

## **FACILITY PERMIT TO OPERATE**

**CONOCOPHILLIPS/COLTON TERMINAL-WEST CO  
2301 S RIVERSIDE AVE  
BLOOMINGTON, CA 92316**

### **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

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

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## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### SECTION A: FACILITY INFORMATION

**LEGAL OWNER &/OR OPERATOR:** CONOCOPHILLIPS/COLTON TERMINAL-WEST  
 CO

**LEGAL OPERATOR (if different than owner):**

**EQUIPMENT LOCATION:** 2301 S RIVERSIDE AVE  
 BLOOMINGTON, CA 92316-2931

**MAILING ADDRESS:** 2301 S RIVERSIDE AVE  
 BLOOMINGTON, CA 92316-2931

**RESPONSIBLE OFFICIAL:** GABE MUNOZ

**TITLE:** DISTRICT DIRECTOR, SO. CALIFORNIA

**TELEPHONE NUMBER:** (562) 290-1528

**CONTACT PERSON:** ROLAND PARKER

**TITLE:** TERMINAL SUPERINTENDENT

**TELEPHONE NUMBER:** (909) 877-6500

**INITIAL TITLE V PERMIT ISSUED:**

**TITLE V PERMIT EXPIRATION DATE:**

TITLE V	RECLAIM
YES	NOx: NO SOx: NO CYCLE: 0 ZONE: INLAND

**FACILITY PERMIT TO OPERATE  
CONOCOPHILLIPS/COLTON TERMINAL-WEST CO  
SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION**

NOT APPLICABLE

**FACILITY PERMIT TO OPERATE  
CONOCOPHILLIPS/COLTON TERMINAL-WEST CO**

**SECTION C: FACILITY PLOT PLAN**

(TO BE DEVELOPED)

**FACILITY PERMIT TO OPERATE  
CONOCOPHILLIPS/COLTON TERMINAL-WEST CO.**

**Facility Description and Equipment Specific Conditions  
(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  
CONOCOPHILLIPS/COLTON TERMINAL-WEST CO.**

**PERMITTED EQUIPMENT LIST**

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

<b>Application Number</b>	<b>Permit to Operate Number</b>	<b>Equipment Description</b>	<b>Page Number</b>
326120	F7322	STORM WATER TREATMENT SYSTEM	4
326129	F7463	STORAGE TANK NO. 3917, DIESEL	5
326133	F7326	PROCESS WATER SYSTEM	6
326134	F7327	STORAGE TANK NO. 3562	7
326137	F7329	STORAGE TANK NO. 3918	8
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391332	F86597	VAPOR RECOVERY SYSTEM	10
454465	F86599	BULK FUEL LOADING RACK NO. 1	14
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464473	F93967	STORAGE TANK NO. 3916	23

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

## **FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO.**

### **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. THIS FACILITY IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

TOC: 40 CFR 63 SUBPART R (Minor Sources)  
HAP/TOC: 40 CFR 63 SUBPART BBBB

**FACILITY PERMIT TO OPERATE  
CONOCOPHILLIPS/COLTON TERMINAL-WEST CO.**

**PERMIT TO OPERATE**

**Permit No. F7322  
A/N 326120**

**Equipment Description:**

STORM WATER TREATMENT SYSTEM CONSISTING OF:

1. OIL WATER SEPARATOR, FIXED ROOF, STORM WATER, 12,000 GALLON CAPACITY.
2. TRANSMIX STORM WATER TANK, 2,000 GALLON CAPACITY.
3. WATER PUMP, 3-H.P.

**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]

**Periodic Monitoring: NONE**

**Emissions and Requirements:**

3. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
VOC: RULE 464  
VOC: RULE 466

**FACILITY PERMIT TO OPERATE  
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**PERMIT TO OPERATE**

**Permit No. F7463  
A/N 326129**

**Equipment Description:**

STORAGE TANK NO. 3917, DIESEL FUEL, 70'-0" DIA. X 44'-0" H., 30,000 BBL CAPACITY, FIXED ROOF.

**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]

**Periodic Monitoring: NONE**

**Emissions and Requirements:**

3. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
VOC: RULE 463  
VOC: RULE 1149

**FACILITY PERMIT TO OPERATE  
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**PERMIT TO OPERATE**

**Permit No. F7326  
A/N 326133**

**Equipment Description:**

PROCESS WATER TREATMENT SYSTEM CONSISTING OF:

1. OIL WATER SEPARATOR, FIXED ROOF, PROCESS WATER, 12,000 GALLON CAPACITY.
2. TRANSMIX TANK, PROCESS WATER, 4,000 GALLON CAPACITY.
3. DISCHARGE WATER PUMP, 3-H.P.
4. RECOVERED OIL PUMP, 3-H.P.

**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]

**Periodic Monitoring: NONE**

**Emissions and Requirements:**

3. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
VOC: RULE 464  
VOC: RULE 466

**FACILITY PERMIT TO OPERATE  
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**PERMIT TO OPERATE**

**Permit No. F7327  
A/N 326134**

**Equipment Description:**

STORAGE TANK NO. 3562, GASOLINE, 48'-0" DIA. X 48'-0" H., 15,000 BBL CAPACITY, WELDED SHELL, DOUBLE DECK EXTERNAL FLOATING ROOF, WITH A METAL SHOE TYPE PRIMARY SEAL AND A RIM MOUNTED 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. THIS TANK SHALL NOT BE USED FOR STORING PETROLEUM LIQUID HAVING A VAPOR PRESSURE OF 11.0 PSIA OR GREATER UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 463]
4. THROUGHPUT TO THIS TANK OF ORGANIC LIQUIDS SHALL NOT EXCEED 365 TURNS PER CALENDAR YEAR. THROUGHPUT RECORDS, IN ADDITION TO THOSE RECORDS REQUIRED BY RULE 463 SHALL BE MAINTAINED FOR A FIVE YEAR PERIOD AND BE AVAILABLE FOR INSPECTION BY AUTHORIZED DISTRICT PERSONNEL.  
[RULE 1303(b)(2)-OFFSETS]

**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 1149

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### PERMIT TO OPERATE

Permit No. F7329  
A/N 326137

#### Equipment Description:

STORAGE TANK NO. 3918, 60'-0" DIA. X 42'-0" H., 20,872 BBL CAPACITY, WELDED SHELL, DOUBLE DECK EXTERNAL FLOATING ROOF, WITH A CATEGORY "A" METAL SHOE TYPE PRIMARY SEAL AND A CATEGORY "B" OR BETTER 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. THIS TANK SHALL NOT BE USED FOR STORING PETROLEUM LIQUID HAVING A VAPOR PRESSURE OF 11.0 PSIA OR GREATER UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 463]
4. THROUGHPUT TO THIS TANK OF ORGANIC LIQUIDS SHALL NOT EXCEED 365 TURNS PER CALENDAR YEAR. THROUGHPUT RECORDS, IN ADDITION TO THOSE RECORDS REQUIRED BY RULE 463 SHALL BE MAINTAINED FOR A FIVE YEAR PERIOD AND BE AVAILABLE FOR INSPECTION BY AUTHORIZED DISTRICT PERSONNEL.  
[RULE 1303(b)(2)- OFFSETS]

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 1149

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO.

### PERMIT TO OPERATE

Permit No. F7330  
A/N 326138

#### Equipment Description:

STORAGE TANK NO. 4367, 85'-0" DIA. X 42'-0" H., 40,000 BBL CAPACITY, INTERNAL FLOATING ROOF WITH A LIQUID MOUNTED CATEGORY "C" OR BETTER PRIMARY SEAL AND A CATEGORY "B" OR BETTER 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 A LOWER EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION. THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF SHALL NOT EXCEED 50% OF THE LOWER EXPLOSIVE LIMIT.  
[RULE 463]

Periodic Monitoring: NONE

#### Emissions and Requirements:

4. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
VOC: RULE 463  
VOC: RULE 1149  
VOC/TOC: 40 CFR 60 SUBPART Ka

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO.

### PERMIT TO OPERATE

Permit No. F86597  
A/N 391332

#### Equipment Description:

VAPOR RECOVERY SYSTEM, JOHN ZINK, MODEL AAT/Z-1218-8-12-8-5-NASH, CONSISTING OF:

1. TWO CARBON ADSORBERS, EACH 9'-0" DIA. X 15'-0" H., OPERATING AT 15 MINUTE CYCLES.
2. ADSORBER, PACKED TOWER, 3'-0" DIA. X 10'-0" H.
3. VESSEL, GLYCOL SEPARATOR, 4'-0" DIA. X 10'-0" H.
4. HEAT EXCHANGER, GLYCOL EXCHANGER/FLUID COOLER
5. BLOWER, VAPOR COLLECTOR, WITH A 10-HP MOTOR (846 ACFM)
6. TWO VACUUM PUMPS, EACH WITH A 75-HP MOTOR
7. PUMP, GLYCOL RECIRCULATION, WITH A 2-HP MOTOR
8. TWO GASOLINE SUPPLY PUMPS, EACH WITH A 25-HP MOTOR (280 GPM CAPACITY)
9. GASOLINE RECIRCULATION PUMP, WITH A 10-H.P. MOTOR.

#### 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. UPON MEASUREMENT OF NMHC CONCENTRATION EXCEEDING THE LIMITS OF EITHER CONDITIONS 7 OR 8, VENTING OF THE VAPORS FROM THE LOADING RACKS TO THE VAPOR RECOVERY UNIT SHALL CEASE FOR A PERIOD EQUAL TO ONE COMPLETE CLEANING CYCLE OF BOTH THE CARBON CANISTERS (I.E. 30 MINUTES ON A 15 MINUTE CYCLE TIME.)  
[RULE 1303(b)(2)-OFFSETS]
4. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES THAT ARE COVERED BY THIS APPLICATION.

ALL NON-BELLOWS SEAL VALVES SHALL BE INSPECTED MONTHLY USING EPA METHOD 21. THE OPERATOR MAY BEGIN QUARTERLY INSPECTIONS, UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHLY INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF NON-BELLOWS SEAL VALVES ARE FOUND TO BE LEAKING ABOVE 500 PPMV.

IN THE EVENT OF A QUARTERLY INSPECTION OF THE AFFECTED POPULATION OF FUGITIVE COMPONENTS IS FOUND TO BE MORE THAN TWO PERCENT LEAKING GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE ABOVE 500 PPMV, THEN SUCH QUARTERLY

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INSPECTIONS SHALL REVERT TO MONTHLY INSPECTIONS UNTIL SUCH TIME THAT IT CAN BE JUSTIFIED FOR QUARTERLY INSPECTIONS AGAIN.

ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORDS.

THE LEAK RATE FROM NON-BELLOWS SEAL VALVES AND OTHER NON-VALVE FUGITIVE COMPONENTS SHALL NOT EXCEED 500 PPMV. A LEAK RATE GREATER THAN 500 PPMV, BUT LESS THAN OR EQUAL TO 1,000 PPMV, SHALL BE REPAIRED WITHIN 14 CALENDAR DAYS AFTER DETECTION OF THE LEAK.

ALL VALVES SHALL BE BELLOW SEAL VALVES, EXCEPT AS APPROVED BY THE DISTRICT, IN THE FOLLOWING APPLICATIONS: HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING, APPLICATIONS REQUIRING TORSIONAL VALVE STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G. DRAIN VALVES WITH VALVE STEM IN HORIZONTAL POSITION), RETROFIT/SPECIAL APPLICATION VALVES WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. ADDITIONAL EXCEPTIONS ARE STATED IN DISTRICT RULE 1173.

THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (AND QUARTERLY, WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IN A MANNER APPROVED BY THE DISTRICT.

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

5. THE OPERATOR SHALL PROVIDE TO THE DISTRICT A SOURCE TEST REPORT IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

SOURCE TESTS RESULTS SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE SOURCE TESTS WAS CONDUCTED.

EMISSION DATA SHALL BE EXPRESSED IN TERMS OF CONCENTRATION (PPMV) ON A DRY BASIS AND A MASS RATE (LBS/HR). IN ADDITION, SOLID PM EMISSIONS, IF REQUIRED TO BE TESTED, SHALL ALSO BE REPORTED IN TERMS OF GRAINS PER DSCF.

SOURCE TEST RESULTS SHALL ALSO INCLUDE THE OPERATING CONDITIONS OF THE BASIC EQUIPMENT UNDER WHICH THE TEST WAS CONDUCTED.

[RULE 204]

### **Periodic Monitoring:**

6. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN COMPLIANCE WITH THE FOLLOWING SPECIFICATIONS:

THE TEST SHALL BE CONDUCTED AT LEAST ANNUALLY

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THE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSION RATE IN POUNDS PER 1,000 GALLONS OF ORGANIC LIQUID LOADED.

THE TEST SHALL BE CONDUCTED TO DEMONSTRATE A 99 PERCENT OVERALL CONTROL EFFICIENCY FOR THE VAPOR RECOVERY SYSTEM.

THE TEST SHALL BE CONDUCTED TO DETERMINE THE BULK LOADING RATE IN GALLONS PER HOUR DURING THE SOURCE TEST.

THE DISTRICT SHALL BE NOTIFIED OF THE DATE AND TIME OF THE TEST AT LEAST 10 DAYS PRIOR TO THE TEST.

[RULE 1303(a)(1)-BACT, 3004(a)(4)-PERIODIC MONITORING]

7. THE NON-METHANE HYDROCARBON (NMHC) EMISSION LEVEL AT THE DISCHARGE OF THE AIR POLLUTION CONTROL DEVICE CONTROLLING THIS EQUIPMENT SHALL NOT EXCEED 1.9 PERCENT BY VOLUME PROPANE ON AN INSTANTANEOUS BASIS.  
[RULE 462, 1303(a)(1)-BACT, 3004(a)(4)- PERIODIC MONITORING]
8. THE NON-METHANE HYDROCARBON (NMHC) EMISSION LEVEL AT THE DISCHARGE OF THE AIR POLLUTION CONTROL DEVICE CONTROLLING THIS EQUIPMENT SHALL NOT EXCEED 0.46 PERCENT BY VOLUME PROPANE ON BASED ON A ROLLING 15 MINUTE AVERAGE.  
[RULE 462, 1303(a)(1)-BACT, 3004(a)(4)- PERIODIC MONITORING]
9. THE OPERATOR SHALL MAINTAIN A TABLE TO CONVERT THE HYDROCARBON MONITORING SYSTEM READINGS IN PERCENT (%) OR VOLUME (PPMV) CONCENTRATION TO POUND NMHC PER 1000 GALLONS GASOLINE LOADED/THROUGHPUT IN THE EQUIPMENT SERVED BY THIS APPLICATION.  
[RULE 462, 1303(a)(1)-BACT, 3004(a)(4)- PERIODIC MONITORING]
10. THE OPERATOR SHALL INSTALL AND MAINTAIN A CONTINUOUS EMISSION MONITORING DEVICE TO ACCURATELY INDICATE THE VOC CONCENTRATION AT THE OUTLET OF THE CARBON ABSORBER IN PERCENT NMHC. THE OPERATOR SHALL CALIBRATE THE EMISSION MONITORING DEVICE IN PERCENT VOLUME AS PROPANE. THE EMISSION MONITORING DEVICE SHALL BE CALIBRATED ONCE EVERY SIX MONTHS.  
[RULE 462, 1303(a)(1)-BACT, 3004(a)(4)- PERIODIC MONITORING]
11. THE CONTINUOUS HYDROCARBON MONITORING SYSTEM INSTALLED FOR THIS AIR POLLUTION CONTROL (APC) SYSTEM SHALL BE PROPERLY MAINTAINED, CALIBRATED AND IN FULL USE WHEN THIS APC SYSTEM IS IN OPERATION.  
[RULE 462, 1303(a)(1)-BACT, 3004(a)(4)- PERIODIC MONITORING]

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO.

### Emissions and Requirements:

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

VOC: 0.08 LBS/1000 GALS ORGANIC LIQUID LOADED, RULE 462  
TOC/VOC: 35 MG/L GASOLINE LOADED, 40 CFR 60 SUBPART XX  
VOC: 99% REDUCTION, RULE 1303(a)(1)-BACT  
VOC: RULE 466

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO.

### PERMIT TO OPERATE

Permit No. F86599  
A/N 454465

#### Equipment Description:

BULK FUEL LOADING RACK NO. 1 CONSISTING OF:

1. TWO 4" DIAMETER MULTI-PRODUCT BOTTOM, TANK TRUCK LOADING ARM
2. TWO 4" DIAMETER DIESEL BOTTOM, TANK TRUCK LOADING ARM
3. TWO PREMIUM UNLEADED GASOLINE CENTRIFUGAL PUMPS, EACH WITH A MECHANICAL SEAL, AND EACH WITH A 25- H.P. MOTOR (COMMON TO LOADING RACK NOS. 1, 2 AND 3)
4. THREE REGULAR UNLEADED GASOLINE CENTRIFUGAL PUMPS, EACH WITH A MECHANICAL SEAL, ONE PUMP WITH A 75- H.P. MOTOR AND TWO PUMPS EACH WITH A 25 H.P. MOTOR (COMMON TO LOADING RACK NOS. 1, 2 AND 3)
5. TWO DIESEL CENTRIFUGAL PUMPS, EACH WITH A MECHANICAL SEAL, AND EACH WITH A 25- H.P. MOTOR (COMMON TO LOADING RACK NOS. 1, 2 AND 3)
6. TWO ETHANOL CENTRIFUGAL PUMPS, EACH WITH A MECHANICAL SEAL, AND EACH WITH A 20- H.P. MOTOR (COMMON TO LOADING RACK NOS. 1, 2 AND 3)
7. TWO ADDITIVE CENTRIFUGAL PUMPS, EACH WITH A MECHANICAL SEAL, AND EACH WITH A 2- H.P. MOTOR (COMMON TO LOADING RACK NOS. 1, 2 AND 3)
8. ONE GASOLINE, ETHANOL AND DIESEL PUMP OFF PUMP, WITH A MECHANICAL SEAL AND A 20- H.P. MOTOR (COMMON TO LOADING RACK NOS. 1, 2 AND 3)
9. TWO VAPOR RETURN LINES, VENTING TO THE 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. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL DEVICE WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A VALID PERMIT BY THE EXECUTIVE OFFICER.  
[RULE 462, 1303(a)(1)-BACT, 1401, 40 CFR 60 SUBPART XX]
4. THE COMBINED LOADING FROM RACK NOS. 1, 2 AND 3 SHALL NOT BE MORE THAN 14,820,000 GALLONS IN ANY ONE CALENDAR MONTH OF ORGANIC LIQUIDS HAVING A VAPOR PRESSURE OF 1.5 PSIA OR GREATER UNDER ACTUAL LOADING CONDITIONS.  
[RULE 1303(b)(2)-OFFSETS]

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5. THE COMBINED LOADING FROM RACK NOS. 1, 2 AND 3 SHALL NOT BE MORE THAN 9,000,000 GALLONS OF DIESEL IN ANY ONE CALENDAR MONTH.  
[RULE 1303(b)(2)-OFFSETS]
6. THE COMBINED LOADING FROM RACK NOS. 1, 2 AND 3 SHALL NOT BE MORE THAN 1,400,000 GALLONS PER DAY OF ALL ORGANIC LIQUIDS.  
[RULE 1303(a)(1)-BACT]
7. THE OPERATOR SHALL USE TOTALIZING FLOW METERS AND SHALL MAINTAIN DAILY RECORDS OF THE QUANTITIES OF MATERIALS LOADED AND ALL RECORDS AS REQUIRED BY RULE 462. THESE RECORDS SHALL BE RETAINED ON FILE FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.  
[RULE 462]

8. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES THAT ARE COVERED BY THIS APPLICATION.

ALL NON-BELLOWS SEAL VALVES SHALL BE INSPECTED MONTHLY USING EPA METHOD 21. THE OPERATOR MAY BEGIN QUARTERLY INSPECTIONS, UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHLY INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF NON-BELLOWS SEAL VALVES ARE FOUND TO BE LEAKING ABOVE 500 PPMV.

IN THE EVENT OF A QUARTERLY INSPECTION OF THE AFFECTED POPULATION OF FUGITIVE COMPONENTS IS FOUND TO BE MORE THAN TWO PERCENT LEAKING GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE ABOVE 500 PPMV, THEN SUCH QUARTERLY INSPECTIONS SHALL REVERT TO MONTHLY INSPECTIONS UNTIL SUCH TIME THAT IT CAN BE JUSTIFIED FOR QUARTERLY INSPECTIONS AGAIN.

ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORDS.

THE LEAK RATE FROM NON-BELLOWS SEAL VALVES AND OTHER NON-VALVE FUGITIVE COMPONENTS SHALL NOT EXCEED 500 PPMV. A LEAK RATE GREATER THAN 500 PPMV, BUT LESS THAN OR EQUAL TO 1,000 PPMV, SHALL BE REPAIRED WITHIN 14 CALENDAR DAYS AFTER DETECTION OF THE LEAK.

ALL VALVES SHALL BE BELLOWS SEAL VALVES, EXCEPT AS APPROVED BY THE DISTRICT, IN THE FOLLOWING APPLICATIONS: HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING, APPLICATIONS REQUIRING TORSIONAL VALVE STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G. DRAIN VALVES WITH VALVE STEM IN HORIZONTAL POSITION), RETROFIT/SPECIAL APPLICATION VALVES WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. ADDITIONAL EXCEPTIONS ARE STATED IN DISTRICT RULE 1173.

THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (AND QUARTERLY, WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IN A MANNER APPROVED BY THE DISTRICT.

**FACILITY PERMIT TO OPERATE  
CONOCOPHILLIPS/COLTON TERMINAL-WEST CO.**

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

**Periodic Monitoring: NONE**

**Emissions and Requirements:**

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

TOC/VOC: 35 MG/L, 40 CFR 60 SUBPART XX  
VOC: 0.08 LBS/1000 GAL, RULE 462  
VOC: RULE 466

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO.

### PERMIT TO OPERATE

Permit No. F86601  
A/N 454467

#### Equipment Description:

BULK FUEL LOADING RACK NO. 2 CONSISTING OF:

1. TWO 4" DIAMETER MULTI-PRODUCT BOTTOM, TANK TRUCK LOADING ARM
2. TWO 4" DIAMETER DIESEL BOTTOM, TANK TRUCK LOADING ARM
3. TWO PREMIUM UNLEADED GASOLINE CENTRIFUGAL PUMPS, EACH WITH A MECHANICAL SEAL, AND EACH WITH A 25- H.P. MOTOR (COMMON TO LOADING RACK NOS. 1, 2 AND 3)
4. THREE REGULAR UNLEADED GASOLINE CENTRIFUGAL PUMPS, EACH WITH A MECHANICAL SEAL, ONE PUMP WITH A 75- H.P. MOTOR AND TWO PUMPS EACH WITH A 25 H.P. MOTOR (COMMON TO LOADING RACK NOS. 1, 2 AND 3)
5. TWO DIESEL CENTRIFUGAL PUMPS, EACH WITH A MECHANICAL SEAL, AND EACH WITH A 25- H.P. MOTOR (COMMON TO LOADING RACK NOS. 1, 2 AND 3)
6. TWO ETHANOL CENTRIFUGAL PUMPS, EACH WITH A MECHANICAL SEAL, AND EACH WITH A 20- H.P. MOTOR (COMMON TO LOADING RACK NOS. 1, 2 AND 3)
7. TWO ADDITIVE CENTRIFUGAL PUMPS, EACH WITH A MECHANICAL SEAL, AND EACH WITH A 2- H.P. MOTOR (COMMON TO LOADING RACK NOS. 1, 2 AND 3)
8. ONE GASOLINE, ETHANOL AND DIESEL PUMP OFF PUMP, WITH A MECHANICAL SEAL AND A 20- H.P. MOTOR (COMMON TO LOADING RACK NOS. 1, 2 AND 3)
9. TWO VAPOR RETURN LINES, VENTING TO THE 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. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL DEVICE WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A VALID PERMIT BY THE EXECUTIVE OFFICER.  
[RULE 462, 1303(a)(1)-BACT, 1401, 40 CFR 60 SUBPART XX]
4. THE COMBINED LOADING FROM RACK NOS. 1, 2 AND 3 SHALL NOT BE MORE THAN 14,820,000 GALLONS IN ANY ONE CALENDAR MONTH OF ORGANIC LIQUIDS HAVING A VAPOR PRESSURE OF 1.5 PSIA OR GREATER UNDER ACTUAL LOADING CONDITIONS.  
[RULE 1303(b)(2)-OFFSETS]

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO.

5. THE COMBINED LOADING FROM RACK NOS. 1, 2 AND 3 SHALL NOT BE MORE THAN 9,000,000 GALLONS OF DIESEL IN ANY ONE CALENDAR MONTH.  
[RULE 1303(b)(2)-OFFSETS]
6. THE COMBINED LOADING FROM RACK NOS. 1, 2 AND 3 SHALL NOT BE MORE THAN 1,400,000 GALLONS PER DAY OF ALL ORGANIC LIQUIDS.  
[RULE 1303(a)(1)-BACT]
7. THE OPERATOR SHALL USE TOTALIZING FLOW METERS AND SHALL MAINTAIN DAILY RECORDS OF THE QUANTITIES OF MATERIALS LOADED AND ALL RECORDS AS REQUIRED BY RULE 462. THESE RECORDS SHALL BE RETAINED ON FILE FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.  
[RULE 462]
8. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES THAT ARE COVERED BY THIS APPLICATION.

ALL NON-BELLOWS SEAL VALVES SHALL BE INSPECTED MONTHLY USING EPA METHOD 21. THE OPERATOR MAY BEGIN QUARTERLY INSPECTIONS, UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHLY INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF NON-BELLOWS SEAL VALVES ARE FOUND TO BE LEAKING ABOVE 500 PPMV.

IN THE EVENT OF A QUARTERLY INSPECTION OF THE AFFECTED POPULATION OF FUGITIVE COMPONENTS IS FOUND TO BE MORE THAN TWO PERCENT LEAKING GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE ABOVE 500 PPMV, THEN SUCH QUARTERLY INSPECTIONS SHALL REVERT TO MONTHLY INSPECTIONS UNTIL SUCH TIME THAT IT CAN BE JUSTIFIED FOR QUARTERLY INSPECTIONS AGAIN.

ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORDS.

THE LEAK RATE FROM NON-BELLOWS SEAL VALVES AND OTHER NON-VALVE FUGITIVE COMPONENTS SHALL NOT EXCEED 500 PPMV. A LEAK RATE GREATER THAN 500 PPMV, BUT LESS THAN OR EQUAL TO 1,000 PPMV, SHALL BE REPAIRED WITHIN 14 CALENDAR DAYS AFTER DETECTION OF THE LEAK.

ALL VALVES SHALL BE BELLOW SEAL VALVES, EXCEPT AS APPROVED BY THE DISTRICT, IN THE FOLLOWING APPLICATIONS: HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING, APPLICATIONS REQUIRING TORSIONAL VALVE STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G. DRAIN VALVES WITH VALVE STEM IN HORIZONTAL POSITION), RETROFIT/SPECIAL APPLICATION VALVES WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. ADDITIONAL EXCEPTIONS ARE STATED IN DISTRICT RULE 1173.

THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (AND QUARTERLY, WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IN A MANNER APPROVED BY THE DISTRICT.

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO.

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

**Periodic Monitoring: NONE**

**Emissions and Requirements:**

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

TOC/VOC: 35 MG/L, 40 CFR 60 SUBPART XX  
VOC: 0.08 LBS/1000 GAL, RULE 462  
VOC: RULE 466

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO.

### PERMIT TO OPERATE

Permit No. F86602  
A/N 454469

#### Equipment Description:

BULK FUEL LOADING RACK NO. 3 CONSISTING OF:

1. TWO 4" DIAMETER MULTI-PRODUCT BOTTOM, TANK TRUCK LOADING ARM
2. TWO 4" DIAMETER DIESEL BOTTOM, TANK TRUCK LOADING ARM
3. TWO PREMIUM UNLEADED GASOLINE CENTRIFUGAL PUMPS, EACH WITH A MECHANICAL SEAL, AND EACH WITH A 25- H.P. MOTOR (COMMON TO LOADING RACK NOS. 1, 2 AND 3)
4. THREE REGULAR UNLEADED GASOLINE CENTRIFUGAL PUMPS, EACH WITH A MECHANICAL SEAL, ONE PUMP WITH A 75- H.P. MOTOR AND TWO PUMPS EACH WITH A 25 H.P. MOTOR (COMMON TO LOADING RACK NOS. 1, 2 AND 3)
5. TWO DIESEL CENTRIFUGAL PUMPS, EACH WITH A MECHANICAL SEAL, AND EACH WITH A 25- H.P. MOTOR (COMMON TO LOADING RACK NOS. 1, 2 AND 3)
6. TWO ETHANOL CENTRIFUGAL PUMPS, EACH WITH A MECHANICAL SEAL, AND EACH WITH A 20- H.P. MOTOR (COMMON TO LOADING RACK NOS. 1, 2 AND 3)
7. TWO ADDITIVE CENTRIFUGAL PUMPS, EACH WITH A MECHANICAL SEAL, AND EACH WITH A 2- H.P. MOTOR (COMMON TO LOADING RACK NOS. 1, 2 AND 3)
8. ONE GASOLINE, ETHANOL AND DIESEL PUMP OFF PUMP, WITH A MECHANICAL SEAL AND A 20- H.P. MOTOR (COMMON TO LOADING RACK NOS. 1, 2 AND 3)
9. TWO VAPOR RETURN LINES, VENTING TO THE 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. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL DEVICE WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A VALID PERMIT BY THE EXECUTIVE OFFICER.  
[RULE 462, 1303(a)(1)-BACT, 1401, 40 CFR 60 SUBPART XX]
4. THE COMBINED LOADING FROM RACK NOS. 1, 2 AND 3 SHALL NOT BE MORE THAN 14,820,000 GALLONS IN ANY ONE CALENDAR MONTH OF ORGANIC LIQUIDS HAVING A VAPOR PRESSURE OF 1.5 PSIA OR GREATER UNDER ACTUAL LOADING CONDITIONS.  
[RULE 1303(b)(2)-OFFSETS]

## **FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO.**

5. THE COMBINED LOADING FROM RACK NOS. 1, 2 AND 3 SHALL NOT BE MORE THAN 9,000,000 GALLONS OF DIESEL IN ANY ONE CALENDAR MONTH.  
[RULE 1303(b)(2)-OFFSETS]
6. THE COMBINED LOADING FROM RACK NOS. 1, 2 AND 3 SHALL NOT BE MORE THAN 1,400,000 GALLONS PER DAY OF ALL ORGANIC LIQUIDS.  
[RULE 1303(a)(1)-BACT]
7. THE OPERATOR SHALL USE TOTALIZING FLOW METERS AND SHALL MAINTAIN DAILY RECORDS OF THE QUANTITIES OF MATERIALS LOADED AND ALL RECORDS AS REQUIRED BY RULE 462. THESE RECORDS SHALL BE RETAINED ON FILE FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.  
[RULE 462]
8. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES THAT ARE COVERED BY THIS APPLICATION.

ALL NON-BELLOWS SEAL VALVES SHALL BE INSPECTED MONTHLY USING EPA METHOD 21. THE OPERATOR MAY BEGIN QUARTERLY INSPECTIONS, UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHLY INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF NON-BELLOWS SEAL VALVES ARE FOUND TO BE LEAKING ABOVE 500 PPMV.

IN THE EVENT OF A QUARTERLY INSPECTION OF THE AFFECTED POPULATION OF FUGITIVE COMPONENTS IS FOUND TO BE MORE THAN TWO PERCENT LEAKING GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE ABOVE 500 PPMV, THEN SUCH QUARTERLY INSPECTIONS SHALL REVERT TO MONTHLY INSPECTIONS UNTIL SUCH TIME THAT IT CAN BE JUSTIFIED FOR QUARTERLY INSPECTIONS AGAIN.

ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORDS.

THE LEAK RATE FROM NON-BELLOWS SEAL VALVES AND OTHER NON-VALVE FUGITIVE COMPONENTS SHALL NOT EXCEED 500 PPMV. A LEAK RATE GREATER THAN 500 PPMV, BUT LESS THAN OR EQUAL TO 1,000 PPMV, SHALL BE REPAIRED WITHIN 14 CALENDAR DAYS AFTER DETECTION OF THE LEAK.

ALL VALVES SHALL BE BELLOWS SEAL VALVES, EXCEPT AS APPROVED BY THE DISTRICT, IN THE FOLLOWING APPLICATIONS: HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING, APPLICATIONS REQUIRING TORSIONAL VALVE STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G. DRAIN VALVES WITH VALVE STEM IN HORIZONTAL POSITION), RETROFIT/SPECIAL APPLICATION VALVES WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. ADDITIONAL EXCEPTIONS ARE STATED IN DISTRICT RULE 1173.

THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (AND QUARTERLY, WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IN A MANNER APPROVED BY THE DISTRICT.

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO.

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

**Periodic Monitoring: NONE**

**Emissions and Requirements:**

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

TOC/VOC:	35 MG/L, 40 CFR 60 SUBPART XX
VOC:	0.08 LBS/1000 GAL, RULE 462
VOC:	RULE 466

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO.

### PERMIT TO OPERATE

Permit No. F93967  
A/N 464473

#### Equipment Description:

STORAGE TANK NO. 3916, 70'-0" DIA. X 42'-0" H., 28,404 BBL CAPACITY, WELDED SHELL, DOUBLE DECK EXTERNAL FLOATING ROOF, WITH A CATEGORY "A" METAL SHOE TYPE PRIMARY SEAL AND A RIM MOUNTED CATEGORY "B" OR BETTER 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. THIS TANK SHALL NOT BE USED FOR STORING PETROLEUM LIQUID HAVING A VAPOR PRESSURE OF 11.0 PSIA OR GREATER UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 463]
4. THROUGHPUT TO THIS TANK OF ORGANIC LIQUIDS SHALL NOT EXCEED 365 TURNS PER CALENDAR YEAR. THROUGHPUT RECORDS, IN ADDITION TO THOSE RECORDS REQUIRED BY RULE 463 SHALL BE MAINTAINED FOR A FIVE YEAR PERIOD AND BE AVAILABLE FOR INSPECTION BY AUTHORIZED DISTRICT PERSONNEL.  
[RULE 1303(b)(2)-OFFSETS]

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 1149

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO.

### 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, 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

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO.

### RULE 219 EQUIPMENT

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, LOW USE OR EMISSIONS.

**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, 1113]

**Periodic Monitoring: NONE**

**Emissions and Requirements:**

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

VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO.**

### **RULE 219 EQUIPMENT**

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, USED FOR THE STORAGE OF UNHEATED ORGANIC MATERIALS.

**Periodic Monitoring: NONE**

**Emissions and Requirements:**

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

VOC: RULE 463

## **FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO.**

### **RULE 219 EQUIPMENT**

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATIONS.

**Periodic Monitoring: NONE**

**Emissions and Requirements:**

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

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO**

### **SECTION E: ADMINISTRATIVE CONDITIONS**

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
  - a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
  - b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
  - c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions 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 and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statues of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]

## **FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO**

### **SECTION E: ADMINISTRATIVE CONDITIONS**

5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation. [204]
6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least five years. [204]
7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]
  - a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134]
  - b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]
  - c. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]
  - d. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compounds which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO<sub>2</sub>) and be averaged over 15 consecutive minutes; [407]
  - e. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO<sub>2</sub>) at standard conditions and averaged over a minimum of 15 consecutive minutes. [409]

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### SECTION E: ADMINISTRATIVE CONDITIONS

- f. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O<sub>2</sub>) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]
8. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]
  - a. Brief description of the equipment tested.
  - b. Brief process description, including maximum and normal operating temperatures, pressures, throughput, etc.
  - c. Operating conditions under which the test will be performed.
  - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts and stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
  - e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.
  - f. Description of calibration and quality assurance procedures.
  - g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (conflict of interest).
9. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD rules or equipment-specific conditions. The report shall contain the following information: [204]
  - a. The results of the source test.

## **FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO**

### **SECTION E: ADMINISTRATIVE CONDITIONS**

- b. Brief description of the equipment tested.
  - c. Operating conditions under which the test was performed.
  - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts and stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
  - e. Field and laboratory data forms, strip charts and analyses.
  - f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.
10. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]
11. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182. [204]

**FACILITY PERMIT TO OPERATE  
CONOCOPHILLIPS/COLTON TERMINAL-WEST CO**

**SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS**

NOT APPLICABLE

**FACILITY PERMIT TO OPERATE  
CONOCOPHILLIPS/COLTON TERMINAL-WEST CO**

**SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR  
RECLAIM SOURCES**

The Facility shall comply with all applicable reporting and recordkeeping requirements in Regulation XX. These requirements may include but are not limited to the following:

**FACILITY PERMIT TO CONSTRUCT  
CONOCOPHILLIPS/COLTON TERMINAL-WEST CO.**

**Facility Equipment and Requirements  
(Section H)**

**NONE**

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules specified below. The operator shall comply with all conditions specified in the approval of these plans .

Documents pertaining to the plan applications listed below are available for public review at AQMD Headquarters. Any changes to plan applications will require permit modification in accordance with Title V permit revision procedures.

#### List of approved plans:

Application	Rule
331743	463
416108	462

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.



# South Coast Air Quality Management District

21865 E. Copley Drive, Diamond Bar, CA 91765-4182 (909) 396-2000

October 26, 1999  
ID No. 800364  
Application No. 331743

Ms. Heather Randol  
Tosco Refining Company  
2301 South Riverside  
Bloomington, CA 92316

Dear Ms. Randol:

Subject: Compliance Plan for Rule 463(e)(1)(A)  
Equipment Location: 2301 S. Riverside, Bloomington, CA 92316

The Rule 463 Compliance and Maintenance Plan you submitted on March 25, 1997 for Tosco Colton Terminal is complete and is approved as submitted.

You are required to comply with all information as submitted with your Compliance Plan application, including the inspection schedule and the list of certified auditors. Changes to this plan that involve modifications or additions to your equipment inventory list require a new application for plan modification to update and reflect your current operations per Rule 463(e). Additionally, any changes to the inspection schedule or the list of certified auditors must be provided to the District in writing.

If you need additional information regarding this approval, please contact Roger Christopher at (909) 396-3041.

Sincerely,

Pang Mueller  
Senior Manager  
Refinery, Energy and RECLAIM Administration  
Engineering and Compliance

CM:RDC:mse

cc: Roger Christopher



# South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • www.aqmd.gov

October 9, 2009

COPY

Mr. James Adams  
ConocoPhillips Company  
2301 S. Riverside Avenue  
Bloomington, CA 92316

**Re: Re-issuance of Rule 462 Compliance Plan**

Application Number: 416108  
Plan Owner/Operator: ConocoPhillips Company  
Facility ID: 800364  
Site Address: 2301 S. Riverside Avenue, Bloomington, CA 92316.

Dear Mr. Adams:

Reference is made to your application (A/N 416108) for a Continuous Monitoring System (CMS) Compliance Plan for the facility located at 2301 S. Riverside Avenue, Bloomington, CA 92316. The compliance plan is approved for re-issuance and is subject to the requirements shown below. The attached plan supersedes the one issued to this facility on November 23, 2004.

The revised plan does not state Nonmethane Hydrocarbon (NMHC) concentration limits at the Vapor Recovery Unit (VRU) exhaust, which are applied under District Rule 462 or other regulations. Permit conditions have been added to the Title V permit, addressing these limitations.

### **Continuous Monitoring System (CMS) Equipment**

CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS) CONSISTING OF A SUMMIT, MODEL IR 7761, GAS ANALYZER AND A YOKAGAWA DAQSTATION, MODEL DX106, RECORDER SERVING A JOHN ZINK CARBON ADSORPTION SYSTEM

**Conditions:**

- 1) The operator shall conduct the operation of this CMS in compliance with all data and specifications submitted with the plan application under which this approval is granted, unless otherwise noted below.
- 2) The CMS shall sample and analyze gas from the outlet of the carbon canisters to accurately measure the Nonmethane Hydrocarbon (NMHC) concentration at the exhaust of vapor recovery unit.
- 3) The CMS shall provide and the data recorder shall retain the instantaneous NMHC concentration and a continuous 15-minute average NMHC concentration, measured at the exhaust of the vapor recovery unit.
- 4) The operator shall maintain a display of the NMHC concentrations in a location accessible to district personnel.
- 5) Daily calibration error tests shall be performed on the CMS at the low (0-20 percent) and high (80-100 percent) ranges of concentration. The calibration error shall not exceed 2.5 percent of the full scale range.
- 6) Testing of the CMS for Relative Accuracy (RA) and calibration drift, as described in 40 CFR 60 Appendix B, shall be conducted in conjunction with the vapor recovery system performance testing required by the permit for the vapor recovery system.
- 7) The operator shall ensure that the CMS is properly maintained and kept in good operating condition at all times and that it meets any applicable requirements of 40 CFR 63.427 and 40 CFR 60 Appendix B. The applicability of 40 CFR 63.427 is pursuant to AQMD Rule 462(f)(2) and does not necessarily imply that the facility is a major source of Hazardous Air Pollutants (HAP)s.
- 8) The operator shall maintain the recording device in proper operation at all times such that it is accurately synchronized with the correct time of day.
- 9) The recording device shall archive data in a secure encrypted format to nonvolatile data storage. Data shall be recorded at a frequency of not less than once per minute. The recorder/software shall be capable of displaying and printing out plots of the NMHC concentration within 3 hours of a request. Where external storage media is used, it shall be replaced at a sufficient frequency to ensure that the amount of stored data is at no more than 90% of the storage capacity of the media.
- 10) The operator shall notify the executive officer, within 24 hours, in the event of a CMS or recorder failure or shutdown for repair, which exceeds one hour. The notification shall include the cause and time of the failure, the time the recorder returned to operation, maintenance or corrective work performed and actions taken to prevent

such failures in the future. The CMS or recorder shall be restored to normal operation within 96 hours of the failure.

- 11) The operator shall keep records on site to show compliance with conditions nos. 3, 5, 6, and 10 above. Such records shall be kept for at least five years and made available to district personnel upon request.

Please contact Mr. Rafik Beshai at (909) 396-3611, or send email to [rbeshai@aqmd.gov](mailto:rbeshai@aqmd.gov) if you have any questions.

Sincerely yours,



Jay Chen, P.E.  
Senior AQ Engineering Manager  
Refinery & Waste Management  
Permitting

cc: Compliance  
A/N 416108

# **FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO**

## **SECTION J: AIR TOXICS**

**[40CFR 63 Subpart R, #2 (Minor Sources) 12-19-2003]**

### **GASOLINE DISTRIBUTION FACILITIES (BULK GASOLINE TERMINALS AND PIPELINE BREAKOUT STATIONS), MINOR SOURCES**

1. The operator shall comply with the applicable recordkeeping, reporting and other requirements required to demonstrate that this facility is not subject to Subpart R, as required by 40 CFR, Subpart A, Section 63.10(b)(3), and Section 63.420 of Subpart R.
2. The operator shall submit all required reports, notifications, plans, submittals and other communications required by Subpart R or Subpart A to the AQMD and, unless notified to the contrary by AQMD or US EPA, to US EPA Region IX (see addresses in Sections E and K of this permit.)

## **FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO**

### **SECTION J: AIR TOXICS [40CFR 63 Subpart BBBBBB 01-10-2008]**

#### **National Emission Standards for Hazardous Air Pollutants: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities.**

The owner/operator of a bulk gasoline terminal, pipeline breakout station, pipeline pumping station, and bulk gasoline plant, shall comply with the applicable requirements of 40CFR 63 Subpart BBBBBB, including but not limited to the following:

1. Gasoline storage tanks and gasoline loading racks shall comply with the applicably testing and monitoring requirements specified in §63.11092, submit applicable notifications as required under §63.11093, and shall keep records and submit reports as specified in §63.11094 and §63.11095.
2. The owner/operator shall, for all equipment in gasoline service as defined in §63.11100, perform monthly leak inspections as specified in §63.11086.

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### SECTION K: TITLE V Administration

#### **GENERAL PROVISIONS**

1. This permit may be revised, revoked, reopened and reissued, or terminated for cause, or for failure to comply with regulatory requirements, permit terms, or conditions. [3004(a)(7)(C)]
2. This permit does not convey any property rights of any sort or any exclusive privilege. [3004(a)(7)(E)]

#### **Permit Renewal and Expiration**

3. (A) Except for solid waste incineration facilities subject to standards under section 129(e) of the Clean Air Act, this permit shall expire five years from the date that this Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2), 3004(f)]  
  
(B) A Title V permit for a solid waste incineration facility combusting municipal waste subject to standards under Section 129(e) of the Clean Air Act shall expire 12 years from the date of issuance unless such permit has been renewed pursuant to this regulation. These permits shall be reviewed by the Executive Officer at least every five years from the date of issuance. [3004(f)(2)]
4. To renew this permit, the operator shall submit to the Executive Officer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

#### **Duty to Provide Information**

5. The applicant for, or holder of, a Title V permit shall furnish, pursuant to Rule 3002(d) and (e), timely information and records to the Executive Officer or designee within a reasonable time as specified in writing by the Executive Officer or designee. [3004(a)(7)(F)]

#### **Payment of Fees**

6. The operator shall pay all required fees specified in Regulation III - Fees. [3004(a)(7)(G)]

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### SECTION K: TITLE V Administration

#### Reopening for Cause

7. The Executive Officer will reopen and revise this permit if any of the following circumstances occur:
- (A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the effective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) of Rule 3004.
  - (B) The Executive Officer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
  - (C) The Executive Officer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [3005(g)(1)]

#### **COMPLIANCE PROVISIONS**

8. The operator shall comply with all regulatory requirements, and all permit terms and conditions, except:
- (A) As provided for by the emergency provisions of condition no. 17 or condition no. 18, or
  - (B) As provided by an alternative operating condition granted pursuant to a federally approved (SIP-approved) Rule 518.2.

Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### SECTION K: TITLE V Administration

9. The operator shall allow the Executive Officer or authorized representative, upon presentation of appropriate credentials to:
  - (A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;
  - (B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
  - (C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
  - (D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]
  
10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate offense. [3004(g)]
  
11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise affect the remaining portions of this permit. [3007(b)]
  
12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay any permit condition. [3004(a)(7)(D)]
  
13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### SECTION K: TITLE V Administration

14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]
15. Nothing in this permit or in any permit shield can alter or affect:
- (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;
  - (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;
  - (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;
  - (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;
  - (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and
  - (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]
16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]

## **FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO**

### **SECTION K: TITLE V Administration EMERGENCY PROVISIONS**

17. An emergency<sup>1</sup> constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limit only if:
- (A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:
    - (1) An emergency occurred and the operator can identify the cause(s) of the emergency;
    - (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;
    - (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,
    - (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and
  - (B) The operator complies with the breakdown provisions of Rule 430 – Breakdown Provisions, or subdivision (i) of Rule 2004 – Requirements, whichever is applicable. [3002(g), 430, 2004(i)]
18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

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<sup>1</sup> "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

## **FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO**

### **SECTION K: TITLE V Administration RECORDKEEPING PROVISIONS**

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:

- (A) The date, place as defined in the Title V permit, and time of sampling or measurements;
- (B) The date(s) analyses were performed;
- (C) The company or entity that performed the analyses;
- (D) The analytical techniques or methods used;
- (E) The results of such analyses; and
- (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]

20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]

21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

### **REPORTING PROVISIONS**

22. The operator shall comply with the following requirements for prompt reporting of deviations:

- (A) Breakdowns shall be reported as required by Rule 430 – Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### SECTION K: TITLE V Administration

- (B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.
  - (C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.
  - (D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]
23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]
24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:
- (A) Identification of each permit term or condition that is the basis of the certification;

## **FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO**

### **SECTION K: TITLE V Administration**

- (B) The compliance status during the reporting period;
- (C) Whether compliance was continuous or intermittent;
- (D) The method(s) used to determine compliance over the reporting period and currently, and
- (E) Any other facts specifically required by the Executive Officer to determine compliance.

The EPA copy of the certification shall be sent to: Director of the Air Division Attn:  
Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]

25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]

### **PERIODIC MONITORING**

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the TitleV application file. [3004(a)(4)]

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### SECTION K: TITLE V Administration

#### *FACILITY RULES*

*This facility is subject to the following rules and regulations*

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 1107	11-9-2001	Federally enforceable
RULE 1113	11-8-1996	Federally enforceable
RULE 1113	12-5-2003	Non federally enforceable
RULE 1149	7-14-1995	Federally enforceable
RULE 1171	11-7-2003	Federally enforceable
RULE 118	12-7-1995	Non federally enforceable
RULE 1303(a)(1)-BACT	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(2)-Offset	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1402	3-4-2005	Non federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 217	1-5-1990	Federally enforceable
RULE 219	7-11-2003	Non federally enforceable
RULE 219	9-4-1981	Federally enforceable
RULE 3002	11-14-1997	Federally enforceable
RULE 3003	11-14-1997	Federally enforceable
RULE 3003	3-16-2001	Non federally enforceable
RULE 3004	12-12-1997	Federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 3005	11-14-1997	Federally enforceable

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### SECTION K: TITLE V Administration

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 3005	3-16-2001	Non federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 301	5-6-2011	Non federally enforceable
RULE 304	6-6-2003	Non federally enforceable
RULE 401	11-9-2001	Non federally enforceable
RULE 402	5-7-1976	Non federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 462	5-14-1999	Federally enforceable
RULE 463	3-11-1994	Federally enforceable
RULE 464	12-7-1990	Federally enforceable
RULE 466	10-7-1983	Federally enforceable
RULE 466.1	3-16-1984	Non federally enforceable
RULE 466.1	5-2-1980	Federally enforceable
RULE 467	3-5-1982	Federally enforceable
RULE 701	6-13-1997	Federally enforceable
40CFR 60 Subpart Ka	5-5-1989	Federally enforceable
40CFR 60 Subpart XX	12-19-2003	Federally enforceable
40CFR 63 Subpart BBBBBB	1-10-2008	Federally enforceable
40CFR 63 Subpart R, #2 (Minor Sources)	12-19-2003	Federally enforceable

**FACILITY PERMIT TO OPERATE  
CONOCOPHILLIPS/COLTON TERMINAL-WEST CO**

**APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN  
PERMIT PURSUANT TO RULE 219**

NONE

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### APPENDIX B: RULE EMISSION LIMITS [RULE 1107 11-09-2001]

Except as otherwise provided in Rule 1107

(1) VOC Content of Coatings

A person shall not apply to metal parts and products subject to the provisions of this rule any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below:

VOC LIMITS								
Less Water and Less Exempt Compounds								
Effective Dates								
Coating	Air-Dried				Baked			
	gm/l		lb/gal		gm/l		lb/gal	
	Current	7/1/07	Current	7/1/07	Current	7/1/07	Current	7/1/07
General One-Component	275	275	2.3	2.3	275	275	2.3	2.3
General Multi-Component	340	340	2.8	2.8	275	275	2.3	2.3
Military Specification	340	340	2.8	2.8	275	275	2.3	2.3
Etching Filler	420	420	3.5	3.5	420	420	3.5	3.5
Solar-Absorbent	420	420	3.5	3.5	360	360	3.0	3.0
Heat-Resistant	420	420	3.5	3.5	360	360	3.0	3.0
Extreme High-Gloss	420	340	3.5	2.8	360	360	3.0	3.0
Metallic	420	420	3.5	3.5	420	420	3.5	3.5

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### APPENDIX B: RULE EMISSION LIMITS [RULE 1107 11-09-2001]

Except as otherwise provided in Rule 1107

(1) VOC Content of Coatings

A person shall not apply to metal parts and products subject to the provisions of this rule any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below:

<b>VOC LIMITS</b>								
<b>Less Water and Less Exempt Compounds</b>								
<b>Effective Dates</b>								
<b>Coating</b>	<b>Air-Dried</b>				<b>Baked</b>			
	<b>gm/l</b>		<b>lb/gal</b>		<b>gm/l</b>		<b>lb/gal</b>	
	<b>Current</b>	<b>7/1/07</b>	<b>Current</b>	<b>7/1/07</b>	<b>Current</b>	<b>7/1/07</b>	<b>Current</b>	<b>7/1/07</b>
General One-Component	275	275	2.3	2.3	275	275	2.3	2.3
General Multi-Component	340	340	2.8	2.8	275	275	2.3	2.3
Military Specification	340	340	2.8	2.8	275	275	2.3	2.3
Etching Filler	420	420	3.5	3.5	420	420	3.5	3.5
Solar-Absorbent	420	420	3.5	3.5	360	360	3.0	3.0
Heat-Resistant	420	420	3.5	3.5	360	360	3.0	3.0
Extreme High-Gloss	420	340	3.5	2.8	360	360	3.0	3.0
Metallic	420	420	3.5	3.5	420	420	3.5	3.5

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### APPENDIX B: RULE EMISSION LIMITS [RULE 1107 11-09-2001]

<b>VOC LIMITS</b>								
<b>Less Water and Less Exempt Compounds</b>								
<b>Effective Dates, cont.</b>								
<b>Coating</b>	<b>Air-Dried</b>				<b>Baked</b>			
	<b>gm/l</b>		<b>lb/gal</b>		<b>gm/l</b>		<b>lb/gal</b>	
	<b>Current</b>	<b>7/1/07</b>	<b>Current</b>	<b>7/1/07</b>	<b>Current</b>	<b>7/1/07</b>	<b>Current</b>	<b>7/1/07</b>
Extreme Performance	420	420	3.5	3.5	360	360	3.0	3.0
Prefabricated Architectural One-Component	420	275	3.5	2.3	275	275	2.3	2.3
Prefabricated Architectural Multi-Component	420	340	3.5	2.8	275	275	2.3	2.3
Touch Up	420	420	3.5	3.5	360	360	3.0	3.0
Repair	420	420	3.5	3.5	360	360	3.0	3.0
Silicone Release	420	420	3.5	3.5	420	420	3.5	3.5
High-Performance Architectural	420	420	3.5	3.5	420	420	3.5	3.5
Camouflage	420	420	3.5	3.5	420	420	3.5	3.5
Vacuum-Metalizing	420	420	3.5	3.5	420	420	3.5	3.5
Mold-Seal	420	420	3.5	3.5	420	420	3.5	3.5
High-Temperature	420	420	3.5	3.5	420	420	3.5	3.5
Electric-Insulating Varnish	420	420	3.5	3.5	420	420	3.5	3.5
Pan Backing	420	420	3.5	3.5	420	420	3.5	3.5
Pretreatment Coatings	420	420	3.5	3.5	420	420	3.5	3.5

- (2) A person shall not use VOC-containing materials which have a VOC content of more than 200 grams per liter of material for stripping any coating governed by this rule.

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### APPENDIX B: RULE EMISSION LIMITS [RULE 1113 11-08-1996]

- (1) Except as provided in paragraphs (c)(2), (c)(3), and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, or solicit the application of, any architectural coating which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, or manufacture, blend, or repackage such a coating for use within the District.
- (2) Except as provided in paragraphs (c)(3) and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, solicit the application of, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified.

### TABLE OF STANDARDS

#### VOC LIMITS

#### Grams of VOC Per Liter of Coating, Less Water And Less Exempt Compounds

COATING	Limit*	Effective Date of Adoption	Effective 1/1/1998	Effective 1/1/1999	Effective 7/1/2001	Effective 1/1/2005	Effective 7/1/2008
Bond Breakers	350						
Clear Wood Finishes							
Varnish	350						
Sanding Sealers	350						
Lacquer	680		550			275	
Concrete-Curing Compounds	350						
Dry-Fog Coatings	400						
Fire-proofing Exterior Coatings	350	450		350			
Fire-Retardant Coatings							
Clear	650						
Pigmented	350						
Flats	250				100		50
Graphic Arts (Sign) Coatings	500						

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### APPENDIX B: RULE EMISSION LIMITS [RULE 1113 11-08-1996]

Industrial Maintenance						
Primers and Topcoats						
Alkyds	420					
Catalyzed Epoxy	420					
Bituminous Coatings	420					
Materials						
Inorganic Polymers	420					
Vinyl Chloride Polymers	420					
Chlorinated Rubber	420					
Acrylic Polymers	420					
Urethane Polymers	420					
Silicones	420					
Unique Vehicles	420					
Japans/Faux Finishing	350	700		350		
Coatings						
Magnesite Cement Coatings	600			450		
Mastic Coatings	300					
Metallic Pigmented Coatings	500					
Multi-Color Coatings	420		250			
Pigmented Lacquer	680		550		275	
Pre-Treatment Wash Primers	780					
Primers, Sealers, and	350					
Undercoaters						
Quick-Dry Enamels	400					
Roof Coatings	300					
Shellac						
Clear	730					
Pigmented	550					
Stains	350					
Swimming Pool Coatings						
Repair	650					
Other	340					
Traffic Coatings	250		150			
Waterproofing Sealers	400					
Wood Preservatives						
Below-Ground	350					
Other	350					

\* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards

### TABLE OF STANDARDS (cont.)

#### VOC LIMITS

#### Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

## **FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO**

### **APPENDIX B: RULE EMISSION LIMITS [RULE 1113 12-05-2003]**

- (1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.
- (2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings for residential use or for use in areas such as office space and meeting rooms of industrial, commercial or institutional facilities not exposed to such extreme environmental conditions described in the definition of industrial maintenance coatings; or of any rust-preventative coating for industrial use, unless such a rust preventative coating complies with the Industrial Maintenance Coating VOC limit specified in the Table of Standards.

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### APPENDIX B: RULE EMISSION LIMITS [RULE 1113 12-05-2003]

#### TABLE OF STANDARDS VOC LIMITS

**Grams of VOC Per Liter of Coating,  
 Less Water and Less Exempt Compounds**

COATING	Limit*	Effective Date								
		1/1/98	1/1/99	7/1/01	1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Bond Breakers	350									
Clear Wood Finishes										
Varnish	350							275		
Sanding Sealers	350							275		
Lacquer	680	550					275			
Clear Brushing Lacquer	680						275			
Concrete-Curing Compounds	350									
Dry-Fog Coatings	400									
Fire-Proofing Exterior Coatings	450		350							
Fire-Retardant Coatings										
Clear	650									
Pigmented	350									
Flats	250			100						50
Floor Coatings	420				100			50		
Graphic Arts (Sign) Coatings	500									
Industrial Maintenance (IM) Coatings	420					250		100		
High Temperature IM Coatings**					420					
Zinc-Rich IM Primers	420				340			100		
Japans/Faux Finishing Coatings	700		350							
Magnesite Cement Coatings	600		450							
Mastic Coatings	300									
Metallic Pigmented Coatings	500									
Multi-Color Coatings	420	250								
Non-Flat Coatings	250				150			50		
Pigmented Lacquer	680	550					275			

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### APPENDIX B: RULE EMISSION LIMITS [RULE 1113 12-05-2003]

COATING	Limit*	Effective Date								
		1/1/98	1/1/99	7/1/01	1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Pre-Treatment Wash Primers	780				420					
Primers, Sealers, and Undercoaters	350				200			100		
Quick-Dry Enamels	400				250			50		
Quick-Dry Primers, Sealers, and Undercoaters	350				200			100		
Recycled Coatings					250					
Roof Coatings	300				250		50			
Roof Coatings, Aluminum	500						100			
Roof Primers, Bituminous	350				350					
Rust Preventative Coatings	420				400			100		
Shellac										
Clear	730									
Pigmented	550									
Specialty Primers	350							100		
Stains	350				250				100	
Stains, Interior	250									
Swimming Pool Coatings										
Repair	650				340					
Other	340									
Traffic Coatings	250	150								
Waterproofing Sealers	400				250			100		
Waterproofing Concrete/Masonry Sealers	400							100		
Wood Preservatives										
Below-Ground	350									
Other	350									

\* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards

\*\* The National VOC Standard at 650 g/l is applicable until 1/1/2003

# FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

## APPENDIX B: RULE EMISSION LIMITS [RULE 1113 12-05-2003]

### TABLE OF STANDARDS (cont.) VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### APPENDIX B: RULE EMISSION LIMITS [RULE 1171 11-07-2003]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	500 (4.2)
(iii) Medical Devices & Pharmaceuticals	800 (6.7)
(B) Repair and Maintenance Cleaning	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### APPENDIX B: RULE EMISSION LIMITS [RULE 1171 11-07-2003]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(iii) Medical Devices & Pharmaceuticals	
(A) Tools, Equipment, & Machinery	800 (6.7)
(B) General Work Surfaces	600 (5.0)
(C) Cleaning of Coatings or Adhesives Application Equipment	550 (4.6)
(D) Cleaning of Ink Application Equipment	
(i) General	25 (0.21)
(ii) Flexographic Printing	25 (0.21)
(iii) Gravure Printing	
(A) Publication	750 (6.3)
(B) Packaging	25 (0.21)
(iv) Lithographic or Letter Press Printing	

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### APPENDIX B: RULE EMISSION LIMITS [RULE 1171 11-07-2003]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(A) Roller Wash – Step 1	600 (5.0)
(B) Roller Wash-Step 2, Blanket Wash, & On-Press Components	800 (6.7)
(C) Removable Press Components	25 (0.21)
(v) Screen Printing	750 (6.3)
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	800 (6.7)
(vii) Specialty Flexographic Printing	600 (5.0)
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### APPENDIX B: RULE EMISSION LIMITS [RULE 1171 08-02-2002]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS*	Effective 1/1/2003	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application			
(i) General	50 (0.42)	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	500 (4.2)		100 (0.83)
(iii) Medical Devices & Pharmaceuticals	800 (6.7)		
(B) Repair and Maintenance Cleaning			
(i) General	50 (0.42)	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)		100 (0.83)
(iii) Medical Devices & Pharmaceuticals			
(A) Tools, Equipment, & Machinery	800 (6.7)		
(B) General Work Surfaces	600 (5.0)		
(C) Cleaning of Coatings, or Adhesives Application Equipment	550 (4.6)		25 (0.21)
(D) Cleaning of Ink Application Equipment			
(i) General	50 (0.42)	25 (0.21)	

## FACILITY PERMIT TO OPERATE CONOCOPHILLIPS/COLTON TERMINAL-WEST CO

### APPENDIX B: RULE EMISSION LIMITS [RULE 1171 08-02-2002]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS*	Effective 1/1/2003	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(ii) Flexographic Printing	50 (0.42)	25 (0.21)	
(iii) Gravure Printing			
(A) Publication	750 (6.3)		100 (0.83)
(B) Packaging	50 (0.42)	25 (0.21)	
(iv) Lithographic or Letter Press Printing			
(A) Roller Wash – Step 1	600 (5.0)		100 (0.83)
(B) Roller Wash-Step 2, Blanket Wash, & On-Press Components	800 (6.7)		100 (0.83)
(C) Removable Press Components	50 (0.42)	25 (0.21)	
(v) Screen Printing	750 (6.3)		100 (0.83)
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	800 (6.7)		100 (0.83)
(vii) Specialty Flexographic Printing	600 (5.0)		100 (0.83)
(E) Cleaning of Polyester Resin Application Equipment	50 (0.42)	25 (0.21)	

\* The specified limits remain in effect unless revised limits are listed in subsequent columns.