



FACILITY PERMIT TO OPERATE

**BP WEST COAST PROD/ARCO VINVALE TERMINAL
8601 S GARFIELD AVE
SOUTH GATE, CA 90280**

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

By *Charles Tuzi*
Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering & Compliance



FACILITY PERMIT TO OPERATE BP WEST COAST PROD/ARCO VINVALE TERMINAL

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**FACILITY PERMIT TO OPERATE
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**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
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PERMITTED EQUIPMENT LIST

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

Application Number	Permit to Operate No.	Equipment Description	Page Number
395549	F50261	ICE (50-500 HP) EMERGENCY ELECT. GENERATOR (375BHP)	4
395551	F50262	ICE (50-500 HP) EMERGENCY ELECT. GENERATOR (155BHP)	5
395558	F50267	STORAGE TANK(#931) W/EXT FLOAT ROOF HYDROCARB	6
395562	F50270	STORAGE TANK(#942) W/EXT FLOAT ROOF HYDROCARB	8
395569	F50274	STORAGE TANK(#951) MISC ORGANIC MATERIALS	10
395577	F50279	BULK LOAD TERMINAL REC PIPELINE GASOLINE (RACK #7)	11
395579	F50280	BULK LOAD TERMINAL REC PIPELINE GASOLINE (RACK #8)	12
395582	F50282	BULK LOAD/UNLOAD TANK TRUCK (1 RACK) GASOLINE	13
395583	F50283	WASTE WATER TREATING > 50,000 GPD	14
395585	F50285	STORAGE TANK(#940) W/EXT FLOAT ROOF HYDROCARB	16
396174	F59238	BULK LOAD/UNLOAD MISC ORGANIC MATERIAL	17
409789	F65277	STORAGE TANK(#941) W/EXT FLOAT ROOF HYDROCARB	19
419712	F66209	VAPOR RECOVERY SERVING BULK LOADING	21
420775	F94487	STORAGE TANK(#930) DOMED EXT FL ROOF HYDROCARB	24
426932	F77532	BULK LOAD TERMINAL REC PIPELINE GASOLINE (RACK #1)	25
426991	F77533	BULK LOAD TERMINAL REC PIPELINE GASOLINE (RACK #2)	27
426993	F77534	BULK LOAD TERMINAL REC PIPELINE GASOLINE (RACK #3)	29
426994	F77535	BULK LOAD TERMINAL REC PIPELINE GASOLINE (RACK #4)	31
426996	F77537	BULK LOAD TERMINAL REC PIPELINE GASOLINE (RACK #5)	33
426997	F77536	BULK LOAD TERMINAL REC PIPELINE GASOLINE (RACK #6)	35
430643	F94488	STORAGE TANK(#934) DOMED EXT FL ROOF HYDROCAR	37
430749	F94489	STORAGE TANK(#933) DOMED EXT FL ROOF HYDROCAR	38
449628	F82041	STORAGE TANK(#950) MISC ORGANIC MATERIALS	39
457600	F85072	STORAGE TANK(#943) W/EXT FLOAT ROOF HYDROCARB	40
496950	G18842	STORAGE TANK (#932) MISC MATERIALS	42

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.



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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]



**FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

**Permit No. 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 ENGINE SHALL NOT OPERATE MORE THAN 199 HOURS IN ANY ONE YEAR.
[RULE 1304(a)(4)-MODELING AND OFFSET EXEMPTION]
- 4) A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)(4)-MODELING AND OFFSET EXEMPTION]
- 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]

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
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PERMIT TO OPERATE

**Permit No. 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 ENGINE SHALL NOT OPERATE MORE THAN 199 HOURS IN ANY ONE YEAR.
[RULE 1304(a)(4)-MODELING AND OFFSET EXEMPTION]
- 4) A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)(4)-MODELING AND OFFSET EXEMPTION]
- 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]

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



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PERMIT TO OPERATE

**Permit No. F50267
A/N 395558**

Equipment Description:

STORAGE TANK NO. 931, 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) GAPS BETWEEN THE SECONDARY SEAL AND THE RIVETED SHELL SHALL NOT EXCEED 1/2" WIDTH, EXCEPT FOR GAPS CAUSED EXCLUSIVELY BY THE VERTICAL BUTT STRAPS WHICH ARE 1/2" THICK OR THICKER. IN CASES WHERE THE VERTICAL BUTT STRAPS ARE MORE THAN 1/2" THICK, THE ALLOWABLE GAP WIDTH SHALL BE NO GREATER THAN 1/8" MORE THAN THE THICKNESS OF THE BUTT STRAP, AND THE GAP LENGTH (IN EXCESS OF 1/2" WIDE) NO LONGER THAN 1.75 TIMES THE THICKNESS OF THE BUTT STRAP.
[RULE 463, RULE 1178]
- 4) THIS TANK SHALL NOT BE USED FOR STORING PURE ORGANIC COMPOUNDS.
[RULE 204]
- 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



**FACILITY PERMIT TO OPERATE
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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 1178
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)



**FACILITY PERMIT TO OPERATE
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**Permit No. F50270
A/N 395562**

Equipment Description:

STORAGE TANK NO. 942, EXTERNAL FLOATING ROOF, DOUBLE DECK TYPE, 144' - 0" DIA. X 46' - 0" H., 5,605,000 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) GAPS BETWEEN THE SECONDARY SEAL AND THE RIVETED SHELL SHALL NOT EXCEED 1/2" WIDTH, EXCEPT FOR GAPS CAUSED EXCLUSIVELY BY THE VERTICAL BUTT STRAPS WHICH ARE 1/2" THICK OR THICKER. IN CASES WHERE THE VERTICAL BUTT STRAPS ARE MORE THAN 1/2" THICK, THE ALLOWABLE GAP WIDTH SHALL BE NO GREATER THAN 1/8" MORE THAN THE THICKNESS OF THE BUTT STRAP, AND THE GAP LENGTH (IN EXCESS OF 1/2" WIDE) NO LONGER THAN 1.75 TIMES THE THICKNESS OF THE BUTT STRAP.
[RULE 463, RULE 1178]
- 4) THIS TANK SHALL NOT BE USED FOR STORING PURE ORGANIC COMPOUNDS.
[RULE 204]
- 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



**FACILITY PERMIT TO OPERATE
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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 1178
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)



**FACILITY PERMIT TO OPERATE
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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



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**Permit No. F50279
A/N 395577**

Equipment Description:

TANK TRUCK DIESEL LOADING RACK NO.7 CONSISTING OF:

- A. 2-4" BOTTOM LOADING ARMS WITH DRY BREAK CONNECTIONS.
- B. 2-3" VAPOR RETURN CONNECTIONS.
- C. 2 TOTALIZING FLOW METERS.
- D. 2 DIESEL LOADING PUMPS, EACH INLINE WITH MECHANICAL SEAL AND 100-HP MOTOR (COMMON TO LOADING RACK NO. 8).
- E. DIESEL DISPENSING UNIT.
- F. SUMP, UNDERGROUND TANK T-903, 4,000 GAL CAPACITY, 8'DIA. X 31'L. (COMMON TO LOADING RACKS NOS. 1- 8).

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 LOADING RACK 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(b)(2) OFFSETS, RULE 1303(a)(1) BACT]

Periodic Monitoring: NONE

Emissions and Requirements: NONE



**FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

**Permit No. F50280
A/N 395579**

Equipment Description:

TANK TRUCK BULK DIESEL LOADING RACK NO.8 CONSISTING OF:

- A. 2- 4" BOTTOM LOADING ARMS WITH DRY BREAK CONNECTIONS.
- B. 2- 3" VAPOR RETURN CONNECTIONS.
- C. 2 TOTALIZING FLOW METERS.
- D. 2 DIESEL LOADING PUMPS, EACH INLINE WITH MECHANICAL SEAL AND 100-HP MOTOR (COMMON TO LOADING FACILITY NO. 7).
- E. DIESEL DISPENSING UNIT.
- F. SUMP, UNDERGROUND TANK T-903, 4,000 GAL CAPACITY, 8'-DIA. X 31'L. (COMMON TO LOADING FACILITIES I THROUGH 8).

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 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(b)(2) OFFSETS, RULE 1303(a)(1) BACT]

Periodic Monitoring: NONE

Emissions and Requirements: NONE



**FACILITY PERMIT TO OPERATE
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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)



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**Permit No. F50283
A/N 395583**

Equipment Description:

WASTE WATER TREATMENT SYSTEM CONSISTING OF:

1. LIFT STATION, CLOSED TOP SUMP NO. T-903, 15'-0.5"L. X 8'-0"DIA., 4,000 GAL. CAPACITY, WITH A 25 HP LIFT PUMP.
2. OIL WATER SEPARATION TANK NO. T-918, 10,000 BBLs, INTERNAL FLOATING ROOF TYPE WITH MECHANICAL SHOE TYPE PRIMARY SEAL, SECONDARY SEAL, AND FLOATING OIL SUCTION.
3. OIL PUMP, MP-918A, 5 HP.
4. OIL WATER SEPARATOR, GREAT LAKES ENVIRONMENTAL, INC., MODEL CGD-CR-400, CLOSED TOP CYLINDRICAL GRAVITY DISPLACEMENT TYPE, 27.5' L X 6' DIA., 400 GPM., WITH A 5 HP OIL PUMP, A 5 HP WATER PUMP, AND A 3-INCH BREATHER VALVE, VENTED TO A VAPOR RECOVERY SYSTEM (PERMITTED UNDER P/O D78770 OR SUBSEQUENT).
5. OZONE GENERATOR, OG-952, ALTEN WATER TREATMENT CORP., 50 GRAMS OF OZONE PER HOUR CAPACITY.
6. TWO CARBON ADSORBERS NOS. V-1 & V-2, SKID MOUNTED, EACH CONTAINING 10,000 LBS. OF ACTIVATED CARBON.
7. CLEAN WATER TANK NO. T-952, 16,000 GAL. 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 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 1176, RULE 1303(a)(1) BACT]
- 4) THE BREATHER VALVE ON THE OIL WATER SEPARATOR SHALL HAVE A RELIEF SET PRESSURE NOT LESS THAN 0.5" WC.
[RULE 1303(a)(1) BACT, RULE 1303(b)(2) OFFSETS]



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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 464
 - VOC: RULE 1149
 - VOC: 500 PPMV, RULE 1176
 - VOC: RULE 1178
 - VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)



**FACILITY PERMIT TO OPERATE
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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 1178
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. 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:

5) 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]



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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 AND 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 1178
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. F66209
A/N 419712**

Equipment Description:

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

A VAPOR COLLECTION SYSTEM

1. TANK TK-120, UNDERGROUND, 7-9" DIA X 14-8" L, 5,000 GALLON CAPACITY
2. TWO VAPOR HOLDING TANKS, BLADDER TYPE, 28' DIA X 40'H, 20,000 CUBIC FEET CAPACITY EACH, WITH AN AUTOMATIC LEVEL GAUGE, A BLADDER PRESSURE RELIEF VALVE, A PRESSURE RELIEF VALVE LOWER EXPLOSIVE LIMIT VAPOR DETECTOR, AND A SHELL VENT LOWER EXPLOSIVE LIMIT VAPOR DETECTOR

B VAPOR RECOVERY SYSTEM

1. THREE REFRIGERATION CONDENSERS, , 8-9"L X 8-4"W X 17-3"H, EDWARDS ENGINEERING, MODEL MODIFIED DE4000, 26.2 TONS CAPACITY EACH WITH AN UPPER COIL COMPRESSOR, CARRIER, MODEL 5H80, 60 HP, A LOWER COIL COMPRESSOR, CARRIER, MODEL 5H60, A 50 HP VAPOR CONDENSER, AND A 10 HP PRE-COOLER COMPRESSOR,
2. CONDENSATE PUMPS, SUBMERSIBLE, TWO 1 1/2 HP AND ONE 2 HP

C VAPOR COMBUSTION SYSTEM

1. ENCLOSED FLARE, JOHN ZINK, MODEL ZTOF, 10' DIA X 40'H , WITH A TWO STAGE BURNER, 100 MMBTU/HR, 1,200 SCFM CAPACITY, AND AN AIR-ASSISTED BLOWER, BL-301, 10 HP
2. TWO BOOSTER BLOWERS, BL-201, AND BL-202, 3 HP ,650 CFM
3. DETONATION FLAME ARRESTOR

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]



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

- 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. ALL RECORDS SHALL BE KEPT FOR AT LEAST FIVE YEARS AND MADE AVAILABLE UPON REQUEST.
[RULE 462]
- 4) THE GASOLINE LOADING FACILITY SERVED BY THIS AIR POLLUTION CONTROL SYSTEM SHALL NOT BE OPERATED UNLESS DISPLACED VAPOR RECOVERED FROM TRUCK LOADING OPERATIONS IS VENTED TO THE VAPOR HOLDING TANKS THAT ARE OPERATING WITHIN THEIR NORMAL DESIGN CAPACITY. ACCUMULATED VAPOR SHALL NOT BE DISCHARGED FROM THE VAPOR HOLDING TANKS UNLESS AT LEAST ONE REFRIGERATION UNIT AND THE FLARE ARE OPERATING WITHIN NORMAL DESIGN PARAMETERS.
[RULE 1303(a)(1)-BACT]
- 5) THE MINIMUM FLARE OPERATING TEMPERATURE SHALL BE 400 DEGREES FAHRENHEIT. A CONTINUOUS TEMPERATURE MEASURING AND RECORDING DEVICE SHALL BE INSTALLED IN THE FLARE FIREBOX OR FLUE IMMEDIATELY DOWNSTREAM. THE TEMPERATURE MEASURING DEVICE SHALL BE ACCURATE TO WITHIN 1% OF THE MEASURED TEMPERATURE OR PLUS/MINUS 2.2 DEGREES CELSIUS, WHICH EVER IS THE GREATER. THE TEMPERATURE MEASURING AND RECORDING DEVICE SHALL BE MAINTAINED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AND CALIBRATED EVERY 12 MONTHS.
[RULE 1303(a)(1) BACT]
- 6) THE THROUGHPUT LIMIT AT THE FACILITY SERVED BY THIS AIR POLLUTION CONTROL SYSTEM SHALL NOT EXCEED 7,000,000 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM, WHICH WILL SHUT DOWN THE LOADING OPERATION WHEN THE THROUGHPUT LIMIT IS REACHED.
[RULE 1303(b)(2) OFFSETS]
- 7) THE VAPOR CONDENSING COILS OF THE EDWARDS REFRIGERATION UNIT SHALL BE MAINTAINED AT A NORMAL OPERATING TEMPERATURE BETWEEN 0 AND MINUS 70 DEGREES FAHRENHEIT WHEN THE VAPOR RECOVERY SYSTEM IS IN FULL USE. TEMPERATURE OF THE COILS SHALL BE MONITORED AND RECORDED CONTINUOUSLY WHEN THE GASOLINE LOADING FACILITY IS IN OPERATION. THE TEMPERATURE MEASURING DEVICE SHALL BE ACCURATE TO WITHIN 1% OF THE MEASURED VALUE OR PLUS/MINUS 2.2 DEGREES FARHENHEIT, WHICHEVER IS GREATER, AND SHALL BE CALIBRATED ANNUALLY.
[RULE 1303(a)(1) BACT]



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

- 8) ALL PRESSURE RELIEF VALVES, EXCEPT THE BLADDER PRESSURE RELIEF VALVE, IN THIS AIR POLLUTION CONTROL SYSTEM SHALL HAVE A RELIEF PRESSURE ABOVE 18 INCHES OF WATER. THE BLADDER PRESSURE RELIEF VALVE SHALL HAVE A MINIMUM RELIEF PRESSURE OF 3 INCHES OF WATER. ALL PRESSURE RELIEF VALVES SHALL BE TAGGED AND ACCESSIBLE FOR INSPECTION.
[RULE 462, RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSETS]
- 9) THE LOWER EXPLOSIVE LIMIT (LEL) VAPOR DETECTORS, INSTALLED TO DETECT LEAKAGE OF THE BLADDER, THE ALARM SYSTEM, AND VAPOR HOLDER SHALL BE INSPECTED MONTHLY TO ENSURE THEIR PROPER FUNCTION.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]
- 10) THE OPERATOR SHALL KEEP RECORDS TO DEMONSTRATE COMPLIANCE WITH CONDITIONS OF THIS PERMIT. ALL RECORDS SHALL BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
[RULE 1303(a)(1) BACT]

Periodic Monitoring:

- 11) THE OPERATOR SHALL CONDUCT A SOURCE TEST AT LEAST ONCE EVERY THREE YEARS. THE SOURCE TEST SHALL DETERMINE THE TOTAL VOC EMISSION RATE IN POUNDS PER 1000 GALLONS OF GASOLINE LOADED. THE MINIMUM LOADING RATE SHALL BE 4000 GALLONS PER MINUTE, AND THE TOTAL QUANTITY OF GASOLINE LOADED AT EACH RACK DURING THE TEST SHALL BE MEASURED AND RECORDED.
[RULE 1303(a)(1) BACT, RULE 3004(a)(4) PERIODIC MONITORING]

Emissions and Requirements:

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

REFRIGERANTS: RULE 1415
HAP/TOC: 10 MG/L OF GASOLINE LOADED, 40CFR63 SUBPART R.
VOC: 0.08 LB/1000 GALLONS ORGANIC 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. 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 1178
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. F77532
A/N 426932**

Equipment Description:

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

- A. FOUR 4" BOTTOM LOADING ARMS WITH DRY BREAK CONNECTIONS.
- B. TWO 4" VAPOR RETURN CONNECTIONS.
- C. TEN TOTALIZING FLOW METERS.
- D. ELEVEN GASOLINE PUMPS, EACH INLINE WITH MECHANICAL SEALS AND 100 HP MOTORS (COMMON TO LOADING RACKS 1 THROUGH 6)
- E. DIESEL DISPENSING UNIT
- F. TANK T-903, UNDERGROUND SUMP, 4,000 GAL CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8)
- G. THREE ETHANOL TRANSFER PUMPS, EACH WITH 25 HP MOTOR AND TANDEM MECHANICAL SEALS VENTED TO VAPOR CONTROL SYSTEM (COMMON TO LOADING RACKS 1 THROUGH 6)
- H. TWO ADDITIVES PUMPS, MAGNETIC DRIVE GEAR PUMPS, 2 HP (COMMON TO LOADING RACKS 1 THROUGH 6)

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. 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.
 - B. FOR EQUIPMENT COVERED UNDER THIS PERMIT, ALL FUGITIVE COMPONENTS IN VOC SERVICE EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL VALVES AND FLANGES IN VOC SERVICE SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.



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

- C. IF 98 PERCENT OR MORE OF THE 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. FOR ALL 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.
- E. 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 462, RULE 1303(a)(1) BACT, 40CFR63 SUBPART R]

Periodic Monitoring: NONE

Emissions and Requirements:

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

HAP/TOC: 10 MG/L GASOLINE LOADED, 40CFR63 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. F77533
A/N 426991**

Equipment Description:

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

- A. FOUR 4" BOTTOM LOADING ARMS WITH DRY BREAK CONNECTIONS.
- B. TWO 4" VAPOR RETURN CONNECTIONS.
- C. TEN TOTALIZING FLOW METERS.
- D. ELEVEN GASOLINE PUMPS, EACH INLINE WITH MECHANICAL SEALS AND 100 HP MOTORS (COMMON TO LOADING RACKS 1 THROUGH 6).
- E. DIESEL DISPENSING UNIT.
- F. TANK T-903, UNDERGROUND SUMP, 4,000 GAL CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
- G. THREE ETHANOL TRANSFER PUMPS, EACH WITH 25 HP MOTOR AND TANDEM MECHANICAL SEALS VENTED TO VAPOR CONTROL SYSTEM (COMMON TO LOADING RACKS 1 THROUGH 6).
- H. TWO ADDITIVES PUMPS, MAGNETIC DRIVE GEAR PUMPS, 2 HP (COMMON TO LOADING RACKS 1 THROUGH 6).

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. 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.



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

- B. FOR EQUIPMENT COVERED UNDER THIS PERMIT, ALL FUGITIVE COMPONENTS IN VOC SERVICE EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL VALVES AND FLANGES IN VOC SERVICE SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
- C. IF 98 PERCENT OR MORE OF THE 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. FOR ALL 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.
- E. 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 462, RULE 1303(a)(1) BACT, 40CFR63 SUBPART R]

Periodic Monitoring: NONE

Emissions and Requirements:

- 4) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- HAP/TOC: 10 MG/L OF GASOLINE LOADED, 40CFR63 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. F77534
A/N 426993**

Equipment Description:

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

- A. FOUR 4" BOTTOM LOADING ARMS WITH DRY BREAK CONNECTIONS.
- B. TWO 4" VAPOR RETURN CONNECTIONS.
- C. TEN TOTALIZING FLOW METERS.
- D. ELEVEN GASOLINE PUMPS, EACH INLINE WITH MECHANICAL SEALS AND 100 HP MOTORS (COMMON TO LOADING RACKS 1 THROUGH 6).
- E. DIESEL DISPENSING UNIT.
- F. TANK T-903, UNDERGROUND SUMP, 4,000 GAL CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
- G. THREE ETHANOL TRANSFER PUMPS, EACH WITH 25 HP MOTOR AND TANDEM MECHANICAL SEALS VENTED TO VAPOR CONTROL SYSTEM (COMMON TO LOADING RACKS 1 THROUGH 6).
- H. TWO ADDITIVES PUMPS, MAGNETIC DRIVE GEAR PUMPS, 2 HP (COMMON TO LOADING RACKS 1 THROUGH 6).

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. 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.



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

- B. FOR EQUIPMENT COVERED UNDER THIS PERMIT, ALL FUGITIVE COMPONENTS IN VOC SERVICE EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL VALVES AND FLANGES IN VOC SERVICE SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
- C. IF 98 PERCENT OR MORE OF THE 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. FOR ALL 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.
- E. 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 462, RULE 1303(a)(1) BACT, 40CFR63 SUBPART R]

Periodic Monitoring: NONE

Emissions and Requirements:

- 4) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
 - HAP/TOC: 10 MG/L OF GASOLINE LOADED, 40CFR63 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. F77535
A/N 426994**

Equipment Description:

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

- A. FOUR 4" BOTTOM LOADING ARMS WITH DRY BREAK CONNECTIONS.
- B. TWO 4" VAPOR RETURN CONNECTIONS.
- C. TEN TOTALIZING METERS.
- D. ELEVEN GASOLINE PUMPS, EACH INLINE WITH MECHANICAL SEALS AND 100 HP MOTORS (COMMON TO LOADING RACKS 1 THROUGH 6).
- E. DIESEL DISPENSING UNIT.
- F. TANK T-903, UNDERGROUND SUMP, 4,000 GAL CAPACITY, 8' DIA. X 31 L. (COMMON TO LOADING RACKS 1 THROUGH 8).
- G. THREE ETHANOL TRANSFER PUMPS, EACH WITH 25 HP MOTOR AND TANDEM MECHANICAL SEALS, VENTED TO VAPOR CONTROL SYSTEM (COMMON TO LOADING RACKS 1 THROUGH 6).
- H. TWO ADDITIVES PUMPS, MAGNETIC DRIVE GEAR PUMPS, 2 HP (COMMON TO LOADING RACKS 1 THROUGH 6).

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. 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.



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- B. FOR EQUIPMENT COVERED UNDER THIS PERMIT, ALL FUGITIVE COMPONENTS IN VOC SERVICE EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL VALVES AND FLANGES IN VOC SERVICE SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
- C. IF 98 PERCENT OR MORE OF THE 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. FOR ALL 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.
- E. 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 462, RULE 1303(a)(1) BACT, 40CFR63 SUBPART R]

Periodic Monitoring: NONE

Emissions and Requirements:

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

HAP/TOC: 10 MG/L OF GASOLINE LOADED, 40CFR63 SUBPART R.
VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUID LOADED, RULE 462
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)



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PERMIT TO OPERATE

**Permit No. F77537
A/N 426996**

Equipment Description:

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

- A. FOUR 4" BOTTOM LOADING ARMS WITH DRY BREAK CONNECTIONS.
- B. TWO 4" VAPOR RETURN CONNECTIONS.
- C. TEN TOTALIZING FLOW METERS.
- D. ELEVEN GASOLINE PUMPS, EACH INLINE WITH MECHANICAL SEALS AND 100 HP MOTORS (COMMON TO LOADING RACKS 1 THROUGH 6).
- E. DIESEL DISPENSING UNIT.
- F. TANK T-903, UNDERGROUND SUMP, 4,000 GAL CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
- G. THREE ETHANOL TRANSFER PUMPS, EACH WITH 25 HP MOTOR AND TANDEM MECHANICAL SEALS VENTED TO VAPOR CONTROL SYSTEM (COMMON TO LOADING RACKS 1 THROUGH 6).
- H. TWO ADDITIVES PUMPS, MAGNETIC DRIVE GEAR PUMPS, 2 HP (COMMON TO LOADING RACKS 1 THROUGH 6).

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. 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.



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- B. FOR EQUIPMENT COVERED UNDER THIS PERMIT, ALL FUGITIVE COMPONENTS IN VOC SERVICE EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL VALVES AND FLANGES IN VOC SERVICE SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
 - C. IF 98 PERCENT OR MORE OF THE 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. FOR ALL 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.
 - E. 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 462, RULE 1303(a)(1) BACT, 40CFR63 SUBPART R]

Periodic Monitoring: NONE

Emissions and Requirements:

- 4) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
 - HAP/TOC: 10 MG/L OF GASOLINE LOADED, 40CFR63 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. F77536
A/N 426997**

Equipment Description:

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

- A. FOUR 4" GASOLINE BOTTOM LOADING ARMS WITH DRY BREAK CONNECTIONS.
- B. TWO 3" VAPOR RETURN CONNECTIONS.
- C. TEN GASOLINE TOTALIZING FLOW METERS.
- D. ELEVEN GASOLINE PUMPS, EACH INLINE WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING RACKS 1 THROUGH 6).
- E. DIESEL DISPENSING UNIT.
- F. TANK T-903 UNDERGROUND SUMP, 4,000 GAL CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
- G. TWO 4" BOTTOM LOADING ARMS WITH TWO METERS FOR DIESEL WITH DRY BREAK CONNECTIONS.
- H. THREE ETHANOL TRANSFER PUMPS, EACH WITH 25 HP MOTOR AND TANDEM MECHANICAL SEALS VENTED TO VAPOR RECOVERY SYSTEM (COMMON TO LOADING RACKS 1 THROUGH 6).
- I. TWO ADDITIVE PUMPS, MAGNETIC DRIVE GEAR PUMPS, 2 HP (COMMON TO LOADING RACKS 1 THROUGH 6).

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:



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- A. 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.
- B. FOR EQUIPMENT COVERED UNDER THIS PERMIT, ALL FUGITIVE COMPONENTS IN VOC SERVICE EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL VALVES AND FLANGES IN VOC SERVICE SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
- C. IF 98 PERCENT OR MORE OF THE 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. FOR ALL 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.
- E. 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 462, RULE 1303(a)(1) BACT, 40CFR63 SUBPART R]

Periodic Monitoring: NONE

Emissions and Requirements:

- 4) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
 - HAP/TOC: 10 MG/L OF GASOLINE LAODED, 40CFR63 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. F94488
A/N 430643**

Equipment Description:

STORAGE TANK NO. 934, DOMED EXTERNAL FLOATING ROOF TYPE, 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 1178
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. F94489
A/N 430749**

Equipment Description:

STORAGE TANK NO. 933, DOMED EXTERNAL FLOATING ROOF, 144' -0" DIA. X 46' -0" H, CAPACITY 132,000 BARRELS CAPACITY, RIVETED SHELL, DOUBLE DECK FLOATING ROOF, WITH A MECHANICAL SHOE TYPE PRIMARY SHOE TYPE 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 1178
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. 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. F85072
A/N 457600**

Equipment Description:

STORAGE TANK NO 943. EXTERNAL FLOATING ROOF TANK, DOUBLE DECK TYPE, DOMED, 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: 40CFR63 SUBPART R.
VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178
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. 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 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)
VOC: RULE 463



**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