon District approval, after two consecutive monthly inspections in which only two per cent or less of non-bellows seal valves are found to have detectable leaks above 5 ppm.

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 Executive Officer of his authorized representative upon request.

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

[Systems subject to this condition: Process 8, System 29]

S31.4 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 535697 (Unloading Facility Only):

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

All new light liquid pumps shall utilize double seals.



## FACILITY PERMIT TO OPERATE PARAMOUNT PETR CORP (EIS USE)

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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, 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 Reference 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 light liquid and 100 ppm for heavy liquid 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 of less than 500 ppmv for light liquid and 100 ppm for heavy liquid.

All components in VOC service a leak greater than 500 ppm for light liquid and 100 ppm for heavy liquid 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.

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 Executive Officer of his authorized representative upon request.



**FACILITY PERMIT TO OPERATE  
PARAMOUNT PETR CORP (EIS USE)**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

**[Rule 1303(a)(1)-BACT, 5-10-1996; Rule 1303(a)(1)-BACT, 12-6-2002; Rule 1303(b)(2)-Offset, 5-10-1996; Rule 1303(b)(2)-Offset, 12-6-2002]**  
[Systems subject to this condition: Process 8, System 29]

C1.43 The operator shall limit the throughput to no more than 400,000 barrel(s) in any one calendar month.

For the purpose of this condition, throughput shall be defined as amount of gas oil loaded in Tank/Rail Car Spur 3.

To comply with this condition, the operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s): Date, time and total quantity (in barrels) of gas oil that is loaded and total quantity of gas oil loaded through the loading racks during each month.

**[Rule 1303(b)(2)- Offset, 5-10-1996; Rule 1303(b)(2)- Offset, 12-6-2002]**  
[Devices subject to this condition: D855]

H23.2 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

**[Rule 1173, 5-13-1994; Rule 1173, 2-6-2009]**  
[Devices subject to this condition: D856]