

# **FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL**

## **Facility Equipment and Requirements (Section D)**

This section consists of a table listing all permitted equipment at the facility, facility wide requirements, all individual Permits to Operate issued to various equipment at the facility, and Rule 219-exempt equipment subject to source-specific requirements. Each permit and Rule 219-exempt equipment will list operating conditions including periodic monitoring requirements, and applicable emission limits and requirements. Also included are the rule origin and authority of each emission limit and permit condition.

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMITTED EQUIPMENT LIST

THE FOLLOWING IS A LIST OF ALL PERMITS TO OPERATE AT THIS FACILITY:

| <b>Application Number</b> | <b>Permit to Operate No.</b> | <b>Equipment Description</b>                        | <b>Page Number</b> |
|---------------------------|------------------------------|---|--------------------|
| 395549                    | R-F50261                     | ICE (50-500 HP) EMERGENCY ELECT. GENERATOR (375BHP) | 4                  |
| 395551                    | R-F50262                     | ICE (50-500 HP) EMERGENCY ELECT. GENERATOR (155BHP) | 5                  |
| 395569                    | F50274                       | STORAGE TANK(#951) MISC ORGANIC MATERIALS           | 6                  |
| 395582                    | F50282                       | BULK UNLOAD TANK TRUCK (1 RACK) GASOLINE            | 7                  |
| 395585                    | F50285                       | STORAGE TANK(#940) DOMED EXT FL ROOF HYDROCAR       | 8                  |
| 396174                    | F59238                       | BULK UNLOADING RACK ETHANOL                         | 9                  |
| 409789                    | F65277                       | STORAGE TANK(#941) DOMED EXT FL ROOF HYDROCAR       | 11                 |
| 420775                    | F94487                       | STORAGE TANK(#930) DOMED EXT FL ROOF HYDROCAR       | 13                 |
| 430643                    | F94488                       | STORAGE TANK(#934) DOMED EXT FL ROOF HYDROCAR       | 14                 |
| 430749                    | F94489                       | STORAGE TANK(#933) DOMED EXT FL ROOF HYDROCAR       | 15                 |
| 442943                    | R-G24098                     | STORAGE TANK(#931) DOMED EXT FL ROOF HYDROCAR       | 16                 |
| 449628                    | F82041                       | STORAGE TANK(#950) MISC ORGANIC MATERIALS           | 18                 |
| 450830                    | G23276                       | VAPOR RECOVERY(FLARE) SERVING BULK LOADING          | 19                 |
| 450831                    | G23277                       | BULK LOADING RACK(#1) GASOLINE                      | 21                 |
| 450832                    | G23278                       | BULK LOADING RACK(#2) GASOLINE                      | 24                 |
| 450833                    | G23279                       | BULK LOADING RACK(#3) GASOLINE                      | 27                 |
| 450834                    | G23280                       | BULK LOADING RACK(#4) GASOLINE                      | 30                 |
| 450835                    | G23281                       | BULK LOADING RACK(#5) GASOLINE                      | 33                 |
| 450836                    | G23282                       | BULK LOADING RACK(#6) GASOLINE & DIESEL             | 36                 |
| 450837                    | G23285                       | BULK LOADING RACK(#7) DIESEL                        | 39                 |
| 450838                    | G23286                       | BULK LOADING RACK(#8) DIESEL                        | 41                 |
| 450864                    | G24096                       | WASTE WATER TREATMENT >50,000 GPD                   | 43                 |
| 452738                    | G23287                       | VAPOR RECOVERY(CARBON #1) SERVING BULK LOADING      | 45                 |
| 452740                    | G23288                       | VAPOR RECOVERY(CARBON #2) SERVING BULK LOADING      | 48                 |
| 457600                    | F85072                       | STORAGE TANK(#943) DOMED EXT FL ROOF HYDROCAR       | 51                 |
| 472717                    | R-G24099                     | STORAGE TANK(#942) DOMED EXT FL ROOF HYDROCAR       | 53                 |
| 496950                    | G18842                       | STORAGE TANK(#932) DIESEL                           | 55                 |

**NOTE:** ANY APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT OR PERMITS TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT.

## **FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL**

### **FACILITY WIDE CONDITION(S)**

**Condition(s):**

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 RINGLEMANN 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]
- 2) THE FACILITY SHALL NOT USE DIESEL FUEL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 15 PPM BY WEIGHT AS SUPPLIED BY THE SUPPLIER.  
[RULE 431.2]
- 3) **THE OPERATOR SHALL LIMIT THE TOTAL COMBINED THROUGHPUT OF ALL MATERIALS FROM TANKS 930, 931, 932, 933, 934, 940, 941, 942, 943, 950 AND 951 TO NO MORE THAN 181,145,741 GALLONS IN ANY ONE CALENDAR MONTH. A FLOW MEASURING DEVICE, THAT MEASURES THE TOTAL THROUGHPUT FOR LOADING RACK NUMBERS 1, 2, 3, 4, 5, 6, 7, AND 8, SHALL RECORD THE TOTAL COMBINED LOADING THROUGHPUT OF ALL MATERIALS TO SHOW COMPLIANCE WITH THIS CONDITION. THROUGHPUT RECORDS SHALL BE KEPT AND MAINTAINED FOR AT LEAST FIVE YEARS IN A METHOD APPROVED BY THE SCAQMD.**  
[RULE 1303(b)(2) – OFFSETS, RULE 1313(g) – Emission Limitation]

# FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

## PERMIT TO OPERATE

Permit No. R-F50261  
A/N 395549

### Equipment Description:

EMERGENCY ELECTRICAL GENERATOR, DRIVEN BY A CUMMINS DIESEL INTERNAL COMBUSTION ENGINE, MODEL NO. NT855-G4, 6 CYLINDERS, TURBOCHARGED WITH AFTERCOOLER, 375 BHP.

### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) THIS INTERNAL COMBUSTION ENGINE SHALL NOT OPERATE MORE THAN 199 HOURS IN ANY ONE YEAR, WHICH INCLUDE NO MORE THAN 20 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING.  
[RULE 1304(a)(4)-MODELING AND OFFSET EXEMPTION, RULE 1470]
- 4) A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1304(a)(4)-MODELING AND OFFSET EXEMPTION, RULE 1470]
- 5) A WRITTEN LOG RECORDING THE DATE OF OPERATION, ELAPSED TIME IN HOURS, AND REASON FOR OPERATION SHALL BE KEPT ON FILE FOR THE MOST RECENT FIVE YEAR PERIOD AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1304(a)(4)-MODELING AND OFFSET EXEMPTION, RULE 1470]

**Periodic Monitoring:** NONE

### Emissions and Requirements:

- 6) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
PM: RULE 404 (SEE APPENDIX B FOR EMISSION LIMITS)  
PM: RULE 1470

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

**Permit No. R-F50262**  
**A/N 395551**

**Equipment Description:**

EMERGENCY ELECTRICAL GENERATOR DRIVEN BY A KOMATSU DIESEL INTERNAL COMBUSTION ENGINE, MODEL NO. S6D105-I, 6 CYLINDERS, TURBOCHARGED, 155 BHP.

**Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) THIS INTERNAL COMBUSTION ENGINE SHALL NOT OPERATE MORE THAN 199 HOURS IN ANY ONE YEAR, WHICH INCLUDE NO MORE THAN 20 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING.  
[RULE 1304(a)(4)-MODELING AND OFFSET EXEMPTION, RULE 1470]
- 4) A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
[RULE 1304(a)(4)-MODELING AND OFFSET EXEMPTION, RULE 1470]
- 5) A WRITTEN LOG RECORDING THE DATE OF OPERATION, ELAPSED TIME IN HOURS, AND REASON FOR OPERATION SHALL BE KEPT ON FILE FOR THE MOST RECENT FIVE YEAR PERIOD AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1304(a)(4)-MODELING AND OFFSET EXEMPTION, RULE 1470]

**Periodic Monitoring:: NONE**

**Emissions and Requirements:**

- 6) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
PM: RULE 404 (SEE APPENDIX B FOR EMISSION LIMITS)  
PM: RULE 1470

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

**Permit No. F50274**  
**A/N 395569**

**Equipment Description:**

STORAGE TANK NO. 951, FIXED ROOF, ABOVEGROUND, 11'-0" DIA. X 17'-6" H., 12,000 GALLONS CAPACITY.

**Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 1.5 PSIA OR GREATER UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 463, RULE 1303(b)(2) OFFSETS]
- 4) THROUGHPUT OF PRODUCTS STORED IN THIS TANK SHALL NOT EXCEED 30 TURNOVERS PER YEAR.  
[RULE 1303(b)(2) OFFSETS]
- 5) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, OF THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUIDS.  
[RULE 463]

**Periodic Monitoring:** NONE

**Emissions and Requirements:** NONE

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

**Permit No. F50282**  
**A/N 395582**

#### **Equipment Description:**

TANK TRUCK UNLOADING RACK CONSISTING OF:

1. UNLOADING ARM, WITH HOSE CONNECTION AND A 4" CAM LOCK PUMP BACK CONNECTION AND A 3" CAM LOCK VAPOR RECOVERY SYSTEM CONNECTION.
2. UNLOADING PUMP, 125 GPM, WITH TANDEM MECHANICAL SEALS AND A 25 HP MOTOR, VENTED TO A VAPOR RECOVERY SYSTEM.
3. STRAINER WITH AIR ELIMINATOR VENTED TO VAPOR RECOVERY SYSTEM.

#### **Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE VAPOR RETURN LINE AND THE TRANSFER PUMP SEALS ARE VENTED TO AN AIR POLLUTION CONTROL DEVICE WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER. FOR THE PURPOSE OF THIS CONDITION, "FULL USE" SHALL MEAN THAT AT LEAST ONE OF THE VAPOR HOLDING TANKS IN THE "VAPOR COLLECTION SYSTEM" IS IN FULL OPERATION.  
[RULE 1303(a)(1) - BACT]

**Periodic Monitoring: NONE**

#### **Emissions and Requirements:**

- 4) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

**Permit No. F50285**  
**A/N 395585**

**Equipment Description:**

STORAGE TANK NO. 940, DOMED EXTERNAL FLOATING ROOF, 144'-0" DIA. X 46'-0" H., 134,000 BBL CAPACITY, RIVETED SHELL.

**Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 569 MM HG (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 463]
- 4) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, OF THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUIDS.  
[RULE 463]
- 5) THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL ROOF SHALL NOT EXCEED 30% OF THE LOWER EXPLOSIVE LIMIT.  
[RULE 463, RULE 1178]

**Periodic Monitoring: NONE**

**Emissions and Requirements:**

- 6) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
HAP/TOC: 40CFR63 SUBPART R  
VOC: RULE 463  
VOC: RULE 1149  
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)  
VOC: RULE 1178

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

Permit No. F59238  
A/N 396174

#### Equipment Description:

BULK ETHANOL UNLOADING RACK CONSISTING OF TWO UNLOADING STATIONS, EACH WITH A FOUR INCH DIAMETER DRY BREAK COUPLER, AND TWO 25 HP ETHANOL TRANSFER PUMPS WITH DRY RUNNING TANDEM MECHANICAL SEALS.

#### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) OPERATION, INSPECTION, AND MAINTENANCE OF RACK COMPONENTS SHALL BE CONDUCTED ACCORDING TO THE REQUIREMENTS LISTED BELOW:
  - A. ALL NEW FUGITIVE COMPONENTS IN VOC SERVICE EXCEPT VALVES AND FLANGES SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL NEW VALVES AND FLANGES IN VOC SERVICE SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
  - B. FOR ALL NEW FUGITIVE COMPONENTS IN VOC SERVICE, ANY LEAK GREATER THAN 500 PPM ABOVE BACKGROUND, MEASURED AS METHANE 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.
  - C. IF 98 PERCENT OR MORE OF THE NEW VALVES (NON-BELLOWS-SEALED) AND FLANGES ARE FOUND TO BE LEAK FREE (LESS THAN 500 PPM FOR TWO CONSECUTIVE MONTHS), THE OPERATOR MAY ELECT TO IMPLEMENT A QUARTERLY INSPECTION PROGRAM WITH THE APPROVAL OF THE DISTRICT.
  - D. THE OPERATOR SHALL KEEP RECORDS OF THE REQUIRED LEAK, SUBSEQUENT REPAIR, AND REINSPECTION, IN A MANNER APPROVED BY THE DISTRICT.  
[RULE 1303(a)(1) - BACT]

Periodic Monitoring: NONE

## **FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL**

### **Emissions and Requirements:**

- 4) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)

# FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

## PERMIT TO OPERATE

**Permit No. F65277  
A/N 409789**

### **Equipment Description:**

STORAGE TANK NO. 941, DOMED EXTERNAL FLOATING ROOF, DOUBLE DECK TYPE, 144'-0" DIA. X 48'-0" H., 138,095 BBL. CAPACITY, RIVETED SHELL, WITH A SHOE TYPE PRIMARY SEAL AND A WIPER TYPE SECONDARY SEAL.

### **Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) 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.  
[RULE 463]
- 4). THIS TANK SHALL NOT BE USED FOR STORING PURE ORGANIC COMPOUNDS.  
[RULE 204]
- 5) THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTHS INTERVALS. THE HYDROCARBON CONCENTRATION BEING MONITORED SHALL NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT.  
[RULE 463, RULE 1178]
- 6) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, OF THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUIDS.  
[RULE 463]

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

- 7) THE OPERATOR SHALL KEEP RECORDS. IN A MANNER APPROVED BY THE DISTRICT FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
- A. MEASUREMENTS OF HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF OF THE TANK AS DESCRIBED IN CONDITION NO. 6.
  - B. OTHER RECORDS REQUIRED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE SECTIONS OF DISTRICT RULES 463, AND 1178.

RECORDS SHALL BE MAINTAINED AND KEPT ON FILE AN SHALL BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.  
[RULE 463, RULE 1178]

**Periodic Monitoring:** NONE

### **Emissions and Requirements:**

- 8) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- HAP/TOC: 40CFR63 SUBPART R
  - VOC: RULE 463
  - VOC: RULE 1149
  - VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)
  - VOC: RULE 1178

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

**Permit No. F94487**  
**A/N 420775**

**Equipment Description:**

STORAGE TANK NO. 930, DOMED EXTERNAL FLOATING ROOF, PONTOON TYPE, 117'- 9" DIA. X 42' 0" H., 3,425,000 GALLONS CAPACITY, RIVETED SHELL, WITH A SHOE TYPE PRIMARY SEAL & A SECONDARY SEAL.

**Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED DOES NOT EXCEED 30% OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTH INTERVALS.  
[RULE 463, RULE 1178]
- 4) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, OF THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUIDS, HYDROCARBON CONCENTRATION MEASUREMENTS OF THE VAPOR SPACE ABOVE THE FLOATING ROOF OF THE TANK, AND OTHER RECORDS THAT MAY BE REQUIRED TO COMPLY WITH THE APPLICABLE REQUIREMENTS OF DISTRICT RULES 463 AND 1178.  
[RULE 463, RULE 1178]

**Periodic Monitoring: NONE**

**Emissions and Requirements:**

- 5) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

|          |  |
|----------|--|
| HAP/TOC: | 40CFR63 SUBPART R                              |
| VOC      | RULE 463                                       |
| VOC      | RULE 1149                                      |
| VOC      | RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991) |
| VOC      | RULE 1178                                      |

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

Permit No. F94488  
A/N 430643

#### Equipment Description:

STORAGE TANK NO. 934, DOMED EXTERNAL FLOATING ROOF, 144'-0" DIA. X 48' 0" H., 5,850,000 GALLONS CAPACITY, RIVETED SHELL, PONTOON FLOATING ROOF, WITH A MECHANICAL SHOE TYPE PRIMARY SEAL & A WIPER TYPE SECONDARY SEAL.

#### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED DOES NOT EXCEED 30% OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTH INTERVALS.  
[RULE 463, RULE 1178]
- 4) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, OF THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUIDS, HYDROCARBON CONCENTRATION MEASUREMENTS OF THE VAPOR SPACE ABOVE THE FLOATING ROOF OF THE TANK, AND OTHER RECORDS THAT MAY BE REQUIRED TO COMPLY WITH THE APPLICABLE REQUIREMENTS OF DISTRICT RULES 463 AND 1178.  
[RULE 463, RULE 1178]

**Periodic Monitoring:** NONE

#### Emissions and Requirements:

- 5) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

|          |  |
|----------|--|
| HAP/TOC: | 40CFR63 SUBPART R                              |
| VOC      | RULE 463                                       |
| VOC      | RULE 1149                                      |
| VOC      | RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991) |
| VOC      | RULE 1178                                      |

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

**Permit No. F94489**  
**A/N 430749**

#### Equipment Description:

STORAGE TANK NO. 933, DOMED EXTERNAL FLOATING ROOF, 144' -0" DIA. X 46' -0" H, 132,000 BARRELS CAPACITY, RIVETED SHELL, DOUBLE DECK FLOATING ROOF, WITH A MECHANICAL SHOE TYPE PRIMARY SEAL AND A RIM-MOUNTED, WIPER-TYPE SECONDARY SEAL.

#### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED DOES NOT EXCEED 30% OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTH INTERVALS.  
[RULE 463, RULE 1178]
- 4) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, OF THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUIDS, HYDROCARBON CONCENTRATION MEASUREMENTS OF THE VAPOR SPACE ABOVE THE FLOATING ROOF OF THE TANK, AND OTHER RECORDS THAT MAY BE REQUIRED TO COMPLY WITH THE APPLICABLE REQUIREMENTS OF DISTRICT RULES 463 AND 1178.  
[RULE 463, RULE 1178]

**Periodic Monitoring: NONE**

#### Emissions and Requirements:

- 5) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
HAP/TOC: 40CFR63 SUBPART R  
VOC RULE 463  
VOC RULE 1149  
VOC RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)  
VOC RULE 1178

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

Permit No. R-G24098  
A/N 442943

#### Equipment Description:

STORAGE TANK NO. 931, DOMED EXTERNAL FLOATING ROOF, PONTOON TYPE, 117' 9-3/5" DIA. X 42' 0" H., 3,425,000 GALLONS CAPACITY, RIVETED SHELL, WITH A MECHANICAL SHOE PRIMARY SEAL AND A RIM-MOUNTED WIPER-TYPE SECONDARY SEAL.

#### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- ~~3) THE OPERATOR SHALL LIMIT THE THROUGHPUT FROM THIS TANK TO NO MORE THAN 6,000,000 GALLONS IN ANY ONE MONTH. A FLOW MEASURING DEVICE, LOCATED AT LOADING RACK NOS. 1, 2, 3, 4, 5, 6, 7, AND 8, SHALL RECORD THE THROUGHPUT TO SHOW COMPLIANCE WITH THIS CONDITION.  
[RULE 1303(b)(2) - OFFSETS]~~
- 3) THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUIDS HAVING A REID VAPOR PRESSURE EXCEEDING RVP 13.5.  
[RULE 1303(b)(2) - OFFSETS]
- 4) THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED DOES NOT EXCEED 30 PERCENT OF ITS LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTHS INTERVALS.  
[RULE 463, RULE 1178]
- 5) THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT FOR AT LEAST FIVE YEARS, AND MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE.  
[RULE 463, RULE 1149, RULE 1173, RULE 1178, RULE 1303(b)(2) - OFFSETS, 40CFR 63 SUBPART R]

Periodic Monitoring: NONE

## **FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL**

### **Emissions and Requirements:**

- 6) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

HAP/TOC: 40CFR 63 SUBPART R

VOC: RULE 463

VOC: RULE 1149

VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)

VOC: RULE 1178

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

**Permit No. F82041**  
**A/N 449628**

**Equipment Description:**

STORAGE TANK NO. 950, FIXED ROOF, ABOVEGROUND, 11'-0"DIA. X 35'-0"H, 24,000 GALLONS CAPACITY, FOR PROPRIETARY ADDITIVE.

**Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) THE OPERATOR SHALL NOT USE THIS EQUIPMENT WITH MATERIALS HAVING A TRUE VAPOR PRESSURE OF 0.1 PSIA OR GREATER UNDER ACTUAL OPERATING CONDITIONS. WHENEVER THERE IS A CHANGE IN MATERIAL STORED, THE OPERATOR SHALL EITHER DETERMINE THE TRUE VAPOR PRESSURE OF THE MATERIAL THROUGH TESTING, OR MAINTAIN ON FILE THE MATERIAL SAFETY DATA SHEET FOR THE NEW MATERIAL. THE TRUE VAPOR PRESSURE SHALL BE DETERMINED FROM THE REID VAPOR PRESSURE, MEASURED ACCORDING TO ASTM D-323, AND NOMOGRAPHS IN EPA AP-42, OR DISTRICT OR EPA APPROVED NOMOGRAPHS, OR EQUIVALENT TEST METHOD.  
[RULE 1303(b)(2)-OFFSETS]
- 4) THE OPERATOR SHALL KEEP RECORDS OF THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUIDS, IN A MANNER APPROVED BY THE DISTRICT.  
[RULE 463]

**Periodic Monitoring:** NONE

**Emissions and Requirements:** NONE

# FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

## PERMIT TO OPERATE

**Permit No. G23276  
A/N 450830**

### **Equipment Description:**

AIR POLLUTION CONTROL SYSTEM SERVING AN EIGHT RACK GASOLINE BULK LOADING FACILITY, STANDBY UNIT, CONSISTING OF:

1. FLARE, ENCLOSED TYPE, JOHN ZINK, MODEL ZCT-3, 10' DIA. X 45' H., NATURAL GAS FIRED, 100 MMBTU/HR, WITH A TWO STAGE BURNER, 1200 SCFM MAXIMUM FLOW RATE, AN AIR-ASSISTED 5 HP BLOWER, AND A DETONATION FLAME ARRESTOR.

### **Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) A DAILY OPERATIONAL LOG FOR THE FACILITY SHALL BE MAINTAINED.  
[RULE 462]
- 4) THE DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION AT THIS FACILITY SHALL BE VENTED TO:
  - A. A FLARE AIR POLLUTION CONTROL SYSTEM, PERMITTED UNDER A/N 450830 OR SUBSEQUENT, AND/OR;
  - B. ADSORPTION/ABSORPTION VAPOR RECOVERY UNITS, PERMITTED UNDER A/N 452738 AND 452740 OR SUBSEQUENT.  
[RULE 462, 40CFR 63 SUBPART R]
- 5) THE FLARE SHALL BE OPERATED WITH A MINIMUM TEMPERATURE OF 400 DEGREES FAHRENHEIT. THE FLARE TEMPERATURE SHALL BE CONTINUOUSLY MONITORED AND RECORDED.  
[RULE 462, RULE 1303(a)(1) - BACT]
- 6) ALL PRESSURE RELIEF VALVES OF THIS AIR POLLUTION CONTROL SYSTEM SHALL HAVE A RELIEF PRESSURE ABOVE 18 INCHES OF WATER COLUMN. ALL PRESSURE RELIEF VALVES SHALL BE TAGGED AND ACCESSIBLE FOR INSPECTION.  
[RULE 462, 40CFR 63 SUBPART R]

## **FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL**

- 7) THE OPERATOR SHALL KEEP RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. ALL RECORDS SHALL BE MAINTAINED AND KEPT FOR AT LEAST FIVE YEARS, AND MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.  
[RULE 1303(a)(1) - BACT, RULE 1303(b)(2) - OFFSETS]

**Periodic Monitoring: NONE**

### **Emissions and Requirements:**

- 8) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- HAP/TOC: 10 MG/LITER OF GASOLINE LOADED, 40CFR 63 SUBPART R
  - VOC: 0.08LB/1000 GALLONS OF LIQUID LOADED, RULE 462
  - VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)
  - CO: 2000 PPMV, RULE 407
  - PM: RULE 404 (SEE APPENDIX B FOR EMISSION LIMITS)
  - PM: 0.1 GR/SCF, RULE 409

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

Permit No. G23277  
A/N 450831

#### Equipment Description:

BULK GASOLINE LOADING RACK NO. 1 CONSISTING OF THE FOLLOWING:

1. FOUR 4" BOTTOM LOADING ARMS WITH DRY BREAK CONNECTIONS.
2. TWO 4" VAPOR RETURN CONNECTIONS.
3. TEN TOTALIZING FLOW METERS.
4. ELEVEN GASOLINE PUMPS, EACH INLINE WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING RACKS 1 THROUGH 6).
5. SUMP TANK T-903, UNDERGROUND, 4,000 GALLON CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
6. TANK TK-120, UNDERGROUND, 7'-9" DIA. X 14'-8" L., 5,000 GALLON CAPACITY (COMMON TO LOADING RACKS 1 THROUGH 8).
7. THREE ETHANOL TRANSFER PUMPS, EACH WITH 25 HP MOTOR AND TANDEM MECHANICAL SEALS VENTED TO VAPOR RECOVERY SYSTEM OR TO STANDBY AIR POLLUTION CONTROL SYSTEM (COMMON TO LOADING RACKS 1 THROUGH 6).
8. TWO ADDITIVE PUMPS, 2 HP MAGNETIC DRIVE GEAR PUMPS (COMMON TO LOADING RACKS 1 THROUGH 6).
9. TWO ADDITIVE PUMPS, ½ HP MAGNETIC DRIVE GEAR PUMPS (COMMON TO LOADING RACKS 1 AND 2).

#### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]

## **FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL**

- 3) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 5,843,411 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.  
[H & S Code §41954]
- 4) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 7,000,000 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.  
[RULE 462, RULE 1303(b)(2) - OFFSETS]
- 5) DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION SHALL BE VENTED TO A VAPOR RECOVERY SYSTEM (VRU NO. 1, VRU NO. 2, AND/OR STANDBY FLARE). THE VAPOR RECOVERY SYSTEM SHALL BE CALIFORNIA AIR RESOURCES BOARD (CARB) CERTIFIED. IF THE VAPOR RECOVERY SYSTEM DOES NOT REQUIRE CARB CERTIFICATION PER CALIFORNIA HEALTH AND SAFETY CODE 41954, IT SHALL BE APPROVED BY AQMD. THE VAPOR RECOVERY SYSTEM SHALL BE CERTIFIED TO REDUCE VOC EMISSIONS FROM LOADING OPERATIONS TO 0.08 POUNDS OR LESS PER 1000 GALLONS LOADED.  
[RULE 462, 40CFR 63 SUBPART R]
- 6) THIS EQUIPMENT SHALL NOT BE USED TO LOAD OR UNLOAD ORGANIC LIQUIDS INTO ANY TRANSPORT VESSEL UNLESS THE VESSEL HAS A VALID CERTIFICATION OF VAPOR INTEGRITY AS DEFINED BY THE APPLICABLE AIR RESOURCES BOARD CERTIFICATION AND TEST PROCEDURES, PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE SECTION 41962(g).  
[RULE 462, 40CFR 63 SUBPART R]
- 7) THE OPERATOR SHALL PERFORM AN INSPECTION OF THE VAPOR COLLECTION SYSTEM, THE VAPOR CONTROL SYSTEM, AND THE COMPONENTS AND FITTINGS OF THIS EQUIPMENT FOR VAPOR AND/OR LIQUID LEAKS. THE OPERATOR SHALL USE THE MEASURES FOR INSPECTION, REPORTING, MAINTENANCE, AND LEAK CRITERIA EQUIVALENT TO THOSE SPECIFIED IN AQMD RULE 1173 PER SETTLEMENT AGREEMENT BETWEEN AQMD AND ARCO PRODUCTS COMPANY AND ITS SUCCESSORS, DATED MARCH 15, 1991.  
[RULE 462, 40CFR 63 SUBPART R, SETTLEMENT AGREEMENT]
- 8) THE OPERATOR SHALL RECORD ALL LEAKS, REPAIRS, AND REINSPECTIONS AS REQUIRED BY THE CONDITIONS OF THIS PERMIT, AND SUBMIT THOSE AS QUARTERLY OR ANNUAL INSPECTION REPORTS TO THE EXECUTIVE OFFICER, NO LATER THAN 30 DAYS AFTER THE END OF EACH QUARTER, OR 60 DAYS AFTER THE END OF EACH CALENDAR YEAR, RESPECTIVELY.  
[RULE 462]
- 9) THE RECORDS REQUIRED BY CONDITIONS OF THIS PERMIT INCLUDING CARGO TANK INTEGRITY TESTS, PERIODIC LEAK INSPECTIONS, COMPONENT IDENTIFICATION, TYPE, SERVICE, LOCATION, LEAK RATE, DATE AND TIME OF INSPECTION AND REPAIR, REINSPECTIONS, AND MAINTENANCE, SHALL BE RETAINED AT THE FACILITY AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.  
[RULE 462, 40CFR 63 SUBPART R]

**Periodic Monitoring:** NONE

## **FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL**

### **Emissions and Requirements:**

- 10) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

HAP/TOC: 10 MG/LITER OF GASOLINE LOADED, 40CFR 63 SUBPART R  
VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUID LOADED, RULE 462  
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

Permit No. G23278  
A/N 450832

#### Equipment Description:

BULK GASOLINE LOADING RACK NO. 2 CONSISTING OF THE FOLLOWING:

1. FOUR 4" BOTTOM LOADING ARMS WITH DRY BREAK CONNECTIONS.
2. TWO 4" VAPOR RETURN CONNECTIONS.
3. TEN METERS.
4. ELEVEN GASOLINE PUMPS, EACH INLINE WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING RACKS 1 THROUGH 6).
5. SUMP TANK T-903, UNDERGROUND, 4,000 GALLON CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
6. TANK TK-120, UNDERGROUND, 7'-9" DIA. X 14'-8" L., 5,000 GALLON CAPACITY (COMMON TO LOADING RACKS 1 THROUGH 8).
7. THREE ETHANOL TRANSFER PUMPS, EACH WITH 25 HP MOTOR AND TANDEM MECHANICAL SEALS VENTED TO VAPOR RECOVERY SYSTEM OR TO STANDBY AIR POLLUTION CONTROL SYSTEM (COMMON TO LOADING RACKS 1 THROUGH 6).
8. TWO ADDITIVE PUMPS, 2 HP MAGNETIC DRIVE GEAR PUMPS (COMMON TO LOADING RACKS 1 THROUGH 6).
9. TWO ADDITIVE PUMPS, ½ HP MAGNETIC DRIVE GEAR PUMPS (COMMON TO LOADING RACKS 1 AND 2).

#### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]

## **FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL**

- 3) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 5,843,411 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.  
[H & S Code §41954]
- 4) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 7,000,000 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.  
[RULE 462, RULE 1303(b)(2) - OFFSETS]
- 5) DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION SHALL BE VENTED TO A VAPOR RECOVERY SYSTEM (VRU NO. 1, VRU NO. 2, AND/OR STANDBY FLARE). THE VAPOR RECOVERY SYSTEM SHALL BE CALIFORNIA AIR RESOURCES BOARD (CARB) CERTIFIED. IF THE VAPOR RECOVERY SYSTEM DOES NOT REQUIRE CARB CERTIFICATION PER CALIFORNIA HEALTH AND SAFETY CODE 41954, IT SHALL BE APPROVED BY AQMD. THE VAPOR RECOVERY SYSTEM SHALL BE CERTIFIED TO REDUCE VOC EMISSIONS FROM LOADING OPERATIONS TO 0.08 POUNDS OR LESS PER 1000 GALLONS LOADED.  
[RULE 462, 40CFR 63 SUBPART R]
- 6) THIS EQUIPMENT SHALL NOT BE USED TO LOAD OR UNLOAD ORGANIC LIQUIDS INTO ANY TRANSPORT VESSEL UNLESS THE VESSEL HAS A VALID CERTIFICATION OF VAPOR INTEGRITY AS DEFINED BY THE APPLICABLE AIR RESOURCES BOARD CERTIFICATION AND TEST PROCEDURES, PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE SECTION 41962(g).  
[RULE 462, 40CFR 63 SUBPART R]
- 7) THE OPERATOR SHALL PERFORM AN INSPECTION OF THE VAPOR COLLECTION SYSTEM, THE VAPOR CONTROL SYSTEM, AND THE COMPONENTS AND FITTINGS OF THIS EQUIPMENT FOR VAPOR AND/OR LIQUID LEAKS. THE OPERATOR SHALL USE THE MEASURES FOR INSPECTION, REPORTING, MAINTENANCE, AND LEAK CRITERIA EQUIVALENT TO THOSE SPECIFIED IN AQMD RULE 1173 PER SETTLEMENT AGREEMENT BETWEEN AQMD AND ARCO PRODUCTS COMPANY AND ITS SUCCESSORS, DATED MARCH 15, 1991.  
[RULE 462, 40CFR 63 SUBPART R, SETTLEMENT AGREEMENT]
- 8) THE OPERATOR SHALL RECORD ALL LEAKS, REPAIRS, AND REINSPECTIONS AS REQUIRED BY THE CONDITIONS OF THIS PERMIT, AND SUBMIT THOSE AS QUARTERLY OR ANNUAL INSPECTION REPORTS TO THE EXECUTIVE OFFICER, NO LATER THAN 30 DAYS AFTER THE END OF EACH QUARTER, OR 60 DAYS AFTER THE END OF EACH CALENDAR YEAR, RESPECTIVELY.  
[RULE 462]
- 9) THE RECORDS REQUIRED BY CONDITIONS OF THIS PERMIT INCLUDING CARGO TANK INTEGRITY TESTS, PERIODIC LEAK INSPECTIONS, COMPONENT IDENTIFICATION, TYPE, SERVICE, LOCATION, LEAK RATE, DATE AND TIME OF INSPECTION AND REPAIR, REINSPECTIONS, AND MAINTENANCE, SHALL BE RETAINED AT THE FACILITY AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.  
[RULE 462, 40CFR 63 SUBPART R]

**Periodic Monitoring:** NONE

## **FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL**

### **Emissions and Requirements:**

- 10) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

HAP/TOC: 10 MG/LITER OF GASOLINE LOADED, 40CFR 63 SUBPART R  
VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUID LOADED, RULE 462  
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

Permit No. G23279  
A/N 450833

#### Equipment Description:

BULK GASOLINE LOADING RACK NO. 3 CONSISTING OF THE FOLLOWING:

1. FOUR 4" BOTTOM LOADING ARMS WITH DRY BREAK CONNECTIONS.
2. TWO 4" VAPOR RETURN CONNECTIONS.
3. TEN METERS.
4. ELEVEN GASOLINE PUMPS, EACH INLINE WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING RACKS 1 THROUGH 6).
5. SUMP TANK T-903, UNDERGROUND, 4,000 GALLON CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
6. TANK TK-120, UNDERGROUND, 7'-9" DIA. X 14'-8" L., 5,000 GALLON CAPACITY (COMMON TO LOADING RACKS 1 THROUGH 8).
7. THREE ETHANOL TRANSFER PUMPS, EACH WITH 25 HP MOTOR AND TANDEM MECHANICAL SEALS VENTED TO VAPOR RECOVERY SYSTEM OR TO STANDBY AIR POLLUTION CONTROL SYSTEM (COMMON TO LOADING RACKS 1 THROUGH 6).
8. TWO ADDITIVE PUMPS, 2 HP MAGNETIC DRIVE GEAR PUMPS (COMMON TO LOADING RACKS 1 THROUGH 6).

#### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 5,843,411 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.  
[H & S Code §41954]

## **FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL**

- 4) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 7,000,000 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.  
[RULE 462, RULE 1303(b)(2) - OFFSETS]
- 5) DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION SHALL BE VENTED TO A VAPOR RECOVERY SYSTEM (VRU NO. 1, VRU NO. 2, AND/OR STANDBY FLARE). THE VAPOR RECOVERY SYSTEM SHALL BE CALIFORNIA AIR RESOURCES BOARD (CARB) CERTIFIED. IF THE VAPOR RECOVERY SYSTEM DOES NOT REQUIRE CARB CERTIFICATION PER CALIFORNIA HEALTH AND SAFETY CODE 41954, IT SHALL BE APPROVED BY AQMD. THE VAPOR RECOVERY SYSTEM SHALL BE CERTIFIED TO REDUCE VOC EMISSIONS FROM LOADING OPERATIONS TO 0.08 POUNDS OR LESS PER 1000 GALLONS LOADED.  
[RULE 462, 40CFR 63 SUBPART R]
- 6) THIS EQUIPMENT SHALL NOT BE USED TO LOAD OR UNLOAD ORGANIC LIQUIDS INTO ANY TRANSPORT VESSEL UNLESS THE VESSEL HAS A VALID CERTIFICATION OF VAPOR INTEGRITY AS DEFINED BY THE APPLICABLE AIR RESOURCES BOARD CERTIFICATION AND TEST PROCEDURES, PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE SECTION 41962(g).  
[RULE 462, 40CFR 63 SUBPART R]
- 7) THE OPERATOR SHALL PERFORM AN INSPECTION OF THE VAPOR COLLECTION SYSTEM, THE VAPOR CONTROL SYSTEM, AND THE COMPONENTS AND FITTINGS OF THIS EQUIPMENT FOR VAPOR AND/OR LIQUID LEAKS. THE OPERATOR SHALL USE THE MEASURES FOR INSPECTION, REPORTING, MAINTENANCE, AND LEAK CRITERIA EQUIVALENT TO THOSE SPECIFIED IN AQMD RULE 1173 PER SETTLEMENT AGREEMENT BETWEEN AQMD AND ARCO PRODUCTS COMPANY AND ITS SUCCESSORS, DATED MARCH 15, 1991.  
[RULE 462, 40CFR 63 SUBPART R, SETTLEMENT AGREEMENT]
- 8) THE OPERATOR SHALL RECORD ALL LEAKS, REPAIRS ,AND REINSPECTIONS AS REQUIRED BY THE CONDITIONS OF THIS PERMIT, AND SUBMIT THOSE AS QUARTERLY OR ANNUAL INSPECTION REPORTS TO THE EXECUTIVE OFFICER, NO LATER THAN 30 DAYS AFTER THE END OF EACH QUARTER, OR 60 DAYS AFTER THE END OF EACH CALENDAR YEAR, RESPECTIVELY.  
[RULE 462]
- 9) THE RECORDS REQUIRED BY CONDITIONS OF THIS PERMIT INCLUDING CARGO TANK INTEGRITY TESTS, PERIODIC LEAK INSPECTIONS, COMPONENT IDENTIFICATION, TYPE, SERVICE, LOCATION, LEAK RATE, DATE AND TIME OF INSPECTION AND REPAIR, REINSPECTIONS, AND MAINTENANCE, SHALL BE RETAINED AT THE FACILITY AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.  
[RULE 462, 40CFR 63 SUBPART R]

**Periodic Monitoring: NONE**

## **FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL**

### **Emissions and Requirements:**

- 10) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

HAP/TOC: 10 MG/LITER OF GASOLINE LOADED, 40CFR 63 SUBPART R  
VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUID LOADED, RULE 462  
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

**Permit No. G23280  
A/N 450834**

#### **Equipment Description:**

BULK GASOLINE LOADING RACK NO. 4 CONSISTING OF THE FOLLOWING:

1. FOUR 4" BOTTOM LOADING ARMS WITH DRY BREAK CONNECTIONS.
2. TWO 4" VAPOR RETURN CONNECTIONS.
3. TEN METERS.
4. ELEVEN GASOLINE PUMPS, EACH INLINE WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING RACKS 1 THROUGH 6).
5. SUMP TANK T-903, UNDERGROUND, 4,000 GALLON CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
6. TANK TK-120, UNDERGROUND, 7'-9" DIA. X 14'-8" L., 5,000 GALLON CAPACITY (COMMON TO LOADING RACKS 1 THROUGH 8).
7. THREE ETHANOL TRANSFER PUMPS, EACH WITH 25 HP MOTOR AND TANDEM MECHANICAL SEALS VENTED TO VAPOR RECOVERY SYSTEM OR TO STANDBY AIR POLLUTION CONTROL SYSTEM (COMMON TO LOADING RACKS 1 THROUGH 6).
8. TWO ADDITIVE PUMPS, 2 HP MAGNETIC DRIVE GEAR PUMPS (COMMON TO LOADING RACKS 1 THROUGH 6).

#### **Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 5,843,411 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.  
[H & S Code §41954]

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

- 4) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 7,000,000 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.  
[RULE 462, RULE 1303(b)(2) - OFFSETS]
- 5) DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION SHALL BE VENTED TO A VAPOR RECOVERY SYSTEM (VRU NO. 1, VRU NO. 2, AND/OR STANDBY FLARE). THE VAPOR RECOVERY SYSTEM SHALL BE CALIFORNIA AIR RESOURCES BOARD (CARB) CERTIFIED. IF THE VAPOR RECOVERY SYSTEM DOES NOT REQUIRE CARB CERTIFICATION PER CALIFORNIA HEALTH AND SAFETY CODE 41954, IT SHALL BE APPROVED BY AQMD. THE VAPOR RECOVERY SYSTEM SHALL BE CERTIFIED TO REDUCE VOC EMISSIONS FROM LOADING OPERATIONS TO 0.08 POUNDS OR LESS PER 1000 GALLONS LOADED.  
[RULE 462, 40CFR 63 SUBPART R]
- 6) THIS EQUIPMENT SHALL NOT BE USED TO LOAD OR UNLOAD ORGANIC LIQUIDS INTO ANY TRANSPORT VESSEL UNLESS THE VESSEL HAS A VALID CERTIFICATION OF VAPOR INTEGRITY AS DEFINED BY THE APPLICABLE AIR RESOURCES BOARD CERTIFICATION AND TEST PROCEDURES, PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE SECTION 41962(g).  
[RULE 462, 40CFR 63 SUBPART R]
- 7) THE OPERATOR SHALL PERFORM AN INSPECTION OF THE VAPOR COLLECTION SYSTEM, THE VAPOR CONTROL SYSTEM, AND THE COMPONENTS AND FITTINGS OF THIS EQUIPMENT FOR VAPOR AND/OR LIQUID LEAKS. THE OPERATOR SHALL USE THE MEASURES FOR INSPECTION, REPORTING, MAINTENANCE, AND LEAK CRITERIA EQUIVALENT TO THOSE SPECIFIED IN AQMD RULE 1173 PER SETTLEMENT AGREEMENT BETWEEN AQMD AND ARCO PRODUCTS COMPANY AND ITS SUCCESSORS, DATED MARCH 15, 1991.  
[RULE 462, 40CFR 63 SUBPART R, SETTLEMENT AGREEMENT]
- 8) THE OPERATOR SHALL RECORD ALL LEAKS, REPAIRS, AND REINSPECTIONS AS REQUIRED BY THE CONDITIONS OF THIS PERMIT, AND SUBMIT THOSE AS QUARTERLY OR ANNUAL INSPECTION REPORTS TO THE EXECUTIVE OFFICER, NO LATER THAN 30 DAYS AFTER THE END OF EACH QUARTER, OR 60 DAYS AFTER THE END OF EACH CALENDAR YEAR, RESPECTIVELY.  
[RULE 462]
- 9) THE RECORDS REQUIRED BY CONDITIONS OF THIS PERMIT INCLUDING CARGO TANK INTEGRITY TESTS, PERIODIC LEAK INSPECTIONS, COMPONENT IDENTIFICATION, TYPE, SERVICE, LOCATION, LEAK RATE, DATE AND TIME OF INSPECTION AND REPAIR, REINSPECTIONS, AND MAINTENANCE, SHALL BE RETAINED AT THE FACILITY AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.  
[RULE 462, 40CFR 63 SUBPART R]

**Periodic Monitoring:** NONE

## **FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL**

### **Emissions and Requirements:**

- 10) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

HAP/TOC: 10 MG/LITER OF GASOLINE LOADED, 40CFR 63 SUBPART R  
VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUID LOADED, RULE 462  
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

Permit No. G23281  
A/N 450835

#### Equipment Description:

BULK GASOLINE LOADING RACK NO. 5 CONSISTING OF THE FOLLOWING:

1. FOUR 4" BOTTOM LOADING ARMS WITH DRY BREAK CONNECTIONS.
2. TWO 4" VAPOR RETURN CONNECTIONS.
3. TEN METERS.
4. ELEVEN GASOLINE PUMPS, EACH INLINE WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING RACKS 1 THROUGH 6).
5. SUMP TANK T-903, UNDERGROUND, 4,000 GALLON CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
6. TANK TK-120, UNDERGROUND, 7'-9" DIA. X 14'-8" L., 5,000 GALLON CAPACITY (COMMON TO LOADING RACKS 1 THROUGH 8).
7. THREE ETHANOL TRANSFER PUMPS, EACH WITH 25 HP MOTOR AND TANDEM MECHANICAL SEALS VENTED TO VAPOR RECOVERY SYSTEM OR TO STANDBY AIR POLLUTION CONTROL SYSTEM (COMMON TO LOADING RACKS 1 THROUGH 6).
8. TWO ADDITIVE PUMPS, 2 HP MAGNETIC DRIVE GEAR PUMPS (COMMON TO LOADING RACKS 1 THROUGH 6).

#### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 5,843,411 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.  
[H & S Code §41954]

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

- 4) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 7,000,000 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.  
[RULE 462, RULE 1303(b)(2) - OFFSETS]
- 5) DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION SHALL BE VENTED TO A VAPOR RECOVERY SYSTEM (VRU NO. 1, VRU NO. 2, AND/OR STANDBY FLARE). THE VAPOR RECOVERY SYSTEM SHALL BE CALIFORNIA AIR RESOURCES BOARD (CARB) CERTIFIED. IF THE VAPOR RECOVERY SYSTEM DOES NOT REQUIRE CARB CERTIFICATION PER CALIFORNIA HEALTH AND SAFETY CODE 41954, IT SHALL BE APPROVED BY AQMD. THE VAPOR RECOVERY SYSTEM SHALL BE CERTIFIED TO REDUCE VOC EMISSIONS FROM LOADING OPERATIONS TO 0.08 POUNDS OR LESS PER 1000 GALLONS LOADED.  
[RULE 462, 40CFR 63 SUBPART R]
- 6) THIS EQUIPMENT SHALL NOT BE USED TO LOAD OR UNLOAD ORGANIC LIQUIDS INTO ANY TRANSPORT VESSEL UNLESS THE VESSEL HAS A VALID CERTIFICATION OF VAPOR INTEGRITY AS DEFINED BY THE APPLICABLE AIR RESOURCES BOARD CERTIFICATION AND TEST PROCEDURES, PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE SECTION 41962(g).  
[RULE 462, 40CFR 63 SUBPART R]
- 7) THE OPERATOR SHALL PERFORM AN INSPECTION OF THE VAPOR COLLECTION SYSTEM, THE VAPOR CONTROL SYSTEM, AND THE COMPONENTS AND FITTINGS OF THIS EQUIPMENT FOR VAPOR AND/OR LIQUID LEAKS. THE OPERATOR SHALL USE THE MEASURES FOR INSPECTION, REPORTING, MAINTENANCE, AND LEAK CRITERIA EQUIVALENT TO THOSE SPECIFIED IN AQMD RULE 1173 PER SETTLEMENT AGREEMENT BETWEEN AQMD AND ARCO PRODUCTS COMPANY AND ITS SUCCESSORS, DATED MARCH 15, 1991.  
[RULE 462, 40CFR 63 SUBPART R, SETTLEMENT AGREEMENT]
- 8) THE OPERATOR SHALL RECORD ALL LEAKS, REPAIRS, AND REINSPECTIONS AS REQUIRED BY THE CONDITIONS OF THIS PERMIT, AND SUBMIT THOSE AS QUARTERLY OR ANNUAL INSPECTION REPORTS TO THE EXECUTIVE OFFICER, NO LATER THAN 30 DAYS AFTER THE END OF EACH QUARTER, OR 60 DAYS AFTER THE END OF EACH CALENDAR YEAR, RESPECTIVELY.  
[RULE 462]
- 9) THE RECORDS REQUIRED BY CONDITIONS OF THIS PERMIT INCLUDING CARGO TANK INTEGRITY TESTS, PERIODIC LEAK INSPECTIONS, COMPONENT IDENTIFICATION, TYPE, SERVICE, LOCATION, LEAK RATE, DATE AND TIME OF INSPECTION AND REPAIR, REINSPECTIONS, AND MAINTENANCE, SHALL BE RETAINED AT THE FACILITY AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.  
[RULE 462, 40CFR 63 SUBPART R]

**Periodic Monitoring:** NONE

## **FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL**

### **Emissions and Requirements:**

- 10) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

HAP/TOC: 10 MG/LITER OF GASOLINE LOADED, 40CFR 63 SUBPART R  
VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUID LOADED, RULE 462  
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

**Permit No. G23282**  
**A/N 450836**

**Equipment Description:**

BULK GASOLINE AND DIESEL LOADING RACK NO. 6 CONSISTING OF THE FOLLOWING:

1. FOUR 4" GASOLINE BOTTOM LOADING ARMS WITH DRY BREAK CONNECTIONS.
2. TWO 3" VAPOR RETURN CONNECTIONS.
3. TEN GASOLINE METERS.
4. ELEVEN GASOLINE PUMPS, EACH INLINE WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING RACKS 1 THROUGH 6).
5. TWO DIESEL PUMPS, EACH INLINE WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING RACKS 6 THROUGH 8).
6. SUMP TANK T-903, UNDERGROUND, 4,000 GALLON CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
7. TANK TK-120, UNDERGROUND, 7'-9" DIA. X 14'-8" L., 5,000 GALLON CAPACITY (COMMON TO LOADING RACKS 1 THROUGH 8).
8. TWO 4" BOTTOM LOADING ARMS WITH TWO METERS, FOR DIESEL, WITH DRY BREAK CONNECTIONS.
9. THREE ETHANOL TRANSFER PUMPS, EACH WITH 25 HP MOTOR AND TANDEM MECHANICAL SEALS VENTED TO VAPOR RECOVERY SYSTEM OR TO STANDBY AIR POLLUTION CONTROL SYSTEM (COMMON TO LOADING RACKS 1 THROUGH 6).
10. TWO ADDITIVE PUMPS, 2 HP MAGNETIC DRIVE GEAR PUMPS (COMMON TO LOADING RACKS 1 THROUGH 6).

**Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

- 3) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 5,843,411 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.  
[H & S Code §41954]
- 4) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 7,000,000 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.  
[RULE 462, RULE 1303(b)(2) - OFFSETS]
- 5) DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION SHALL BE VENTED TO A VAPOR RECOVERY SYSTEM (VRU NO. 1, VRU NO. 2, AND/OR STANDBY FLARE). THE VAPOR RECOVERY SYSTEM SHALL BE CALIFORNIA AIR RESOURCES BOARD (CARB) CERTIFIED. IF THE VAPOR RECOVERY SYSTEM DOES NOT REQUIRE CARB CERTIFICATION PER CALIFORNIA HEALTH AND SAFETY CODE 41954, IT SHALL BE APPROVED BY AQMD. THE VAPOR RECOVERY SYSTEM SHALL BE CERTIFIED TO REDUCE VOC EMISSIONS FROM LOADING OPERATIONS TO 0.08 POUNDS OR LESS PER 1000 GALLONS LOADED.  
[RULE 462, 40CFR 63 SUBPART R]
- 6) THIS EQUIPMENT SHALL NOT BE USED TO LOAD OR UNLOAD ORGANIC LIQUIDS INTO ANY TRANSPORT VESSEL UNLESS THE VESSEL HAS A VALID CERTIFICATION OF VAPOR INTEGRITY AS DEFINED BY THE APPLICABLE AIR RESOURCES BOARD CERTIFICATION AND TEST PROCEDURES, PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE SECTION 41962(g).  
[RULE 462, 40CFR 63 SUBPART R]
- 7) THE OPERATOR SHALL PERFORM AN INSPECTION OF THE VAPOR COLLECTION SYSTEM, THE VAPOR CONTROL SYSTEM, AND THE COMPONENTS AND FITTINGS OF THIS EQUIPMENT FOR VAPOR AND/OR LIQUID LEAKS. THE OPERATOR SHALL USE THE MEASURES FOR INSPECTION, REPORTING, MAINTENANCE, AND LEAK CRITERIA EQUIVALENT TO THOSE SPECIFIED IN AQMD RULE 1173 PER SETTLEMENT AGREEMENT BETWEEN AQMD AND ARCO PRODUCTS COMPANY AND ITS SUCCESSORS, DATED MARCH 15, 1991.  
[RULE 462, 40CFR 63 SUBPART R, SETTLEMENT AGREEMENT]
- 8) THE OPERATOR SHALL RECORD ALL LEAKS, REPAIRS, AND REINSPECTIONS AS REQUIRED BY THE CONDITIONS OF THIS PERMIT, AND SUBMIT THOSE AS QUARTERLY OR ANNUAL INSPECTION REPORTS TO THE EXECUTIVE OFFICER, NO LATER THAN 30 DAYS AFTER THE END OF EACH QUARTER, OR 60 DAYS AFTER THE END OF EACH CALENDAR YEAR, RESPECTIVELY.  
[RULE 462]
- 9) THE RECORDS REQUIRED BY CONDITIONS OF THIS PERMIT INCLUDING CARGO TANK INTEGRITY TESTS, PERIODIC LEAK INSPECTIONS, COMPONENT IDENTIFICATION, TYPE, SERVICE, LOCATION, LEAK RATE, DATE AND TIME OF INSPECTION AND REPAIR, REINSPECTIONS, AND MAINTENANCE, SHALL BE RETAINED AT THE FACILITY AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.  
[RULE 462, 40CFR 63 SUBPART R]

**Periodic Monitoring:** NONE

## **FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL**

### **Emissions and Requirements:**

- 10) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

HAP/TOC: 10 MG/LITER OF GASOLINE LOADED, 40CFR 63 SUBPART R  
VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUID LOADED, RULE 462  
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

Permit No. G23285  
A/N 450837

#### Equipment Description:

BULK DIESEL LOADING RACK NO. 7 CONSISTING OF THE FOLLOWING:

1. TWO 4" BOTTOM LOADING ARMS WITH DRY BREAK CONNECTIONS.
2. TWO 3" VAPOR RETURN CONNECTIONS.
3. TWO METERS.
4. TWO DIESEL PUMPS, EACH INLINE WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING RACKS 6 THROUGH 8).
5. SUMP TANK T-903, UNDERGROUND, 4,000 GALLON CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
6. TANK TK-120, UNDERGROUND, 7'-9" DIA. X 14'-8" L., 5,000 GALLON CAPACITY (COMMON TO LOADING RACKS 1 THROUGH 8).

#### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 5,843,411 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.  
[H & S Code §41954]
- 4) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 7,000,000 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.  
[RULE 462, RULE 1303(b)(2) - OFFSETS]

**FACILITY PERMIT TO OPERATE  
BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL**

- 5) THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL DEVICE WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.  
[RULE 1303(a)(1) - BACT]

**Periodic Monitoring:** NONE

**Emissions and Requirements:**

- 6) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

Permit No. G23286  
A/N 450838

#### Equipment Description:

BULK DIESEL LOADING RACK NO. 8 CONSISTING OF THE FOLLOWING:

1. TWO 4" BOTTOM LOADING ARMS WITH DRY BREAK CONNECTIONS.
2. TWO 3" VAPOR RETURN CONNECTIONS.
3. TWO METERS.
4. TWO DIESEL PUMPS, EACH INLINE WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING RACKS 6 THROUGH 8).
5. SUMP TANK T-903, UNDERGROUND, 4,000 GALLON CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
6. TANK TK-120, UNDERGROUND, 7'-9" DIA. X 14'-8" L., 5,000 GALLON CAPACITY (COMMON TO LOADING RACKS 1 THROUGH 8).

#### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 5,843,411 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.  
[H & S Code §41954]
- 4) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 7,000,000 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.  
[RULE 462, RULE 1303(b)(2) - OFFSETS]

**FACILITY PERMIT TO OPERATE  
BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL**

- 5) THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL DEVICE WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.  
[RULE 1303(a)(1) - BACT]

**Periodic Monitoring:** NONE

**Emissions and Requirements:**

- 6) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

**Permit No. G24096  
A/N 450864**

#### **Equipment Description:**

WASTEWATER TREATMENT SYSTEM CONSISTING OF:

1. CLOSED TOP SUMP TANK NO. T-903, 15'-0.5" L X 8'-0" DIA., 4,000 GAL. CAPACITY, WITH ONE 25 HP SUBMERSIBLE LIFT PUMP.
2. LIFT STATION (VAULT), WITH ONE 25 HP SUBMERSIBLE LIFT PUMP.
3. OIL-WATER SEPARATION TANK NO. T-918, DOMED EXTERNAL FLOATING ROOF, DOUBLE DECK TYPE, 50'-0" DIA. X 30'-0" L., 10,000 BBLS CAPACITY, RIVETED SHELL, WITH A MECHANICAL SHOE PRIMARY SEAL, A RIM-MOUNTED WIPER-TYPE SECONDARY SEAL, AND FLOATING OIL SUCTION.
4. TWO OIL PUMPS, MP-918A - 10 HP, AND MP-918B - 7.5 HP.
5. OIL-WATER SEPARATOR, GREAT LAKES ENVIRONMENTAL, INC., MODEL CGD-CR-400, CLOSED TOP CYLINDRICAL GRAVITY DISPLACEMENT TYPE, 6' DIA. X 27.5' L., 400 GPM., WITH A 5 HP OIL PUMP, A 5 HP WATER PUMP, A 3-INCH BREATHER VALVE, AND VENTED TO VAPOR RECOVERY SYSTEM.
6. TWO CARBON ADSORBERS NOS. V-1 & V-2, LIQUID PHASE, SKID MOUNTED, EACH CONTAINING 10,000 LBS. OF ACTIVATED CARBON.
7. TREATED WATER TANK NO. T-952, 16,000 GAL. CAPACITY.

#### **Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE OIL-WATER SEPARATOR IS COVERED AND VENTED TO AN AIR POLLUTION CONTROL SYSTEM WHICH IS IN FULL OPERATION AND HAS BEEN ISSUED A PERMIT TO OPERATE BY THE DISTRICT.  
[RULE 464, RULE 1303(a)(1)-BACT]

## **FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL**

- 4) THE BREATHER VALVE ON THE OIL-WATER SEPARATOR SHALL HAVE A RELIEF SET PRESSURE NOT LESS THAN + 5" WC.  
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSETS]
- 5) THE OPERATOR SHALL LIMIT THE THROUGHPUT FROM THIS WASTEWATER TREATMENT SYSTEM TO NO MORE THAN 2,100,000 GALLONS IN ANY ONE MONTH. TRUCK LOADING RECORDS AND/OR RECORDS OF THE VOLUME DISCHARGED TO THE SEWER CONNECTION SHALL BE RECORDED TO SHOW COMPLIANCE WITH THIS CONDITION.  
[RULE 1303(b)(2)-OFFSETS]
- 6) THIS WASTEWATER TREATMENT SYSTEM SHALL NOT BE USED FOR PROCESSING WASTEWATER CONTAMINATED WITH ORGANIC LIQUIDS HAVING A REID VAPOR PRESSURE EXCEEDING RVP 13.5.  
[RULE 1303(b)(2)-OFFSETS]
- 7) THE OPERATOR SHALL USE TANK 918 IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED DOES NOT EXCEED 30 PERCENT OF ITS LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTHS INTERVALS.  
[RULE 463, RULE 1178]
- 8) THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT FOR AT LEAST FIVE YEARS, AND MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE.  
[RULE 463, RULE 464, RULE 1149, RULE 1173, RULE 1178, RULE 1303(b)(2)-OFFSETS]

**Periodic Monitoring: NONE**

### **Emissions and Requirements:**

- 9) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
VOC: RULE 463  
VOC: RULE 464  
VOC: RULE 1149  
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)  
VOC: RULE 1178

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

Permit No. G23287  
A/N 452738

#### Equipment Description:

VAPOR RECOVERY SYSTEM SERVING EIGHT LOADING RACKS, VRU NO. 1, SUPPLIED BY JOHN ZINK (MODEL NO. S3-AAW-6HS-110-80-8), WITH:

1. TWO CARBON ADSORBERS, EACH 11'-0" DIA. X 8'-0" H., EACH WITH 15,000 LBS OF ACTIVATED CARBON, OPERATING ON 15 MINUTE CYCLES.
2. GASOLINE ABSORPTION TOWER, 3'-0" DIA. TOP WITH 4'-0" DIA. BOTTOM X 25'-0" H.
3. GLYCOL SEPARATOR, 4'-0" DIA. X 8'-0" H., 750 GALLONS.
4. TWO LIQUID RING VACUUM PUMPS, EACH 990 CFM, WITH A 100 HP MOTOR.
5. SUPPLY SPONGE GASOLINE PUMP, 300 GPM, WITH A 15 HP MOTOR.
6. RETURN SPONGE GASOLINE PUMP, 300 GPM, WITH A 15 HP MOTOR.
7. TWO SEAL FLUID GLYCOL PUMPS, EACH WITH A 2 HP MOTOR.
8. SHELL AND TUBE HEAT EXCHANGER, GLYCOL COOLER.

#### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) THE DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION AT THIS FACILITY SHALL BE VENTED TO:
  - A. A FLARE AIR POLLUTION CONTROL SYSTEM, PERMITTED UNDER A/N 450830 OR SUBSEQUENT, AND/OR;
  - B. ADSORPTION/ABSORPTION VAPOR RECOVERY UNITS (VRU NO.1 AND VRU NO. 2), PERMITTED UNDER A/N 452738 AND 452740 OR SUBSEQUENT.  
[RULE 462, RULE 1303(a)(1) - BACT, 40CFR 63 SUBPART R]

## **FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL**

- 4) THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH DEVICES COVERED BY THIS APPLICATION.
- A. ALL NEW VALVES IN VOC SERVICE 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 STEM IN HORIZONTAL POSITION), RETROFITS/SPECIAL APPLICATIONS WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. ADDITIONAL EXCEPTIONS ARE STATED IN DISTRICT RULE 1173(L)(1).
  - B. ALL NEW FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT VALVES AND FLANGES SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL NEW VALVES AND FLANGES IN VOC SERVICE SHALL BE INSPECTED MONTHLY USING EPA METHOD 21. IF 98.0 PERCENT OR GREATER OF THE NEW (NON-BELLOWS-SEALED) 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 SHALL REVERT TO A QUARTERLY INSPECTION PROGRAM WITH THE APPROVAL OF THE DISTRICT.
  - C. FOR ALL NEW FUGITIVE COMPONENTS IN VOC SERVICE, ANY LEAK GREATER THAN 500 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 VALVE, DIAPHRAGM, HATCH, SIGHT-GLASS, AND METER.
  - D. THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (AND QUARTERLY, WHERE APPLICABLE), SUBSEQUENT REPAIR, AND REINSPECTION, IN A MANNER APPROVED BY THE DISTRICT.  
[RULE 1303(a)(1) - BACT]
- 5) THE OPERATOR SHALL INSTALL AND MAINTAIN A CONTINUOUS EMISSIONS MONITORING DEVICE TO ACCURATELY INDICATE THE VOC CONCENTRATION AT THE OUTLET OF THE CARBON ADSORBERS IN PPMV. THE EMISSIONS MONITORING DEVICE SHALL BE CALIBRATED DAILY.  
[RULE 462, 40CFR 63 SUBPART R, RULE 3004(a)(4) – PERIODIC MONITORING]
- 6) A TABLE OR GRAPH SHALL BE DEVELOPED TO CORRELATE THE HYDROCARBON MONITOR CONCENTRATION READINGS IN PERCENT (%) OR PARTS PER MILLION BY VOLUME (PPMV) WITH THE EMISSIONS RATE IN LBS PER 1000 GALLONS LOADED.  
[RULE 462, 40CFR 63 SUBPART R, RULE 3004(a)(4) – PERIODIC MONITORING]

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

- 7) THE HYDROCARBON (HC) MONITOR SYSTEM SHALL:
- A. ALERT THE OPERATOR BOTH AUDIBLY AND VISUALLY TO PREVENT HYDROCARBON BREAKTHROUGH. THE ALARM WILL BE SET TO ACTIVATE AT A HYDROCARBON EMISSIONS RATE OF 0.08 LBS HC PER 1000 GALLONS LOADED.
  - B. SHUT OFF VENTING OF LOADING RACK VAPORS TO THE VAPOR RECOVERY SYSTEM WHEN THE HC EMISSIONS RATE EXCEEDS 0.08 LBS PER 1000 GALLONS LOADED.
  - C. SEND A SIGNAL TO THE LOADING RACKS TO SHUT DOWN.  
[RULE 462, 40CFR 63 SUBPART R]
- 8) RECORDS REQUIRED BY THIS PERMIT SHALL BE MAINTAINED FOR A FIVE YEAR PERIOD AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.  
[RULE 462]

### Periodic Monitoring:

- 9) THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
- A. THE TEST SHALL BE CONDUCTED TO DETERMINE THE BULK LOADING RATE IN GALLONS PER HOUR DURING THE SOURCE TEST.
  - B. THE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSION RATE IN POUNDS PER 1,000 GALLONS OF ORGANIC LIQUIDS LOADED.
  - C. THE TEST SHALL BE CONDUCTED PERIODICALLY AT THREE YEAR INTERVALS.  
[RULE 3004(a)(4) – PERIODIC MONITORING]

### Emissions and Requirements:

- 10) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- HAP/TOC: 10 MG/LITER OF GASOLINE LOADED, 40CFR 63 SUBPART R  
VOC: 0.08 LB/1000 GALLONS ORGANIC LIQUID LOADED, RULE 462  
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

**Permit No. G23288  
A/N 452740**

#### **Equipment Description:**

VAPOR RECOVERY SYSTEM SERVING EIGHT LOADING RACKS, VRU NO. 2, SUPPLIED BY JOHN ZINK (MODEL NO. S3-AAW-6HS-110-80-8):

1. TWO CARBON ADSORBERS, EACH 11'-0" DIA. X 8'-0" H., EACH WITH 15,000 LBS OF ACTIVATED CARBON, OPERATING ON 15 MINUTE CYCLES
2. GASOLINE ABSORPTION TOWER, 3'-0" DIA. TOP WITH 4'-0" DIA. BOTTOM X 25'-0" H.
3. GLYCOL SEPARATOR, 4'-0" DIA. X 8'-0" H., 750 GALLONS.
4. TWO LIQUID RING VACUUM PUMPS, EACH 990 CFM, WITH A 100 HP MOTOR.
5. SUPPLY SPONGE GASOLINE PUMP, 300 GPM, WITH A 15 HP MOTOR.
6. RETURN SPONGE GASOLINE PUMP, 300 GPM, WITH A 15 HP MOTOR.
7. TWO SEAL FLUID GLYCOL PUMPS, EACH WITH A 2 HP MOTOR.
8. SHELL AND TUBE HEAT EXCHANGER, GLYCOL COOLER.

#### **Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) THE DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION AT THIS FACILITY SHALL BE VENTED TO:
  - A. A FLARE AIR POLLUTION CONTROL SYSTEM, PERMITTED UNDER A/N 450830 OR SUBSEQUENT, AND/OR;
  - B. ADSORPTION/ABSORPTION VAPOR RECOVERY UNITS (VRU NO.1 AND VRU NO. 2), PERMITTED UNDER A/N 452738 AND 452740 OR SUBSEQUENT.  
[RULE 462, RULE 1303(a)(1) - BACT, 40CFR 63 SUBPART R]

## **FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL**

- 4) THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH DEVICES COVERED BY THIS APPLICATION.
- A. ALL NEW VALVES IN VOC SERVICE 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 STEM IN HORIZONTAL POSITION), RETROFITS/SPECIAL APPLICATIONS WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. ADDITIONAL EXCEPTIONS ARE STATED IN DISTRICT RULE 1173(L)(1).
  - B. ALL NEW FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT VALVES AND FLANGES SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL NEW VALVES AND FLANGES IN VOC SERVICE SHALL BE INSPECTED MONTHLY USING EPA METHOD 21. IF 98.0 PERCENT OR GREATER OF THE NEW (NON-BELLOWS-SEALED) 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 SHALL REVERT TO A QUARTERLY INSPECTION PROGRAM WITH THE APPROVAL OF THE DISTRICT.
  - C. FOR ALL NEW FUGITIVE COMPONENTS IN VOC SERVICE, ANY LEAK GREATER THAN 500 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 VALVE, DIAPHRAGM, HATCH, SIGHT-GLASS, AND METER.
  - D. THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (AND QUARTERLY, WHERE APPLICABLE), SUBSEQUENT REPAIR, AND REINSPECTION, IN A MANNER APPROVED BY THE DISTRICT.  
[RULE 1303(a)(1) - BACT]
- 5) THE OPERATOR SHALL INSTALL AND MAINTAIN A CONTINUOUS EMISSIONS MONITORING DEVICE TO ACCURATELY INDICATE THE VOC CONCENTRATION AT THE OUTLET OF THE CARBON ADSORBERS IN PPMV. THE EMISSIONS MONITORING DEVICE SHALL BE CALIBRATED DAILY.  
[RULE 462, 40CFR 63 SUBPART R, RULE 3004(a)(4) – PERIODIC MONITORING]
- 6) A TABLE OR GRAPH SHALL BE DEVELOPED TO CORRELATE THE HYDROCARBON MONITOR CONCENTRATION READINGS IN PERCENT (%) OR PARTS PER MILLION BY VOLUME (PPMV) WITH THE EMISSIONS RATE IN LBS PER 1000 GALLONS LOADED.  
[RULE 462, 40CFR 63 SUBPART R, RULE 3004(a)(4) – PERIODIC MONITORING]

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

- 7) THE HYDROCARBON (HC) MONITOR SYSTEM SHALL:
- A. ALERT THE OPERATOR BOTH AUDIBLY AND VISUALLY TO PREVENT HYDROCARBON BREAKTHROUGH. THE ALARM WILL BE SET TO ACTIVATE AT A HYDROCARBON EMISSIONS RATE OF 0.08 LBS HC PER 1000 GALLONS LOADED.
  - B. SHUT OFF VENTING OF LOADING RACK VAPORS TO THE VAPOR RECOVERY SYSTEM WHEN THE HC EMISSIONS RATE EXCEEDS 0.08 LBS PER 1000 GALLONS LOADED.
  - C. SEND A SIGNAL TO THE LOADING RACKS TO SHUT DOWN.  
[RULE 462, 40CFR 63 SUBPART R]
- 8) RECORDS REQUIRED BY THIS PERMIT SHALL BE MAINTAINED FOR A FIVE YEAR PERIOD AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.  
[RULE 462]

### **Periodic Monitoring:**

- 9) THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
- A. THE TEST SHALL BE CONDUCTED TO DETERMINE THE BULK LOADING RATE IN GALLONS PER HOUR DURING THE SOURCE TEST.
  - B. THE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSION RATE IN POUNDS PER 1,000 GALLONS OF ORGANIC LIQUIDS LOADED.
  - C. THE TEST SHALL BE CONDUCTED PERIODICALLY AT THREE YEAR INTERVALS.  
[RULE 3004(a)(4) – PERIODIC MONITORING]

### **Emissions and Requirements:**

- 10) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- HAP/TOC: 10 MG/LITER OF GASOLINE LOADED, 40CFR 63 SUBPART R  
VOC: 0.08 LB/1000 GALLONS ORGANIC LIQUID LOADED, RULE 462  
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

**Permit No. F85072  
A/N 457600**

#### **Equipment Description:**

STORAGE TANK NO. 943, DOMED EXTERNAL FLOATING ROOF TANK, DOUBLE DECK TYPE, 144'-0" DIA. X 46'-0" H., 133,452 BBL CAPACITY, RIVETED SHELL, WITH A MECHANICAL SHOE TYPE PRIMARY SEAL AND A RIM MOUNTED WIPER TYPE SECONDARY SEAL.

#### **Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- 3) FOR RULE 463 APPLICABILITY, ONLY SUBDIVISION (D) IN THE MAY 6, 2005 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.  
[RULE 463, RULE 1178]
- 4) THE OPERATOR SHALL INSURE THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE BETWEEN THE DOME AND THE FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF ITS LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION AT LEAST TWICE A YEAR AT 4 TO 8 MONTHS INTERVALS AND RECORD THE MONITORING DATES & RESULTS IN A WRITTEN LOG.  
[RULE 463, RULE 1178]
- 5) THE OPERATOR SHALL KEEP RECORDS OF THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUIDS, IN A MANNER APPROVED BY THE DISTRICT.  
[RULE 463]

**Periodic Monitoring: NONE**

## **FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL**

### **Emissions and Requirements:**

- 6) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

|          |  |
|----------|--|
| HAP/TOC: | 40CFR 63 SUBPART R                             |
| VOC:     | RULE 463                                       |
| VOC:     | RULE 1149                                      |
| VOC:     | RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991) |
| VOC:     | RULE 1178                                      |

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

Permit No. R-G24099  
A/N 472717

#### Equipment Description:

STORAGE TANK NO. 942, DOMED EXTERNAL FLOATING ROOF, DOUBLE DECK TYPE, 144' - 0" DIA. X 46' - 0" H., 5,605,000 GALLONS CAPACITY, RIVETED SHELL, WITH A MECHANICAL SHOE PRIMARY SEAL & A RIM-MOUNTED WIPER-TYPE SECONDARY SEAL.

#### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
- ~~3) THE OPERATOR SHALL LIMIT THE THROUGHPUT FROM THIS TANK TO NO MORE THAN 34,000,000 GALLONS IN ANY ONE MONTH. A FLOW MEASURING DEVICE, LOCATED AT LOADING RACK NOS. 1, 2, 3, 4, 5, 6, 7, AND 8, SHALL RECORD THE THROUGHPUT TO SHOW COMPLIANCE WITH THIS CONDITION.  
[RULE 1303(b)(2) - OFFSETS]~~
- 3) THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUIDS HAVING A REID VAPOR PRESSURE EXCEEDING RVP 13.5.  
[RULE 1303(b)(2) - OFFSETS]
- 4) THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED DOES NOT EXCEED 30 PERCENT OF ITS LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTHS INTERVALS.  
[RULE 463, RULE 1178]
- 5) THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT FOR AT LEAST FIVE YEARS, AND MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE.  
[RULE 463, RULE 1149, RULE 1173, RULE 1178, RULE 1303(b)(2) - OFFSETS, 40CFR 63 SUBPART R]

Periodic Monitoring: NONE

## **FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL**

### **Emissions and Requirements:**

- 6) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

HAP/TOC: 40CFR 63 SUBPART R

VOC: RULE 463

VOC: RULE 1149

VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)

VOC: RULE 1178

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### PERMIT TO OPERATE

**Permit No. G18842**  
**A/N 496950**

**Equipment Description:**

STORAGE TANK NO. TK-932, EXTERNAL FLOATING ROOF, 117'-0" DIA. X 42'-0" H., 78,775 BARRELS CAPACITY, RIVETED SHELL, WITH A MECHANICAL SHOE TYPE PRIMARY SEAL

**Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL ONLY USE THIS TANK TO STORE DIESEL FUEL OIL.  
[RULE 1303(b)(2)-OFFSETS]
4. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, OF THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUIDS.  
[RULE 463]

**Periodic Monitoring:** NONE

**Emissions and Requirements:**

5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  

|      |  |
|------|--|
| VOC  | RULE 463                                       |
| VOC: | RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991) |

## FACILITY PERMIT TO OPERATE BP WEST COAST PRODUCTS, LLC/ARCO VINVALE TERMINAL

### RULE 219 EQUIPMENT

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS.

**Conditions:**

1. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

FOR ARCHITECTURAL APPLICATIONS WHERE NO THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN SEMI-ANNUAL RECORDS OF ALL COATINGS 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 COATING.

FOR OTHER 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 COATING.

[RULE 109, RULE 1113]

**Periodic Monitoring:** NONE

**Emissions and Requirements:**

2. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:

VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS