



FACILITY PERMIT TO OPERATE

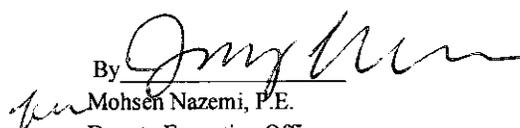
**BP WEST COAST PROD/ARCO VINVALE TERMINAL
8601 S GARFIELD AVE
SOUTH GATE, CA 90280**

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 
Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering & Compliance



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765





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BP WEST COAST PROD/ARCO VINVALE TERMINAL**

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

Facility Equipment and Requirements
(Section H)

This section consists of a table listing all individual Permits to Construct issued to various equipment at the facility. Each permit 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 CONSTRUCT AT THIS FACILITY:

Application No.	Equipment Description	Page Number
420776	WASTE WATER TREATMENT >50,000 GPD	3
442943	STORAGE TANK(#931) DOMED EXT FL ROOF HYDROCAR	5
450830	VAPOR RECOVERY(FLARE) SERVING BULK LOADING	7
450831	BULK LOADING RACK(#1) GASOLINE	9
450832	BULK LOADING RACK(#2) GASOLINE	11
450833	BULK LOADING RACK(#3) GASOLINE	13
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450835	BULK LOADING RACK(#5) GASOLINE	17
450836	BULK LOADING RACK(#6) GASOLINE & DIESEL	19
450837	BULK LOADING RACK(#7) DIESEL	21
450838	BULK LOADING RACK(#8) DIESEL	23
450864	WASTE WATER TREATMENT >50,000 GPD	25
452738	VAPOR RECOVERY(CARBON) SERVING BULK LOADING	27
452740	VAPOR RECOVERY(CARBON) SERVING BULK LOADING	31
472717	STORAGE TANK DOMED EXT FL ROOF HYDROCAR	35
530257	ICE (50-500 HP) EMERGENCY FIRE PUMP (205 BHP)	37

NOTE: EQUIPMENT LISTED ABOVE ARE ISSUED PERMITS TO CONSTRUCT. THE ISSUANCE OR DENIAL OF THEIR PERMITS TO OPERATE IS SUBJECT TO ENGINEERING FINAL REVIEW. ANY OTHER APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT WILL NOT BE FOUND IN THIS TITLE V PERMIT.



**FACILITY PERMIT TO OPERATE
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PERMIT TO CONSTRUCT

**A/N 420776
Granted 1/28/2004**

Equipment Description:

WASTE WATER TREATMENT SYSTEM CONSISTING OF:

1. LIFT STATION, CLOSED TOP SUMP, TANK 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, 50'-0"DIA. X 30'-0"L., 10,340 BBLS CAPACITY, DOMED EXTERNAL FLOATING ROOF TYPE WITH MECHANICAL SHOE PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, GEODESIC DOME ROOF, 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, 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 (PERMITTED UNDER P/O D78770 OR ITS 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 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 1303(a)(1) BACT]



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- 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) 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]
- 6) THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF TANK NO. T-918 SHALL NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT OF THE STORAGE PRODUCT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF AT LEAST TWICE A YEAR AT 4 TO 8 MONTHS INTERVALS, AND RECORD THE MEASUREMENTS TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION. THE EXPLOSIMETER SHALL BE MAINTAINED AND CALIBRATED FOR ACCURACY PERIODICALLY ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
[RULE 463, RULE 1178]
- 7) THE OPERATOR SHALL KEEP RECORDS REQUIRED BY ALL THE CONDITIONS OF THIS PERMIT IN A MANNER APPROVED BY THE DISTRICT. THE RECORDS SHALL BE MAINTAINED, KEPT ON FILE, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE 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:

VOC: RULE 463
VOC: RULE 464
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 CONSTRUCT

A/N 442943
Granted 8/09/2005

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 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) 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, RULE 1178]
- 4) THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF SHALL NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT OF THE STORAGE PRODUCT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF AT LEAST TWICE A YEAR AT 4 TO 8 MONTHS INTERVALS, AND RECORD THE MEASUREMENTS TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION. THE EXPLOSIMETER SHALL BE MAINTAINED AND CALIBRATED FOR ACCURACY PERIODICALLY ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
[RULE 463, RULE 1178]
- 5) THE OPERATOR SHALL KEEP RECORDS OF THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUIDS.
[RULE 463]
- 6) THE OPERATOR SHALL KEEP RECORDS REQUIRED BY ALL THE CONDITIONS OF THIS PERMIT IN A MANNER APPROVED BY THE DISTRICT. THE RECORDS SHALL BE MAINTAINED, KEPT ON FILE, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 463, RULE 1178]



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- 7) THE OPERATOR SHALL PROVIDE TO THE DISTRICT FINAL DRAWINGS AND/OR SPECIFICATIONS OF THE GEODESIC DOME COVER TO BE INSTALLED/CONSTRUCTED AT LEAST 30 DAYS PRIOR TO CONSTRUCTION START UP.
[RULE 204]

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
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PERMIT TO CONSTRUCT

A/N 450830
Granted 8/23/2006

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 ZTOF, 10' DIA. X 40' 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.
2. TWO BOOSTER BLOWERS, BL-201 AND BL-202, 10 HP., 650 CFM.

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. ALL RECORDS SHALL BE MADE AVAILABLE UPON REQUEST.
[RULE 462]
- 4) THE DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION AT THIS FACILITY SHALL BE VENTED TO A FLARE AIR POLLUTION CONTROL SYSTEM, PERMITTED UNDER A/N 450830 OR SUBSEQUENT, OR TO 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) THE LOADING RATE 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 1303(b)(2) OFFSETS]



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- 7) 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]
- 8) THE OPERATOR SHALL KEEP RECORDS TO DEMONSTRATE COMPLIANCE WITH CONDITION NOS. 6 AND 7. ALL RECORDS SHALL BE RETAINED AND MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
[RULE 1303(a)(1) BACT, RULE 1303(b)(2) OFFSETS]
- 9) WITHIN 30 DAYS FROM INITIAL START-UP OF THE JOHN ZINK CARBON ADSORPTION/ ABSORPTION VAPOR RECOVERY UNITS PERMITTED UNDER A/N 452738 AND 452740, THE EXISTING TWO VAPOR HOLDING TANKS AND THREE REFRIGERATION CONDENSERS, COVERED UNDER PERMIT NO. F66209 (A/N 419712), SHALL BE TAKEN OUT OF SERVICE.
[204]

Periodic Monitoring: NONE

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, 40CFR62 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
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PERMIT TO CONSTRUCT

A/N 450831
Granted 8/23/2006

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. DIESEL DISPENSING UNIT.
6. SUMP TANK T-903, UNDERGROUND, 4,000 GALLON CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
7. UNDERGROUND KNOCKOUT TANK TK-120, UNDERGROUND, 7'-9" DIA. X 14'-8" L., 5,000 GALLON CAPACITY (COMMON TO LOADING RACKS 1 THROUGH 8).
8. THREE ETHANOL TRANSFER PUMPS, EACH WITH 25 HP MOTOR AND TANDEM MECHANICAL SEALS VENTED TO CARBON ADSORPTION/ABSORPTION VAPOR RECOVERY SYSTEM AND STANDBY FLARE (COMMON TO LOADING RACKS 1 THROUGH 6).
9. 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
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- 3) DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION SHALL BE VENTED TO A VAPOR RECOVERY AND DISPOSAL SYSTEM. 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]
- 4) 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]
- 5) 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]
- 6) 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]
- 7) THE RECORDS REQUIRED BY CONDITIONS OF THIS PERMIT INCLUDING CARGO TANK INTEGRITY TESTS, PERIODIC LEAK INSPECTIONS, COMPONENT IDENTIFICATION AND TYPE, SERVICE, LOACTION LEAK RATE AND 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, 40CFR63, SUBPART R]

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, 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
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PERMIT TO CONSTRUCT

A/N 450832
Granted 8/23/2006

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. DIESEL DISPENSING UNIT.
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. 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).
9. 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]



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- 3) DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION SHALL BE VENTED TO A VAPOR RECOVERY AND DISPOSAL SYSTEM. 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]
- 4) 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]
- 5) 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]
- 6) 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]
- 7) THE RECORDS REQUIRED BY CONDITIONS OF THIS PERMIT INCLUDING CARGO TANK INTEGRITY TESTS, PERIODIC LEAK INSPECTIONS, COMPONENT IDENTIFICATION AND TYPE, SERVICE, LOACTION LEAK RATE AND 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, 40CFR63, SUBPART R]

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, 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 CONSTRUCT

**A/N 450833
Granted 8/23/2006**

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. DIESEL DISPENSING UNIT.
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. 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).
9. 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) DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION SHALL BE VENTED TO A VAPOR RECOVERY AND DISPOSAL SYSTEM. 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]
- 4) 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]
- 5) 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]
- 6) 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]
- 7) THE RECORDS REQUIRED BY CONDITIONS OF THIS PERMIT INCLUDING CARGO TANK INTEGRITY TESTS, PERIODIC LEAK INSPECTIONS, COMPONENT IDENTIFICATION AND TYPE, SERVICE, LOACTION LEAK RATE AND 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, 40CFR63, SUBPART R]

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, 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 CONSTRUCT

**A/N 450834
Granted 8/23/2006**

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. DIESEL DISPENSING UNIT.
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. 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).
9. 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) DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION SHALL BE VENTED TO A VAPOR RECOVERY AND DISPOSAL SYSTEM. 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]
- 4) 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]
- 5) 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]
- 6) 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]
- 7) THE RECORDS REQUIRED BY CONDITIONS OF THIS PERMIT INCLUDING CARGO TANK INTEGRITY TESTS, PERIODIC LEAK INSPECTIONS, COMPONENT IDENTIFICATION AND TYPE, SERVICE, LOCATION LEAK RATE AND 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, 40CFR63, SUBPART R]

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, 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 CONSTRUCT

**A/N 450835
Granted 8/23/2006**

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. DIESEL DISPENSING UNIT.
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. 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).
9. 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) DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION SHALL BE VENTED TO A VAPOR RECOVERY AND DISPOSAL SYSTEM. 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]
- 4) 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]
- 5) 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]
- 6) 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]
- 7) THE RECORDS REQUIRED BY CONDITIONS OF THIS PERMIT INCLUDING CARGO TANK INTEGRITY TESTS, PERIODIC LEAK INSPECTIONS, COMPONENT IDENTIFICATION AND TYPE, SERVICE, LOACTION LEAK RATE AND 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, 40CFR63, SUBPART R]

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, 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 CONSTRUCT

A/N 450836
Granted 8/23/2006

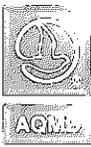
Equipment Description:

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. DIESEL DISPENSING UNIT.
7. SUMP TANK T-903, UNDERGROUND, 4,000 GALLON CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
8. TANK TK-120, UNDERGROUND, 7'-9" DIA. X 14'-8" L., 5,000 GALLON CAPACITY (COMMON TO LOADING RACKS 1 THROUGH 8).
9. TWO 4" BOTTOM LOADING ARMS WITH TWO METERS, FOR DIESEL, WITH DRY BREAK CONNECTIONS.
10. 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).
11. 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]



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) DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION SHALL BE VENTED TO A VAPOR RECOVERY AND DISPOSAL SYSTEM. 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]
- 4) 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]
- 5) 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]
- 6) 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]
- 7) THE RECORDS REQUIRED BY CONDITIONS OF THIS PERMIT INCLUDING CARGO TANK INTEGRITY TESTS, PERIODIC LEAK INSPECTIONS, COMPONENT IDENTIFICATION AND TYPE, SERVICE, LOACTION LEAK RATE AND 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, 40CFR63, SUBPART R]

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, 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 CONSTRUCT

**A/N 450837
Granted 8/23/2006**

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. DIESEL DISPENSING UNIT.
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).

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 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 462, 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:

HAP/TOC: 40CFR63 SUBPART R.
VOC: 0.08 POUNDS PER 1000 GALLONS 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 CONSTRUCT

**A/N 450838
Granted 8/23/2006**

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. DIESEL DISPENSING UNIT.
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).

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 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 462, 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:

HAP/TOC: 10 MG/L OF GASOLINE LOADED 40CFR63 SUBPART R.
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)



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

PERMIT TO CONSTRUCT

**A/N 450864
Granted 03/07/2007**

Equipment Description:

WASTE WATER TREATMENT SYSTEM CONSISTING OF:

1. CLOSED TOP SUMP TANK NO. T-903, 15'-0.5"L X 8'-0"DIA., 4,000 GAL. CAPACITY, LIFT STATION WITH ONE 25 HP SUBMERSIBLE LIFT PUMP, AND ONE 25 HP NON-SUBMERSIBLE LIFT PUMP.
2. DOMED EXTERNAL FLOATING ROOF TANK NO. T-918, DOUBLE DECK TYPE, 50'-0"DIA. X 30'-0"L., 10,340 BBLs CAPACITY, TYPE WITH CATEGORY A MECHANICAL SHOE PRIMARY SEAL, CATEGORY B OR BETTER WIPER TYPE SECONDARY SEAL., OIL WATER SEPARATION WITH FLOATING OIL SUCTION
3. OIL PUMPS, TWO EACH, NO. MP-918A - 10 HP, AND NO. MP-918B - 7.5 HP.
4. 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 (PERMITTED UNDER P/O D78770 OR ITS 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, 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 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) 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]
- 6) THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF TANK NO. T-918 SHALL NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT OF THE STORAGE PRODUCT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF AT LEAST TWICE A YEAR AT 4 TO 8 MONTHS INTERVALS, AND RECORD THE MEASUREMENTS TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION. THE EXPLOSIMETER SHALL BE MAINTAINED AND CALIBRATED FOR ACCURACY PERIODICALLY ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
[RULE 463, RULE 1178]
- 7) THE OPERATOR SHALL KEEP RECORDS REQUIRED BY ALL THE CONDITIONS OF THIS PERMIT IN A MANNER APPROVED BY THE DISTRICT. THE RECORDS SHALL BE MAINTAINED, KEPT ON FILE, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE 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:
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 CONSTRUCT

A/N 452738
Granted 8/23/2006

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 FLARE AIR POLLUTION CONTROL SYSTEM, PERMITTED UNDER A/N 450830 OR SUBSEQUENT, OR TO ADSORPTION/ABSORPTION VAPOR RECOVERY UNITS, PERMITTED UNDER A/N 452738 AND 452740 OR SUBSEQUENT.
[RULE 462, RULE 1303(a)(1) BACT, 40CFR 63, SUBPART R]



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- 4) THE LOADING RATE 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 463, RULE 1303(b)(2) OFFSETS]
- 5) 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.
- 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. 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.
- 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 1303(a)(1) BACT]
- 6) THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
- THE TEST SHALL BE CONDUCTED TO DEMONSTRATE COMPLIANCE WITH THE REQUIREMENTS OF DISTRICT RULE 462 AND TO GAIN CARB CERTIFICATION.
- A. THE TEST SHALL BE CONDUCTED AT LEAST ANNUALLY.
- B. A TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSION RATE IN POUNDS PER 1,000 GALLONS LOADED.



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- C. THE TEST SHALL BE CONDUCTED TO DEMONSTRATE A 99% CONTROL EFFICIENCY OF THE VAPOR RECOVERY SYSTEM.
 - D. THE TEST SHALL BE CONDUCTED TO DETERMINE THE BULK LOADING RATE IN GALLONS PER HOUR DURING THE SOURCE TEST.
 - E. THE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER COMPLETION OF CONSTRUCTION.
 - F. THE DISTRICT SHALL BE NOTIFIED OF THE DATE AND TIME OF THE TEST AT LEAST 10 DAYS PRIOR TO THE TEST.
 - G. SOURCE TEST RESULTS SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE SOURCE TEST IS CONDUCTED.
[RULE 462, 40CFR63 SUBPART R]
- 7) 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, 40CFR63 SUBPART R]
- 8) WITHIN 180 DAYS OF INITIAL OPERATION OF THE CONTINUOUS EMISSIONS MONITORING DEVICE, THE OPERATOR SHALL SUBMIT A CONTINUOUS MONITORING SYSTEM (CMS) PLAN TO THE DISTRICT FOR APPROVAL.
[RULE 462, 40CFR63 SUBPART R]
- 9) A TABLE OR GRAPH SHALL BE DEVELOPED TO CORRELATE THE HYDROCARBON MONITOR CONCENTRATION READINGS IN % OR PPMV WITH THE EMISSIONS RATE IN LBS PER 1000 GALLONS LOADED.
[RULE 462, 40CFR63 SUBPART R]
- 10) 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, 40CFR63, SUBPART R]



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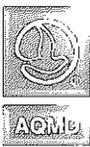
- 11) THROUGHPUT RECORDS AND OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE MAINTAINED FOR A FIVE YEAR PERIOD AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 462]
- 12) WITHIN 30 DAYS FROM INITIAL START-UP OF THE JOHN ZINK ADSORPTION/ABSORPTION VAPOR RECOVERY UNIT, THE EXISTING TWO VAPOR HOLDING TANKS AND THREE REFRIGERATION CONDENSERS, COVERED UNDER PERMIT NO. F66209 (A/N 419712), SHALL BE TAKEN OUT OF SERVICE.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

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

HAP/TOC: 10 MG/LITER 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)



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

PERMIT TO CONSTRUCT

**A/N 452740
Granted 8/23/2006**

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 FLARE AIR POLLUTION CONTROL SYSTEM, PERMITTED UNDER A/N 450830 OR SUBSEQUENT, OR TO ADSORPTION/ABSORPTION VAPOR RECOVERY UNITS, PERMITTED UNDER A/N 452738 AND 452740 OR SUBSEQUENT.
[RULE 462, 40CFR 63, SUBPART R]



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

- 4) THE LOADING RATE 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 463, RULE 1303(b)(2) OFFSETS]
- 5) 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.
- 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. 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.
- 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 1303(a)(1) BACT]
- 6) THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
- THE TEST SHALL BE CONDUCTED TO DEMONSTRATE COMPLIANCE WITH THE REQUIREMENTS OF DISTRICT RULE 462 AND TO GAIN CARB CERTIFICATION.
- A. THE TEST SHALL BE CONDUCTED AT LEAST ANNUALLY.



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- B. A TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSION RATE IN POUNDS PER 1,000 GALLONS LOADED.
- C. THE TEST SHALL BE CONDUCTED TO DEMONSTRATE A 99% CONTROL EFFICIENCY OF THE VAPOR RECOVERY SYSTEM.
- D. THE TEST SHALL BE CONDUCTED TO DETERMINE THE BULK LOADING RATE IN GALLONS PER HOUR DURING THE SOURCE TEST.
- E. THE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER COMPLETION OF CONSTRUCTION.
- F. THE DISTRICT SHALL BE NOTIFIED OF THE DATE AND TIME OF THE TEST AT LEAST 10 DAYS PRIOR TO THE TEST.
- G. SOURCE TEST RESULTS SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE SOURCE TEST IS CONDUCTED.
[RULE 462, 40CFR63 SUBPART R]
- 7) 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, 40CFR63 SUBPART R]
- 8) WITHIN 180 DAYS OF INITIAL OPERATION OF THE CONTINUOUS EMISSIONS MONITORING DEVICE, THE OPERATOR SHALL SUBMIT A CONTINUOUS MONITORING SYSTEM (CMS) PLAN TO THE DISTRICT FOR APPROVAL.
[RULE 462, 40CFR63 SUBPART R]
- 9) A TABLE OR GRAPH SHALL BE DEVELOPED TO CORRELATE THE HYDROCARBON MONITOR CONCENTRATION READINGS IN % OR PPMV WITH THE EMISSIONS RATE IN LBS PER 1000 GALLONS LOADED.
[RULE 462, 40CFR63 SUBPART R]
- 10) 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, 40CFR63, SUBPART R]



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

- 11) THROUGHPUT RECORDS AND OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE MAINTAINED FOR A FIVE YEAR PERIOD AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 462]

- 12) WITHIN 30 DAYS FROM INITIAL START-UP OF THE JOHN ZINK ADSORPTION/ABSORPTION VAPOR RECOVERY UNIT, THE EXISTING TWO VAPOR HOLDING TANKS AND THREE REFRIGERATION CONDENSERS, COVERED UNDER PERMIT NO. F66209 (A/N 419712), SHALL BE TAKEN OUT OF SERVICE.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

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

HAP/TOC: 10 MG/LITER 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)



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

PERMIT TO CONSTRUCT

A/N 472717
Granted 05/07/2008

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 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 KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, OF THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUIDS.
[RULE 463]
- 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]
- 6) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. HYDROCARBON CONCENTRATION MEASUREMENTS DONE IN THE VAPOR SPACE ABOVE THE FLOATING ROOF OF THE TANK.
 - B. COMMODITY STORED AND DATES OF STORAGE.
 - C. TRUE VAPOR PRESSURE, IN PSIA, AT ACTUAL TEMPERATURE, OF EACH COMMODITY STORED.
 - D. SEMI-ANNUAL TANK INSPECTIONS AND OTHER RECORDS THAT ARE REQUIRED TO COMPLY WITH THE APPLICABLE REQUIREMENTS OF RULE 463 & 1178.



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E. RECORDS SHALL BE MAINTAINED AND KEPT ON FILE AND MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.

[RULE 462, RULE 1178]

6) THIS PERMIT SHALL EXPIRE IF CONSTRUCTION OF THE EQUIPMENT IS NOT COMPLETED WITHIN ONE YEAR FROM THE DATE OF ISSUANCE OF THIS PERMIT, UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.

[RULE 205]

Periodic Monitoring: NONE

Emissions and Requirements:

7) 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 CONSTRUCT

A/N 530257
Granted 08/15/2012

Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, MODEL NO. CFP7E-30 OR EQUIVALENT, 6 CYLINDERS, COMPRESSION IGNITION, TURBOCHARGED/AFTERCOOLED, 205 BHP, DIESEL FUELED, DRIVING AN EMERGENCY FIRE WATER PUMP

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. FOR THE LIFE OF THIS ENGINE, THE OPERATOR SHALL OPERATE AND MAINTAIN THIS ENGINE IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS OR PROCEDURES.
[40 CFR 60 SUBPART III]
4. SULFUR CONTENT OF DIESEL FUEL SUPPLIED TO THE ENGINE SHALL NOT EXCEED 15 PARTS PER MILLION (PPM) BY WEIGHT.
[RULE 431.2, RULE 1470, 40 CFR 60 SUBPART III]
5. AN OPERATIONAL, NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME. THE METER SHALL BE READABLE AND ACCURATE TO THE NEAREST TENTH OF AN HOUR.
[RULE 1110.2, RULE 1304 (a)(4) - MODELING AND OFFSET EXEMPTION, 40 CFR 60 SUBPART III, RULE 1470]
6. THIS INTERNAL COMBUSTION ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDE NO MORE THAN 50 HOURS IN ANY ONE YEAR AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING. THE ENGINE SHALL NOT BE OPERATED MORE THAN THE NUMBER OF HOURS NEEDED TO MEET NFPA 25 REQUIREMENTS.
[RULE 1303(a)(1)-BACT, RULE 1470]



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

7. THE OPERATOR SHALL KEEP A LOG OF ENGINE OPERATIONS DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND THE SPECIFIC REASON FOR OPERATION AS:
- A. EMERGENCY USE
 - B. MAINTENANCE AND TESTING
 - C. OTHER SPECIFIC REASONS

IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF ENGINE OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READINGS (IN HOURS AND TENTHS OF HOURS) THE BEGINNING AND END OF EACH OPERATION.

[RULE 1110.2, RULE 1303(a)(1)-BACT, RULE 1304 (a)(4) – MODELING AND OFFSET EXEMPTION, RULE 1470]

8. ON OR BEFORE JANUARY 15 OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE OPERATING LOG:

- A. THE TOTAL HOURS OF ENGINE OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
- B. THE TOTAL HOURS FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR

THE OPERATING LOG SHALL REMAIN ON SITE FOR THE MOST RECENT THREE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 1110.2, RULE 1303(a)(1)-BACT, RULE 1304 (a)(40) – MODELING AND OFFSET EXEMPTION, RULE 1470]

Periodic Monitoring:

NONE

Emissions and Requirements:

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

NOX + ROG:	3.0 GMS/BHP-HR	40 CFR 60 SUBPART IIII, RULE 1303 (a) (1) BACT, RULE 1470
CO	2.6 GMS/BHP-HR	40 CFR 60 SUBPART IIII, RULE 1303 (a) (1) BACT, RULE 1470
PM	0.15 GMS/BHP-HR	40 CFR 60 SUBPART IIII, RULE 1303 (a) (1) BACT, RULE 1470
HAP:		40 CFR 63 SUBPART ZZZZ