

FACILITY PERMIT TO OPERATE

**CHEMOIL TERMINALS CORP, CARSON TERMINAL
2365 E SEPULVEDA BLVD
CARSON, CA 90810**

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 CHEMOIL TERMINALS CORP, CARSON TERMINAL

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**FACILITY PERMIT TO OPERATE
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SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: CHEMOIL TERMINALS CORP, CARSON TERMINAL

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 2365 E SEPULVEDA BLVD
 CARSON, CA 90810-1944

MAILING ADDRESS: 2365 E SEPULVEDA BLVD
 CARSON, CA 90810-1944

RESPONSIBLE OFFICIAL: JAMES HOSLER

TITLE: TERMINAL MANAGER

TELEPHONE NUMBER: (562) 485-4211

CONTACT PERSON: SAMPSON TANG

TITLE: EHS & COMPLIANCE ENGINEER

TELEPHONE NUMBER: (562) 485-4214

INITIAL TITLE V PERMIT ISSUED: January 25, 2010

TITLE V PERMIT EXPIRATION DATE: January 24, 2015

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

**FACILITY PERMIT TO OPERATE
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SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION**

NOT APPLICABLE

**FACILITY PERMIT TO OPERATE
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SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

Facility Equipment and Requirements (Section D)

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

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PERMITTED EQUIPMENT LIST

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

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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
CHEMOIL TERMINALS CORP, CARSON TERMINAL**

FACILITY WIDE CONDITION(S)

Condition(s):

1. EXCEPT FOR OPEN ABRASIVE BLASTING OPERATIONS, THE OPERATOR SHALL NOT DISCHARGE INTO THE ATMOSPHERE FROM ANY SINGLE SOURCE OF EMISSIONS WHATSOEVER ANY AIR CONTAMINANT FOR A PERIOD OR PERIODS AGGREGATING MORE THAN THREE MINUTES IN ANY ONE HOUR WHICH IS:
 - A. AS DARK OR DARKER IN SHADE AS THAT DESIGNATED NO. 1 ON THE RINGELMANN 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. MATERIAL SAFETY DATA SHEETS FOR ALL COATINGS AND SOLVENTS USED AT THIS FACILITY SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 109, 1303(b)(2)-OFFSET]
3. THIS FACILITY IS SUBJECT TO THE MINOR SOURCE REQUIREMENTS OF 40CFR 63 SUBPART R.
[40 CFR 63 SUBPART R]
4. THE FACILITY SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF 40 CFR 63 SUBPART BBBBBB.
[40 CFR 63 SUBPART BBBBBB]
5. THE FACILITY SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF RULE 466 AND RULE 466.1.
[RULE 466, RULE 466.1]

**FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

**Permit No. G36964
A/N 570301**

Equipment Description:

FUEL OIL UNLOADING FACILITY CONSISTING OF:

1. TANK-TRUCK UNLOADING SPOTS NO. 1 AND NO. 2, EACH WITH TWO 4" UNLOADING CONNECTIONS AND AN UNLOADING PUMP, POSITIVE DISPLACEMENT WITH MECHANICAL SEAL AND 20 HP 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. THIS EQUIPMENT SHALL ONLY BE USED TO UNLOAD RESIDUAL FUEL OIL.
[RULE 1303(b)(2) – OFFSET, 1313(g) – EMISSION LIMITATION]

Periodic Monitoring: NONE

Emissions and Requirements: NONE

**FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

**Permit No. G36965
A/N 570302**

Equipment Description:

TANK TRUCK, FUEL OIL LOADING AND UNLOADING SPOT NO. 4, ONE POSITION, CONSISTING OF:

1. TWO 4" LOADING ARMS EQUIPPED WITH 4" EXTENSIONS FOR SUBMERGED FILL.
2. LOADING PUMP, 20 HP, IN-LINE, WITH MECHANICAL SEAL
3. TWO 4" DIA. UNLOADING CONNECTIONS.
4. UNLOADING PUMP, 20 HP, POSITIVE DISPLACEMENT, WITH MECHANICAL SEAL
5. METER

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL BE USED FOR LOADING FUEL OIL ONLY.
[RULE 1303(b)(2) - OFFSET, 1313(g) - EMISSION LIMITATION]
4. THE MAXIMUM QUANTITY OF FUEL OIL LOADED AT THIS FACILITY SHALL NOT EXCEED 8,400 BARRELS IN ANY ONE DAY.
[RULE 1303(b)(2) - OFFSET, 1313(g) - EMISSION LIMITATION]

Periodic Monitoring: NONE

Emissions and Requirements: NONE

**FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

**Permit No. G36966
A/N 570303**

Equipment Description:

TANK TRUCK, FUEL OIL LOADING AND UNLOADING SPOT NO. 5, ONE POSITION, CONSISTING OF:

1. TWO 4" LOADING ARMS EQUIPPED WITH 4" EXTENSIONS FOR SUBMERGED FILL.
2. LOADING PUMP, 20 HP, IN-LINE, WITH MECHANICAL SEAL
3. TWO 4" DIA. UNLOADING CONNECTIONS.
4. UNLOADING PUMP, 20 HP, POSITIVE DISPLACEMENT, WITH MECHANICAL SEAL.
5. METER (IN COMMON WITH SPOT NO. 4)

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL BE USED ONLY FOR LOADING FUEL OIL.
[RULE 1303(b)(2) - OFFSET, 1313(g) – EMISSION LIMITATION]
4. THE MAXIMUM QUANTITY OF FUEL OIL LOADED AT THIS FACILITY SHALL NOT EXCEED 8,400 BARRELS IN ANY ONE DAY.
[RULE 1303(b)(2) - OFFSET, 1313(g) – EMISSION LIMITATION]

Periodic Monitoring: NONE

Emissions and Requirements: NONE

**FACILITY PERMIT TO OPERATE
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**Permit No. G36967
A/N 570304**

Equipment Description:

BULK ORGANIC LIQUIDS UNLOADING FACILITY (EAST/WEST RACK) CONSISTING OF:

1. FOUR 4" UNLOADING CONNECTIONS (TWO PER POSITION)
2. FOUR 2" UNLOADING CONNECTIONS (TWO PER POSITION)
3. UNLOADING PUMPS, EACH VANE TYPE, WITH MECHANICAL SEAL AND 15 HP MOTOR (ONE PER POSITION)

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]

Periodic Monitoring: NONE

Emissions and Requirements: NONE

**FACILITY PERMIT TO OPERATE
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**Permit No. G36968
A/N 570305**

Equipment Description:

TANK TRUCK BULK ORGANIC LIQUIDS UNLOADING STATION NO. 6, CONSISTING OF:

1. ONE POSITION UNLOADING RACK WITH A 4" FLEXIBLE HOSE AND 4" CONNECTION)
2. UNLOADING PUMP, CENTRIFUGAL WITH MECHANICAL SEAL, AND A 15 HP MOTOR

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 THROUGHPUT ON THIS UNLOADING RACK SHALL NOT EXCEED 20,000 GALLONS PER DAY.
[RULE 1303(b)(2) - OFFSET, 1313(g) - EMISSION LIMITATION]

Periodic Monitoring: NONE

Emissions and Requirements: NONE

**FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

**Permit No. G36969
A/N 570306**

Equipment Description:

STORAGE TANK NO. 217,001, CAPACITY 217,000 BARRELS, 180'-0" DIA. X 48'-0" H., WELDED SHELL, DOUBLE DECK EXTERNAL FLOATING ROOF, WITH A SHOE TYPE PRIMARY SEAL AND AN RFI "WEATHER GUARD" 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. THIS TANK SHALL NOT BE USED FOR STORING PURE ORGANIC COMPOUNDS.
[RULE 204]
4. THE OPERATOR SHALL PROVIDE PROCEDURES FOR REMOVAL OF ANY FLOATING ROOF TANK FROM SERVICE THAT HAS STORED ANY CRUDE OIL CONTAINING MORE THAN 200 PPM BY WEIGHT HYDROGEN SULFIDE. SUCH PROCEDURES SHALL BE APPROVED BY THE EXECUTIVE OFFICER.
[RULE 402]
5. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
TYPE OF LIQUID STORED, THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITION.
[RULE 463, 40 CFR 60 SUBPART K]

Periodic Monitoring: NONE

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

Emissions and Requirements:

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

VOC/TOC:	40 CFR 60, SUBPART K
VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36970
A/N 570307

Equipment Description:

STORAGE TANK NO. 30004, CAPACITY 30,000 BARRELS, 68'-0" DIA. X 48'-0" H., WELDED SHELL, PONTOON INTERNAL FLOATING ROOF, WITH A SHOE TYPE PRIMARY 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. THIS TANK SHALL NOT BE USED FOR STORING PURE ORGANIC COMPOUNDS.
[RULE 204]
4. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL TO ENSURE COMPLIANCE WITH THIS CONDITION.
[RULE 463, RULE 1178]
5. THE OPERATOR SHALL PROVIDE PROCEDURES FOR REMOVAL OF ANY FLOATING ROOF TANK FROM SERVICE THAT HAS STORED ANY CRUDE OIL CONTAINING MORE THAN 200 PPM BY WEIGHT HYDROGEN SULFIDE. SUCH PROCEDURES SHALL BE APPROVED BY THE EXECUTIVE OFFICER.
[RULE 402]
6. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
TYPE OF LIQUID STORED, THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITION.
[RULE 463, 40 CFR 60 SUBPART Ka]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC/TOC:	40 CFR 60 SUBPART Ka
VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36971
A/N 570308

Equipment Description:

STORAGE TANK NO. 30003, CAPACITY 30,000 BARRELS, 68'-3" DIA. X 48'-0" H., WITH A FIXED ROOF AND AN INTERNAL FLOATING PAN WITH A SHOE TYPE 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. THIS TANK SHALL NOT BE USED FOR STORING PURE ORGANIC COMPOUNDS.
[RULE 204]
4. THE OPERATOR SHALL PROVIDE PROCEDURES FOR REMOVAL OF ANY FLOATING ROOF TANK FROM SERVICE THAT HAS STORED ANY CRUDE OIL CONTAINING MORE THAN 200 PPM BY WEIGHT HYDROGEN SULFIDE. SUCH PROCEDURES SHALL BE APPROVED BY THE EXECUTIVE OFFICER.
[RULE 402]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL TO ENSURE COMPLIANCE WITH THIS CONDITION.
[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):
TYPE OF LIQUID STORED, THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITION.
[RULE 463]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36972
A/N 570311

Equipment Description:

STORAGE TANK NO. 30001, CAPACITY 30,000 BARRELS, 68'-3" DIA. X 48'-0" H., WITH A FIXED ROOF AND AN INTERNAL FLOATING PAN WITH A SHOE TYPE 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. THIS TANK SHALL NOT BE USED FOR STORING PURE ORGANIC COMPOUNDS.
[RULE 204]
4. THE OPERATOR SHALL PROVIDE PROCEDURES FOR REMOVAL OF ANY FLOATING ROOF TANK FROM SERVICE THAT HAS STORED ANY CRUDE OIL CONTAINING MORE THAN 200 PPM BY WEIGHT HYDROGEN SULFIDE. SUCH PROCEDURES SHALL BE APPROVED BY THE EXECUTIVE OFFICER.
[RULE 402]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL TO ENSURE COMPLIANCE WITH THIS CONDITION.
[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):
TYPE OF LIQUID STORED, THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITION.
[RULE 463]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36973
A/N 570343

Equipment Description:

STORAGE TANK NO. 2001, INTERNAL FLOATING ROOF, CAPACITY 2,000 BARRELS, 30'-0" DIA. X 15'-10 1/2 " H, WELDED SHELL AND SHOE TYPE SEAL

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL TO ENSURE COMPLIANCE WITH THIS CONDITION.
[RULE 463, RULE 1178]
4. THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUIDS HAVING A VAPOR PRESSURE OF 176 MMHG (3.4 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 1303(b)(2) - OFFSET, 1313(g) - EMISSION LIMITATION]
5. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
TYPE OF LIQUID STORED, THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITION.
[RULE 463, 40 CFR 60 SUBPART Ka]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC/TOC:	40 CFR 60 SUBPART Ka
VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36974
A/N 570344

Equipment Description:

TANK TRUCK LOADING RACK NO. 1, FOR ORGANIC LIQUID, CONSISTING OF:

1. FOUR 4" EMCO-WHEATON TYPE BOTTOM LOADING CONNECTION
2. TWO 3" VAPOR CONNECTIONS
3. THREE METERS
4. LOADING PUMPS, COMMON TO RACKS NO. 2, NO. 3 AND NO. 4
TWO 25 HP, CENTRIFUGAL, WITH MECHANICAL SEALS
TWO 25 HP, CENTRIFUGAL, WITH MECHANICAL SEALS
TWO 25 HP, CENTRIFUGAL, WITH MECHANICAL SEALS

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE OPERATOR SHALL VENT ALL VENT GASES FROM THIS LOADING RACK TO THE VAPOR CONTROL SYSTEM WHICH SHALL HAVE A VALID PERMIT TO RECEIVE THE VENT GASES FROM THIS EQUIPMENT AND SHALL ALSO BE CARB CERTIFIED. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE VAPOR COLLECTION BLADDER TANK HAS A SUFFICIENT CAPACITY TO RECEIVE VENT GAS FROM THIS EQUIPMENT.
[RULE 462, RULE 1303 (a) (1) - BACT, 40 CFR 60 SUBPART XX]
4. THE OPERATOR SHALL NOT USE THIS EQUIPMENT TO LOAD PURE ORGANIC COMPOUNDS OR LIQUIDS, EXCEPT ETHANOL.
[RULE 204]
5. THE OPERATOR SHALL LIMIT THE COMBINED THROUGHPUT OF ALL MATERIALS IN TANK TRUCK LOADING RACKS NOS. 1, 2, 3, AND 4 TO NO MORE THAN 1,600,000 GALLONS IN ANY ONE DAY.
[RULE 1303(b)(2) - OFFSET, 1313(g) - EMISSION LIMITATION]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

6. THE OPERATOR SHALL LIMIT THE COMBINED THROUGHPUT OF TANK TRUCK LOADING RACKS NOS. 1, 2, 3, AND 4 TO NO MORE THAN 1,200,000 GALLONS OF GASOLINE IN ANY ONE DAY.
[RULE 462]
7. THE OPERATOR SHALL USE TOTALIZER FLOW METERS TO MEASURE THE LOADING THROUGHPUT TO COMPLY WITH CONDITION NO. 5.
[RULE 204]
8. IN ADDITION TO THE RECORDS REQUIRED IN RULE 462, THE LOADING THROUGHPUT RECORDS SHALL BE MAINTAINED FOR AT LEAST TWO YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 462]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC/TOC: 35 MG/L-GASOLINE LOADED: 40 CFR 60 SUBPART XX
VOC: 0.08 LBS/1000 GAL. ORGANIC LIQUID LOADED: RULE 462,
RULE 1303(b)(2) - OFFSET, 1313(g) - EMISSION LIMITATION

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36975
A/N 570345

Equipment Description:

TANK TRUCK LOADING RACK NO. 2, FOR ORGANIC LIQUID, CONSISTING OF:

1. FOUR 4" EMCO-WHEATON TYPE BOTTOM LOADING CONNECTION
2. TWO 3" VAPOR CONNECTIONS
3. THREE METERS
4. LOADING PUMPS, COMMON TO RACKS NO. 1, NO. 3 AND NO. 4

TWO 25 HP, CENTRIFUGAL, WITH MECHANICAL SEALS

TWO 25 HP, CENTRIFUGAL, WITH MECHANICAL SEALS

TWO 25 HP, CENTRIFUGAL, WITH MECHANICAL SEALS

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE OPERATOR SHALL VENT ALL VENT GASES FROM THIS LOADING RACK TO THE VAPOR CONTROL SYSTEM WHICH SHALL HAVE A VALID PERMIT TO RECEIVE THE VENT GASES FROM THIS EQUIPMENT AND SHALL ALSO BE CARB CERTIFIED. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE VAPOR COLLECTION BLADDER TANK HAS A SUFFICIENT CAPACITY TO RECEIVE VENT GASES FROM THIS EQUIPMENT.
[RULE 462, RULE 1303 (a) (1) - BACT, 40 CFR 60 SUBPART XX]
4. THE OPERATOR SHALL NOT USE THIS EQUIPMENT TO LOAD PURE ORGANIC COMPOUNDS OR LIQUIDS, EXCEPT ETHANOL.
[RULE 204]
5. THE OPERATOR SHALL LIMIT THE COMBINED THROUGHPUT OF ALL MATERIALS IN TANK TRUCK LOADING RACKS NOS. 1, 2, 3, AND 4 TO NO MORE THAN 1,600,000 GALLONS IN ANY ONE DAY.
[RULE 1303(b)(2) - OFFSET, 1313(g) - EMISSION LIMITATION]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

6. THE OPERATOR SHALL LIMIT THE COMBINED THROUGHPUT OF TANK TRUCK LOADING RACKS NOS. 1, 2, 3, AND 4 TO NO MORE THAN 1,200,000 GALLONS OF GASOLINE IN ANY ONE DAY.
[RULE 462]
7. THE OPERATOR SHALL USE TOTALIZER FLOW METERS TO MEASURE THE LOADING THROUGHPUT TO COMPLY WITH CONDITION NO. 5.
[RULE 204]
8. IN ADDITION TO THE RECORDS REQUIRED IN RULE 462, THE LOADING THROUGHPUT RECORDS SHALL BE MAINTAINED FOR AT LEAST TWO YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 462]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC/TOC: 35 MG/L-GASOLINE LOADED: 40 CFR 60 SUBPART XX
VOC: 0.08 LBS/1000 GAL. ORGANIC LIQUID LOADED: RULE 462,
RULE 1303(b)(2) - OFFSET, 1313(g) - EMISSION LIMITATION

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36976
A/N 570346

Equipment Description:

TANK TRUCK LOADING RACK NO. 3, FOR ORGANIC LIQUID, CONSISTING OF:

1. FOUR 4" EMCO-WHEATON TYPE BOTTOM LOADING CONNECTION
2. TWO 3" VAPOR CONNECTIONS
3. THREE METERS
4. LOADING PUMPS, COMMON TO RACKS NO.1, NO. 2 AND NO. 4
TWO 25 HP, CENTRIFUGAL, WITH MECHANICAL SEALS
TWO 25 HP, CENTRIFUGAL, WITH MECHANICAL SEALS
TWO 25 HP, CENTRIFUGAL, WITH MECHANICAL SEALS

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE OPERATOR SHALL VENT ALL VENT GASES FROM THIS LOADING RACK TO THE VAPOR CONTROL SYSTEM WHICH SHALL HAVE A VALID PERMIT TO RECEIVE THE VENT GASES FROM THIS EQUIPMENT AND SHALL ALSO BE CARB CERTIFIED. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE VAPOR COLLECTION BLADDER TANK HAS A SUFFICIENT CAPACITY TO RECEIVE VENT GAS FROM THIS EQUIPMENT.
[RULE 462, RULE 1303 (a) (1) - BACT, 40 CFR 60 SUBPART XX]
4. THE OPERATOR SHALL NOT USE THIS EQUIPMENT TO LOAD PURE ORGANIC COMPOUNDS OR LIQUIDS, EXCEPT ETHANOL.
[RULE 204]
5. THE OPERATOR SHALL LIMIT THE COMBINED THROUGHPUT OF ALL MATERIALS IN TANK TRUCK LOADING RACKS NOS. 1, 2, 3, AND 4 TO NO MORE THAN 1,600,000 GALLONS IN ANY ONE DAY.
[RULE 1303(b)(2) - OFFSET, 1313(g) - EMISSION LIMITATION]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

6. THE OPERATOR SHALL LIMIT THE COMBINED THROUGHPUT OF TANK TRUCK LOADING RACKS NOS. 1, 2, 3, AND 4 TO NO MORE THAN 1,200,000 GALLONS OF GASOLINE IN ANY ONE DAY.
[RULE 462]
7. THE OPERATOR SHALL USE TOTALIZER FLOW METERS TO MEASURE THE LOADING THROUGHPUT TO COMPLY WITH CONDITION NO. 5.
[RULE 204]
8. IN ADDITION TO THE RECORDS REQUIRED IN RULE 462, THE LOADING THROUGHPUT RECORDS SHALL BE MAINTAINED FOR AT LEAST TWO YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 462]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC/TOC: 35 MG/L-GASOLINE LOADED: 40 CFR 60 SUBPART XX
VOC: 0.08 LBS/1000 GAL. ORGANIC LIQUID LOADED: RULE 462,
RULE 1303(b)(2) - OFFSET, 1313(g) - EMISSION LIMITATION

**FACILITY PERMIT TO OPERATE
CHEMOIL TERMINALS CORP, CARSON TERMINAL**

PERMIT TO OPERATE

**Permit No. G36977
A/N 570347**

Equipment Description:

TANK TRUCK LOADING RACK NO. 4, FOR ORGANIC LIQUID, CONSISTING OF:

1. FOUR 4" EMCO-WHEATON TYPE BOTTOM LOADING CONNECTION
2. TWO 3" VAPOR CONNECTIONS
3. THREE METERS
4. LOADING PUMPS, COMMON TO RACKS NO 1, NO. 2 AND NO. 3

TWO 25 HP, CENTRIFUGAL, WITH MECHANICAL SEALS

TWO 25 HP, CENTRIFUGAL, WITH MECHANICAL SEALS

TWO 25 HP, CENTRIFUGAL, WITH MECHANICAL SEALS

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE OPERATOR SHALL VENT ALL VENT GASES FROM THIS LOADING RACK TO THE VAPOR CONTROL SYSTEM WHICH SHALL HAVE A VALID PERMIT TO RECEIVE THE VENT GASES FROM THIS EQUIPMENT AND SHALL ALSO BE CARB CERTIFIED. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE VAPOR COLLECTION BLADDER TANK HAS A SUFFICIENT CAPACITY TO RECEIVE VENT GAS FROM THIS EQUIPMENT.
[RULE 462, RULE 1303 (a) (1) - BACT, 40 CFR 60 SUBPART XX]
4. THE OPERATOR SHALL NOT USE THIS EQUIPMENT TO LOAD PURE ORGANIC COMPOUNDS OR LIQUIDS, EXCEPT ETHANOL.
[RULE 204]
5. THE OPERATOR SHALL LIMIT THE COMBINED THROUGHPUT OF ALL MATERIALS IN TANK TRUCK LOADING RACKS NOS. 1, 2, 3, AND 4 TO NO MORE THAN 1,600,000 GALLONS IN ANY ONE DAY.
[RULE 1303(b)(2) - OFFSET, 1313(g) - EMISSION LIMITATION]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

6. THE OPERATOR SHALL LIMIT THE COMBINED THROUGHPUT OF TANK TRUCK LOADING RACKS NOS. 1, 2, 3, AND 4 TO NO MORE THAN 1,200,000 GALLONS OF GASOLINE IN ANY ONE DAY.
[RULE 462]
7. THE OPERATOR SHALL USE TOTALIZER FLOW METERS TO MEASURE THE LOADING THROUGHPUT TO COMPLY WITH CONDITION NO. 5.
[RULE 204]
8. IN ADDITION TO THE RECORDS REQUIRED IN RULE 462, THE LOADING THROUGHPUT RECORDS SHALL BE MAINTAINED FOR AT LEAST TWO YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 462]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC/TOC: 35 MG/L-GASOLINE LOADED: 40 CFR 60 SUBPART XX
VOC: 0.08 LBS/1000 GAL. ORGANIC LIQUID LOADED: RULE 462,
RULE 1303(b)(2) - OFFSET, 1313(g) - EMISSION LIMITATION

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36978
A/N 570348

Equipment Description:

STORAGE TANK NO. 20003, INTERNAL FLOATING ROOF, 53'-0" DIA. X 52'-0" H., 20,000 BBL CAPACITY, WELDED SHELL, PONTOON TYPE, WITH A LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL, AND A RIM-MOUNTED WIPER SECONDARY SEAL

CONDITIONS:

1. CONSTRUCTION AND 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 HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF SHALL NOT EXCEED 30% OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE BY USING AN EXPLOSIMETER OR EQUIVALENT DEVICE AT LEAST TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, RULE 1178]
4. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN 60,000 BARRELS PER CALENDAR MONTH. THROUGHPUT SHALL BE DEFINED AS CRUDE OIL, GASOLINE, BLENDING STOCKS, JET FUEL, DIESEL OILS, FUEL OILS, BLACK OILS, AND ETHANOL WITH A REID VAPOR PRESSURE NOT TO EXCEED 11 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSET, 1313(g) – EMISSION LIMITATION, RULE 1401]

5. THE REFILLING, DEGASSING, OR OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.
[RULE 1149]
6. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR TYPE OF PRODUCT STORED, ITS THROUGHPUT, AND ITS REID VAPOR PRESSURE.
[RULE 463, 40 CFR 60 SUBPART Kb]
7. ALL NEW VALVES AND MAJOR COMPONENTS IN VOC SERVICE AS DEFINED BY RULE 1173, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173 SHALL BE DISTINCTLY IDENTIFIED FROM OTHER COMPONENTS THROUGH THEIR TAG NUMBERS (E.G., NUMBERS ENDING IN THE LETTER "N"), AND SHALL BE NOTED IN THE RECORDS.
[RULE 1303(a)(1)-BACT]
8. ALL NEW COMPONENTS IN VOC SERVICE AS DEFINED IN RULE 1173, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL NEW VALVES AND FLANGES IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

9. IF 98.0 PERCENT OR GREATER OF THE NEW (NON-LEAKLESS TYPE) VALVES AND THE NEW FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 500 PPMV FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR MAY CHANGE TO A QUARTERLY INSPECTION PROGRAM WITH THE WRITTEN APPROVAL OF THE DISTRICT.
[RULE 1303(a)(1)-BACT]
10. ALL NEW COMPONENTS IN VOC SERVICE WITH A LEAK GREATER THAN 500 PPMV BUT LESS THAN 1,000 PPMV, AS METHANE, MEASURED ABOVE BACKGROUND 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 DEVICE, DIAPHRAGM, HATCH, SIGHT-GLASS, AND METER, WHICH ARE NOT EXEMPTED BY RULE 1173.
[RULE 1303(a)(1)-BACT]
11. THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (QUARTERLY WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IN A MANNER APPROVED BY THE DISTRICT. RECORDS SHALL BE KEPT AND MAINTAINED FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC/TOC: 40 CFR 60 SUBPART Kb
VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36979
A/N 570349

Equipment Description:

STORAGE TANK NO. 20002, INTERNAL FLOATING ROOF, 53'-0" DIA. X 52'-0" H., 20,000 BBL CAPACITY, WELDED SHELL, PONTOON TYPE, WITH A LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL, AND A RIM-MOUNTED WIPER SECONDARY SEAL

CONDITIONS:

1. CONSTRUCTION AND 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 HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF SHALL NOT EXCEED 30% OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE BY USING AN EXPLOSIMETER OR EQUIVALENT DEVICE AT LEAST TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, RULE 1178]
4. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN 60,000 BARRELS PER CALENDAR MONTH. THROUGHPUT SHALL BE DEFINED AS CRUDE OIL, GASOLINE, BLENDING STOCKS, JET FUEL, DIESEL OILS, FUEL OILS, BLACK OILS, AND ETHANOL WITH A REID VAPOR PRESSURE NOT TO EXCEED 11 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSET, RULE 1401]

5. THE REFILLING, DEGASSING, OR OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT ARE NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.
[RULE 1149]
6. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR TYPE OF PRODUCT STORED, ITS THROUGHPUT, AND ITS REID VAPOR PRESSURE.
[RULE 463, 40 CFR 60 SUBPART Kb]
7. ALL NEW VALVES AND MAJOR COMPONENTS IN VOC SERVICE AS DEFINED BY RULE 1173, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173 SHALL BE DISTINCTLY IDENTIFIED FROM OTHER COMPONENTS THROUGH THEIR TAG NUMBERS (E.G., NUMBERS ENDING IN THE LETTER "N"), AND SHALL BE NOTED IN THE RECORDS.
[RULE 1303(a)(1)-BACT]
8. ALL NEW COMPONENTS IN VOC SERVICE AS DEFINED IN RULE 1173, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL NEW VALVES AND FLANGES IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

9. IF 98.0 PERCENT OR GREATER OF THE NEW (NON-LEAKLESS TYPE) VALVES AND THE NEW FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 500 PPMV FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR MAY CHANGE TO A QUARTERLY INSPECTION PROGRAM WITH THE WRITTEN APPROVAL OF THE DISTRICT.
[RULE 1303(a)(1)-BACT]
10. ALL NEW COMPONENTS IN VOC SERVICE WITH A LEAK GREATER THAN 500 PPMV BUT LESS THAN 1,000 PPMV, AS METHANE, MEASURED ABOVE BACKGROUND 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 DEVICE, DIAPHRAGM, HATCH, SIGHT-GLASS, AND METER, WHICH ARE NOT EXEMPTED BY RULE 1173.
[RULE 1303(a)(1)-BACT]
11. THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (QUARTERLY WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IN A MANNER APPROVED BY THE DISTRICT. RECORDS SHALL BE KEPT AND MAINTAINED FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC/TOC:	40 CFR 60 SUBPART Kb
VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178

**FACILITY PERMIT TO OPERATE
CHEMOIL TERMINALS CORP, CARSON TERMINAL**

PERMIT TO OPERATE

**Permit No. G36980
A/N 570350**

Equipment Description:

WASTE WATER TREATMENT SYSTEM CONSISTING OF:

1. TANK, OXIDIZER, SODIUM HYPOCHLORITE SOLUTION, (12% BY WEIGHT), 1700 GALLONS
2. FLOW CHAMBER, WEIR BOX/FLOWMETER, 400 GALLONS
3. TWO PUMPS, CHEMICAL INJECTION, EACH 7 GPH, 1/25 HP
4. TWO TRANSFER PUMPS, P-109 AND P-110, EACH 50 GPM, EACH 1.5 HP
5. PROCESS TANK, V-103, CHEMICAL TREATMENT, 8400 GALLONS, 8'-0" DIA. X 26'-0" L.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 30000 GALLONS PER DAY.
[RULE 1303 (b) (2) - OFFSET, 1313(g) – EMISSION LIMITATION]
4. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH CONDITION 3.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements: NONE

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36981
A/N 570351

Equipment Description:

STORAGE TANK NO. 50005, PAN TYPE, INTERNAL FLOATING ROOF, 88'-6" DIA. X 48'-0" H., 50,000 BBL CAPACITY, WELDED SHELL, WITH A LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL, AND A RIM-MOUNTED WIPER SECONDARY SEAL

CONDITIONS:

1. CONSTRUCTION AND 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 HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF SHALL NOT EXCEED 30% OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE BY USING AN EXPLOSIMETER OR EQUIVALENT DEVICE AT LEAST TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, RULE 1178]
4. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN 208,333 BARRELS PER CALENDAR MONTH. THROUGHPUT SHALL BE DEFINED AS CRUDE OIL, GASOLINE, BLENDING STOCKS, JET FUEL, DIESEL OILS, FUEL OILS, BLACK OILS, AND ETHANOL WITH A REID VAPOR PRESSURE NOT TO EXCEED 11 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSET, 1313(g) – EMISSION LIMITATION, RULE 1401]

5. THE REFILLING, DEGASSING, OR OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT ARE NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.
[RULE 1149]
6. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR TYPE OF PRODUCT STORED, ITS THROUGHPUT, AND ITS REID VAPOR PRESSURE.
[RULE 463, 40 CFR 60 SUBPART Kb]
7. ALL NEW VALVES AND MAJOR COMPONENTS IN VOC SERVICE AS DEFINED BY RULE 1173, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173 SHALL BE DISTINCTLY IDENTIFIED FROM OTHER COMPONENTS THROUGH THEIR TAG NUMBERS (E.G., NUMBERS ENDING IN THE LETTER "N"), AND SHALL BE NOTED IN THE RECORDS.
[RULE 1303(a)(1)-BACT]
8. ALL NEW COMPONENTS IN VOC SERVICE AS DEFINED IN RULE 1173, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL NEW VALVES AND FLANGES IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

9. IF 98.0 PERCENT OR GREATER OF THE NEW (NON-LEAKLESS TYPE) VALVES AND THE NEW FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 500 PPMV FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR MAY CHANGE TO A QUARTERLY INSPECTION PROGRAM WITH THE WRITTEN APPROVAL OF THE DISTRICT.
[RULE 1303(a)(1)-BACT]

10. ALL NEW COMPONENTS IN VOC SERVICE WITH A LEAK GREATER THAN 500 PPMV BUT LESS THAN 1,000 PPMV, AS METHANE, MEASURED ABOVE BACKGROUND 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 DEVICE, DIAPHRAGM, HATCH, SIGHT-GLASS, AND METER, WHICH ARE NOT EXEMPTED BY RULE 1173.
[RULE 1303(a)(1)-BACT]

11. THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (QUARTERLY WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IN A MANNER APPROVED BY THE DISTRICT. RECORDS SHALL BE KEPT AND MAINTAINED FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC/TOC: 40 CFR 60 SUBPART Kb
VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36982
A/N 570352

Equipment Description:

STORAGE TANK NO. 50004, PAN TYPE, INTERNAL FLOATING ROOF, 88'-6" DIA. X 48'-0" H., 50,000 BBL CAPACITY, WELDED SHELL, WITH A LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL, AND A RIM-MOUNTED WIPER SECONDARY SEAL

CONDITIONS:

1. CONSTRUCTION AND 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 HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF SHALL NOT EXCEED 30% OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE BY USING AN EXPLOSIMETER OR EQUIVALENT DEVICE AT LEAST TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, RULE 1178]
4. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN 208,333 BARRELS PER CALENDAR MONTH. THROUGHPUT SHALL BE DEFINED AS CRUDE OIL, GASOLINE, BLENDING STOCKS, JET FUEL, DIESEL OILS, FUEL OILS, BLACK OILS, AND ETHANOL WITH A REID VAPOR PRESSURE NOT TO EXCEED 11 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSET, 1313(g) – EMISSION LIMITATION, RULE 1401]

5. THE REFILLING, DEGASSING, OR OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT ARE NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.
[RULE 1149]
6. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR TYPE OF PRODUCT STORED, ITS THROUGHPUT, AND ITS REID VAPOR PRESSURE.
[RULE 463, RULE 1303(b)(2)-OFFSET, RULE 1401, 40 CFR 60 SUBPART Kb]
7. ALL NEW VALVES AND MAJOR COMPONENTS IN VOC SERVICE AS DEFINED BY RULE 1173, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173 SHALL BE DISTINCTLY IDENTIFIED FROM OTHER COMPONENTS THROUGH THEIR TAG NUMBERS (E.G., NUMBERS ENDING IN THE LETTER "N"), AND SHALL BE NOTED IN THE RECORDS.
[RULE 1303(a)(1)-BACT]
8. ALL NEW COMPONENTS IN VOC SERVICE AS DEFINED IN RULE 1173, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL NEW VALVES AND FLANGES IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

9. IF 98.0 PERCENT OR GREATER OF THE NEW (NON-LEAKLESS TYPE) VALVES AND THE NEW FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 500 PPMV FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR MAY CHANGE TO A QUARTERLY INSPECTION PROGRAM WITH THE WRITTEN APPROVAL OF THE DISTRICT.
[RULE 1303(a)(1)-BACT]
10. ALL NEW COMPONENTS IN VOC SERVICE WITH A LEAK GREATER THAN 500 PPMV BUT LESS THAN 1,000 PPMV, AS METHANE, MEASURED ABOVE BACKGROUND 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 DEVICE, DIAPHRAGM, HATCH, SIGHT-GLASS, AND METER, WHICH ARE NOT EXEMPTED BY RULE 1173.
[RULE 1303(a)(1)-BACT]
11. THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (QUARTERLY WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IN A MANNER APPROVED BY THE DISTRICT. RECORDS SHALL BE KEPT AND MAINTAINED FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC/TOC:	40 CFR 60 SUBPART Kb
VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36983
A/N 570353

Equipment Description:

STORAGE TANK NO. 50006, PAN TYPE, INTERNAL FLOATING ROOF, 88'-6" DIA. X 48'-0" H., 50,000 BBL CAPACITY, WELDED SHELL, WITH A LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL, AND A RIM-MOUNTED WIPER SECONDARY SEAL

CONDITIONS:

1. CONSTRUCTION AND 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 HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF SHALL NOT EXCEED 30% OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE BY USING AN EXPLOSIMETER OR EQUIVALENT DEVICE AT LEAST TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, RULE 1178]
4. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN 208,333 BARRELS PER CALENDAR MONTH. THROUGHPUT SHALL BE DEFINED AS CRUDE OIL, GASOLINE, BLENDING STOCKS, JET FUEL, DIESEL OILS, FUEL OILS, BLACK OILS, AND ETHANOL WITH A REID VAPOR PRESSURE NOT TO EXCEED 11 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSET, 1313(g) – EMISSION LIMITATION, RULE 1401]

5. THE REFILLING, DEGASSING, OR OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT ARE NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.
[RULE 1149]
6. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR TYPE OF PRODUCT STORED, ITS THROUGHPUT, AND ITS REID VAPOR PRESSURE.
[RULE 463,40 CFR 60 SUBPART Kb]
7. ALL NEW VALVES AND MAJOR COMPONENTS IN VOC SERVICE AS DEFINED BY RULE 1173, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173 SHALL BE DISTINCTLY IDENTIFIED FROM OTHER COMPONENTS THROUGH THEIR TAG NUMBERS (E.G., NUMBERS ENDING IN THE LETTER "N"), AND SHALL BE NOTED IN THE RECORDS.
[RULE 1303(a)(1)-BACT]
8. ALL NEW COMPONENTS IN VOC SERVICE AS DEFINED IN RULE 1173, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL NEW VALVES AND FLANGES IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

9. IF 98.0 PERCENT OR GREATER OF THE NEW (NON-LEAKLESS TYPE) VALVES AND THE NEW FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 500 PPMV FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR MAY CHANGE TO A QUARTERLY INSPECTION PROGRAM WITH THE WRITTEN APPROVAL OF THE DISTRICT.
[RULE 1303(a)(1)-BACT]
10. ALL NEW COMPONENTS IN VOC SERVICE WITH A LEAK GREATER THAN 500 PPMV BUT LESS THAN 1,000 PPMV, AS METHANE, MEASURED ABOVE BACKGROUND 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 DEVICE, DIAPHRAGM, HATCH, SIGHT-GLASS, AND METER, WHICH ARE NOT EXEMPTED BY RULE 1173.
[RULE 1303(a)(1)-BACT]
11. THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (QUARTERLY WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IN A MANNER APPROVED BY THE DISTRICT. RECORDS SHALL BE KEPT AND MAINTAINED FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC/TOC: 40 CFR 60 SUBPART Kb
VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36984
A/N 570354

Equipment Description:

STORAGE TANK NO. 50007, PAN TYPE, INTERNAL FLOATING ROOF, 88'-6" DIA. X 48'-0" H., 50,000 BBL CAPACITY, WELDED SHELL, WITH A LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL, AND A RIM-MOUNTED WIPER SECONDARY SEAL

CONDITIONS:

1. CONSTRUCTION AND 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 HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF SHALL NOT EXCEED 30% OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE BY USING AN EXPLOSIMETER OR EQUIVALENT DEVICE AT LEAST TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, RULE 1178]
4. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN 208,333 BARRELS PER CALENDAR MONTH. THROUGHPUT SHALL BE DEFINED AS CRUDE OIL, GASOLINE, BLENDING STOCKS, JET FUEL, DIESEL OILS, FUEL OILS, BLACK OILS, AND ETHANOL WITH A REID VAPOR PRESSURE NOT TO EXCEED 11 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSET, 1313(g) – EMISSION LIMITATION, RULE 1401]

5. THE REFILLING, DEGASSING, OR OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT ARE NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.
[RULE 1149]
6. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR TYPE OF PRODUCT STORED, ITS THROUGHPUT, AND ITS REID VAPOR PRESSURE.
[RULE 463, 40 CFR 60 SUBPART Kb]
7. ALL NEW VALVES AND MAJOR COMPONENTS IN VOC SERVICE AS DEFINED BY RULE 1173, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173 SHALL BE DISTINCTLY IDENTIFIED FROM OTHER COMPONENTS THROUGH THEIR TAG NUMBERS (E.G., NUMBERS ENDING IN THE LETTER "N"), AND SHALL BE NOTED IN THE RECORDS.
[RULE 1303(a)(1)-BACT]
8. ALL NEW COMPONENTS IN VOC SERVICE AS DEFINED IN RULE 1173, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL NEW VALVES AND FLANGES IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

9. IF 98.0 PERCENT OR GREATER OF THE NEW (NON-LEAKLESS TYPE) VALVES AND THE NEW FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 500 PPMV FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR MAY CHANGE TO A QUARTERLY INSPECTION PROGRAM WITH THE WRITTEN APPROVAL OF THE DISTRICT.
[RULE 1303(a)(1)-BACT]
10. ALL NEW COMPONENTS IN VOC SERVICE WITH A LEAK GREATER THAN 500 PPMV BUT LESS THAN 1,000 PPMV, AS METHANE, MEASURED ABOVE BACKGROUND 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 DEVICE, DIAPHRAGM, HATCH, SIGHT-GLASS, AND METER, WHICH ARE NOT EXEMPTED BY RULE 1173.
[RULE 1303(a)(1)-BACT]
11. THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (QUARTERLY WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IN A MANNER APPROVED BY THE DISTRICT. RECORDS SHALL BE KEPT AND MAINTAINED FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC/TOC:	40 CFR 60 SUBPART Kb
VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36985
A/N 570355

Equipment Description:

STORAGE TANK NO. 50008, PAN TYPE, INTERNAL FLOATING ROOF, 88'-6" DIA. X 48'-0" H., 50,000 BBL CAPACITY, WELDED SHELL, WITH A LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL, AND A RIM-MOUNTED WIPER SECONDARY SEAL

CONDITIONS:

1. CONSTRUCTION AND 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 HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF SHALL NOT EXCEED 30% OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE BY USING AN EXPLOSIMETER OR EQUIVALENT DEVICE AT LEAST TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, RULE 1178]
4. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN 208,333 BARRELS PER CALENDAR MONTH. THROUGHPUT SHALL BE DEFINED AS CRUDE OIL, GASOLINE, BLENDING STOCKS, JET FUEL, DIESEL OILS, FUEL OILS, BLACK OILS, AND ETHANOL WITH A REID VAPOR PRESSURE NOT TO EXCEED 11 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

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THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSET, 1313(g) – EMISSION LIMITATION, RULE 1401]

5. THE REFILLING, DEGASSING, OR OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.
[RULE 1149]
6. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR TYPE OF PRODUCT STORED, ITS THROUGHPUT, AND ITS REID VAPOR PRESSURE.
[RULE 463, 40 CFR 60 SUBPART Kb]
7. ALL NEW VALVES AND MAJOR COMPONENTS IN VOC SERVICE AS DEFINED BY RULE 1173, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173 SHALL BE DISTINCTLY IDENTIFIED FROM OTHER COMPONENTS THROUGH THEIR TAG NUMBERS (E.G., NUMBERS ENDING IN THE LETTER "N"), AND SHALL BE NOTED IN THE RECORDS.
[RULE 1303(a)(1)-BACT]
8. ALL NEW COMPONENTS IN VOC SERVICE AS DEFINED IN RULE 1173, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL NEW VALVES AND FLANGES IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
[RULE 1303(a)(1)-BACT]
9. IF 98.0 PERCENT OR GREATER OF THE NEW (NON-LEAKLESS TYPE) VALVES AND THE NEW FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 500 PPMV FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR MAY CHANGE TO A QUARTERLY INSPECTION PROGRAM WITH THE WRITTEN APPROVAL OF THE DISTRICT.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

10. ALL NEW COMPONENTS IN VOC SERVICE WITH A LEAK GREATER THAN 500 PPMV BUT LESS THAN 1,000 PPMV, AS METHANE, MEASURED ABOVE BACKGROUND 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 DEVICE, DIAPHRAGM, HATCH, SIGHT-GLASS, AND METER, WHICH ARE NOT EXEMPTED BY RULE 1173.
[RULE 1303(a)(1)-BACT]

11. THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (QUARTERLY WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IN A MANNER APPROVED BY THE DISTRICT. RECORDS SHALL BE KEPT AND MAINTAINED FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC/TOC: 40 CFR 60 SUBPART Kb
VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36986
A/N 570356

Equipment Description:

STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO. 10007, CAPACITY 10,000 BARRELS, 42'-0" DIA. X 40'-0" H., WELDED SHELL, DOUBLE DECK EXTERNAL FLOATING ROOF, A MECHANICAL SHOE PRIMARY SEAL A DOUBLE WIPER SECONDARY SEAL.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
TYPE OF LIQUID STORED, THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITION.
[RULE 463, 40 CFR 60 SUBPART K]
4. THE OPERATOR SHALL PROVIDE PROCEDURES FOR REMOVAL OF ANY FLOATING ROOF TANK FROM SERVICE THAT HAS STORED ANY CRUDE OIL CONTAINING MORE THAN 20 PPM BY WEIGHT HYDROGEN SULFIDE. SUCH PROCEDURES SHALL BE APPROVED BY THE EXECUTIVE OFFICER.
[RULE 402]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC/TOC: 40 CFR 60 SUBPART K
VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36987
A/N 570357

Equipment Description:

STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO. 10004, CAPACITY 100,000 BARRELS, 122'-6" DIA. X 48'-0" H., INSULATED, INTERNALLY HEATED, EQUIPPED WITH A PONTOON-TYPE FLOATING ROOF, A MECHANICAL SHOE PRIMARY SEAL, A DOUBLE WIPER TYPE SECONDARY SEAL AND A 20 HP MIXER.

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 TANK SHALL NOT BE USED FOR STORING PETROLEUM LIQUIDS HAVING A VAPOR PRESSURE OF 9 PSIA OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 1303(b)(2) - OFFSET, 1313(g) - EMISSION LIMITATION]
4. THIS TANK SHALL NOT BE USED FOR STORING PURE ORGANIC COMPOUNDS.
[RULE 204]
5. THE OPERATOR SHALL PROVIDE PROCEDURES FOR REMOVAL OF ANY FLOATING ROOF TANK FROM SERVICE THAT HAS STORED ANY CRUDE OIL CONTAINING MORE THAN 20 PPM BY WEIGHT HYDROGEN SULFIDE. SUCH PROCEDURES SHALL BE APPROVED BY THE EXECUTIVE OFFICER.
[RULE 402]
6. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
TYPE OF LIQUID STORED, THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITION.
[RULE 463]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC/TOC:	40 CFR 60, SUBPART Ka
VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36988
A/N 570358

Equipment Description:

STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO. 100,003, CAPACITY 100,000 BARRELS, 134'-0" DIA. X 40'-0" H., WELDED SHELL, DOUBLE DECK EXTERNAL FLOATING ROOF, A MECHANICAL SHOE PRIMARY SEAL, A DOUBLE 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. THIS TANK SHALL NOT BE USED FOR STORING PURE ORGANIC COMPOUNDS.
[RULE 204]
4. THE OPERATOR SHALL PROVIDE PROCEDURES FOR REMOVAL OF ANY FLOATING ROOF TANK FROM SERVICE THAT HAS STORED ANY CRUDE OIL CONTAINING MORE THAN 20 PPM BY WEIGHT HYDROGEN SULFIDE. SUCH PROCEDURES SHALL BE APPROVED BY THE EXECUTIVE OFFICER.
[RULE 402]
5. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
TYPE OF LIQUID STORED, THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITION.
[RULE 463]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178

**FACILITY PERMIT TO OPERATE
CHEMOIL TERMINALS CORP, CARSON TERMINAL**

PERMIT TO OPERATE

**Permit No. G36989
A/N 570359**

Equipment Description:

STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO. 100,002, CAPACITY 100,000 BARRELS, 134'-0" DIA. X 40'-0" H., WELDED SHELL, DOUBLE DECK FLOATING ROOF, A MECHANICAL SHOE PRIMARY SEAL, A DOUBLE 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. THIS TANK SHALL NOT BE USED FOR STORING PURE ORGANIC COMPOUNDS.
[RULE 1303(b)(2) - OFFSET]
4. THE OPERATOR SHALL PROVIDE PROCEDURES FOR REMOVAL OF ANY FLOATING ROOF TANK FROM SERVICE THAT HAS STORED ANY CRUDE OIL CONTAINING MORE THAN 20 PPM BY WEIGHT HYDROGEN SULFIDE. SUCH PROCEDURES SHALL BE APPROVED BY THE EXECUTIVE OFFICER.
[RULE 402]
5. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
TYPE OF LIQUID STORED, THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITION.
[RULE 463]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36990
A/N 570360

Equipment Description:

STORAGE TANK NO. 30002, CAPACITY 30,000 BARRELS, 68'-3" DIA. X 48'-0" H., WITH A FIXED ROOF AND AN INTERNAL FLOATING PAN WITH A SHOE TYPE SEAL.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL TO ENSURE COMPLIANCE WITH THIS CONDITION.
[RULE 463, RULE 1178]
4. THIS TANK SHALL NOT BE USED FOR STORING PURE ORGANIC COMPOUNDS.
[RULE 204]
5. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
TYPE OF LIQUID STORED, THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITION.
[RULE 463]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC/TOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36991
A/N 570361

Equipment Description:

EFFLUENT WATER TRANSFER SYSTEM CONSISTING OF;

1. CONCRETE WALL, TWO-SECTION, STEEL GRATE COVERED BASIN, 4'-8" W. X 10'-0" L. X 4'-8" D.
2. BASIN PUMP, DELAVAL CENTRIFUGAL IN-LINE TYPE, 5 X 5, WITH MECHANICAL SEAL AND 7 1/2 HP MOTOR

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 USED TO RECEIVE EFFLUENT WATER CONTAINING 200 GALLONS OR MORE PER DAY OF PETROLEUM PRODUCTS FROM ANY EQUIPMENT WHICH PROCESSES, REFINES, STORES OR HANDLES HYDROCARBONS WITH A REID VAPOR PRESSURE OF 0.5 POUNDS OR GREATER.
[RULE 204]
4. THIS EQUIPMENT SHALL NOT BE USED TO RECOVER OIL FROM EFFLUENT WATER.
[RULE 464]

Periodic Monitoring: NONE

Emissions and Requirements: NONE

**FACILITY PERMIT TO OPERATE
CHEMOIL TERMINALS CORP, CARSON TERMINAL**

PERMIT TO OPERATE

**Permit No. G36992
A/N 570362**

Equipment Description:

TETRAETHYL LEAD (TEL) STORAGE AND BLENDING FACILITY CONSISTING OF:

1. TETRAETHYL LEAD (TEL) STORAGE AND WEIGH TANK, 4,250 GALLONS CAPACITY
2. CIRCULATING PUMP, WITH MECHANICAL SEAL AND 30 HP MOTOR
3. EDUCTOR, 2" X 2" X 1"
4. TRUCK UNLOADING ARM, ONE POSITION

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]

Periodic Monitoring: NONE

Emissions and Requirements: NONE

**FACILITY PERMIT TO OPERATE
CHEMOIL TERMINALS CORP, CARSON TERMINAL**

PERMIT TO OPERATE

**Permit No. G36993
A/N 570363**

Equipment Description:

CRUDE-OIL HEATING AND CIRCULATION SYSTEM CONSISTING OF:

1. TWO EXCHANGERS, SHELL AND TUBE
2. CRUDE-OIL CIRCULATION PUMP, WITH MECHANICAL SEAL AND 60 HP MOTOR

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]

Periodic Monitoring: NONE

Emissions and Requirements: NONE

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36994
A/N 570364

Equipment Description:

STORAGE TANK NO. 50001, CAPACITY 50,000 BARRELS, 88'-6" DIA. X 48'-0" H., WELDED SHELL, INTERNAL FLOATING ROOF PAN, WITH A SHOE TYPE SEAL

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL TO ENSURE COMPLIANCE WITH THIS CONDITION.
[RULE 463, RULE 1178]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 1,496,500 BARRELS IN ANY ONE CALENDAR YEAR.
[RULE 1303(b)(2) - OFFSET, 1313(g) - EMISSION LIMITATION]
5. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TYPE OF LIQUID STORED, THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITION.
[RULE 463, 40 CFR 60 SUBPART Kb]

Periodic Monitoring: NONE

**FACILITY PERMIT TO OPERATE
CHEMOIL TERMINALS CORP, CARSON TERMINAL**

Emissions and Requirements:

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

VOC/TOC: 40 CFR 60 SUBPART Kb
VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36995
A/N 570365

Equipment Description:

STORAGE TANK NO. 50002, CAPACITY 50,000 BARRELS, 88'-6" DIA. X 48'-0" H., WELDED SHELL, INTERNAL FLOATING ROOF PAN, WITH A SHOE TYPE SEAL

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL TO ENSURE COMPLIANCE WITH THIS CONDITION.
[RULE 463, RULE 1178]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 1,496,500 BARRELS IN ANY ONE CALENDAR YEAR.
[RULE 1303(b)(2) - OFFSET, 1313(g) - EMISSION LIMITATION]
5. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
TYPE OF LIQUID STORED, THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITION.
[RULE 463, 40 CFR 60 SUBPART Kb]

Periodic Monitoring: NONE

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

Emissions and Requirements:

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

VOC/TOC:	40 CFR 60 SUBPART Kb
VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36996
A/N 570366

Equipment Description:

STORAGE TANK NO. 50003, CAPACITY 50,000 BARRELS, 88'-6" DIA. X 48'-0" H., WITH FIXED ROOF, EQUIPPED WITH INTERNAL FLOATING ROOF PAN WITH A SHOE TYPE PRIMARY 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. THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUIDS HAVING A VAPOR PRESSURE OF 6.2 PSIA OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 1303(b)(2) - OFFSET, 1313(g) - EMISSION LIMITATION]
4. THE OPERATOR SHALL ONLY USE GASOLINE AND CRUDE OIL IN THIS EQUIPMENT.
[RULE 1303(b)(2) - OFFSET, 1313(g) - EMISSION LIMITATION]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL TO ENSURE COMPLIANCE WITH THIS CONDITION.
[RULE 463, RULE 1178]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 1,496,500 BARRELS IN ANY ONE CALENDAR YEAR.
[RULE 1303(b)(2) - OFFSET, 1313(g) - EMISSION LIMITATION]
7. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
TYPE OF LIQUID STORED, THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITION.
[RULE 463, 40 CFR 60 SUBPART Kb]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOCTOC:	40 CFR 60 SUBPART Kb
VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36997
A/N 570367

Equipment Description:

STORAGE TANK NO. 100,005, CAPACITY 100,000 BARRELS, 125'-0" DIA. X 48'-0" H., WITH A FIXED ROOF, AND EQUIPPED WITH WELDED INTERNAL FLOATING ROOF WITH LIQUID MOUNTED PRIMARY AND RIM MOUNTED SECONDARY SEALS

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 TANK SHALL NOT BE USED FOR STORING PETROLEUM LIQUIDS HAVING A VAPOR PRESSURE GREATER THAN 7 PSIA UNDER ACTUAL STORAGE CONDITIONS.
[RULE 1303(b)(2) - OFFSET, 1313(g) - EMISSION LIMITATION]
4. GAUGE HATCHES SHALL BE KEPT CLOSED EXCEPT DURING ACTUAL GAUGING OPERATIONS.
[RULE 463]
5. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 3,600,000 BARRELS IN ANY ONE CALENDAR YEAR.
[RULE 1303(b)(2) - OFFSET, 1313(g) - EMISSION LIMITATION]
6. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TYPE OF LIQUID STORED, THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITION.
[RULE 463, 40 CFR 60 SUBPART Kb]
7. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL TO ENSURE COMPLIANCE WITH THIS CONDITION.
[RULE 463, RULE 1178]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC/TOC:	40 CFR 60 SUBPART Kb
VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178

**FACILITY PERMIT TO OPERATE
CHEMOIL TERMINALS CORP, CARSON TERMINAL**

PERMIT TO OPERATE

**Permit No. G36998
A/N 570368**

Equipment Description:

STORAGE TANK NO. 100,006, CAPACITY 100,000 BARRELS, 125'-0" DIA. X 48'-0" H., WITH A FIXED ROOF, AND EQUIPPED WITH WELDED INTERNAL FLOATING ROOF WITH LIQUID MOUNTED PRIMARY AND RIM MOUNTED SECONDARY SEALS

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 TANK SHALL NOT BE USED FOR STORING PETROLEUM LIQUIDS HAVING A VAPOR PRESSURE GREATER THAN 7 PSIA UNDER ACTUAL STORAGE CONDITIONS.
[RULE 1303(b)(2) - OFFSET, 1313(g) – EMISSION LIMITATION]
4. GAUGE HATCHES SHALL BE KEPT CLOSED EXCEPT DURING ACTUAL GAUGING OPERATIONS.
[RULE 463]
5. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 3,600,000 BARRELS IN ANY ONE CALENDAR YEAR.
[RULE 1303(b)(2) - OFFSET, 1313(g) – EMISSION LIMITATION]
6. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
TYPE OF LIQUID STORED, THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITION.
[RULE 463, 40 CFR 60 SUBPART Kb]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

7. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL TO ENSURE COMPLIANCE WITH THIS CONDITION.
[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/TOC:	40 CFR 60 SUBPART Kb
VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

PERMIT TO OPERATE

Permit No. G36999
A/N 570369

Equipment Description:

VAPOR RECOVERY AND DISPOSAL SYSTEM SERVING TANK TRUCK LOADING RACKS NOS. 1, 2, 3 & 4
CONSISTING OF:

1. VAPOR COLLECTION BLADDER, 51'-4" DIA., 75,000 CUBIC FEET CAPACITY, WITH A 6 INCH VAPOR GATHERING LINE AND AN AIR BLOWER.
2. TANK DEGASSING NOZZLE CONNECTION.
3. VAPOR BLOWER, EG&G ROTRON MODEL EN 454, 100 SCFM.
4. THERMAL OXIDIZER, SHIP & SHORE, MODEL 4.3KSGT0150, DIRECT GAS-FIRED, 7.28 MMBTU/HR, WITH A 6'-7" DIA. X 28'-7" H. COMBUSTION STACK

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 THERMAL OXIDIZER SHALL BE FIRED ON NATURAL GAS AS AUXILIARY FUEL.
[RULE 1303(a)(1) - BACT]
4. THE OPERATOR SHALL CONDUCT SOURCE TESTS IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
 - A. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE APPROVED SOURCE TEST PROTOCOL WHICH SHALL BE SUBMITTED TO THE DISTRICT 60 DAYS PRIOR TO THE PROPOSED TEST DATE.
 - B. THE TEST SHALL BE CONDUCTED TO DEMONSTRATE COMPLIANCE WITH RULE 462.
 - C. THE TEST SHALL BE CONDUCTED TO DETERMINE THE FLOW RATE IN LB/HR OF THE VOC IN THE INLET GAS STREAM OF THE THERMAL OXIDIZER.

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

- D. THE TEST SHALL BE CONDUCTED TO DETERMINE THE EMISSION RATES OF VOC, NOX, SOX, CO AND PERCENT EXCESS OXYGEN AT THE EXHAUST OF THE THERMAL OXIDIZER.
- E. THE TEST SHALL BE CONDUCTED AT LEAST ONCE EVERY 60 CALENDAR MONTHS YEARS TO ENSURE COMPLIANCE WITH THE EMISSION LIMIT OF 0.08 LB/1000 GALS. ORGANIC LIQUID LOADED.
- 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 45 DAYS AFTER THE SOURCE TEST WAS CONDUCTED.
- H. EMISSION DATA SHALL BE EXPRESSED IN TERMS OF CONCENTRATION (PPMV) CORRECTED TO 3 PERCENT OXYGEN (DRY BASIS), MASS RATE (LB/HR), AND LBS/MM CUBIC FEET. IN ADDITION, SOLID PM EMISSIONS, IF REQUIRED TO BE TESTED, SHALL ALSO BE REPORTED IN GRAINS PER DSCF.
- I. ALL EXHAUST FLOW RATE SHALL BE EXPRESSED IN TERMS OF DRY STANDARD CUBIC FEET PER MINUTE (DSCFM) AND DRY ACTUAL CUBIC FEET PER MINUTE (DACFM).
- J. SOURCE TEST RESULTS SHALL ALSO INCLUDE OPERATING CONDITIONS OF THE EQUIPMENT UNDER WHICH THE TEST WAS CONDUCTED.
[RULE 462, RULE 1303 (b) (2) - OFFSET, RULE 1303(c)(1)-BACT]
- 5. THE OPERATOR SHALL KEEP RECORDS ON SITE TO SHOW COMPLIANCE WITH CONDITION 6.
[RULE 1303 (a) (1) – BACT, RULE 462]
- 6. THE THERMAL OXIDIZER SHALL NOT USE MORE THAN 5,061,333 CUBIC FEET OF NATURAL GAS IN ANY ONE CALENDAR MONTH.
[RULE 1303 (b) (2) - OFFSET, 1313(g) – EMISSION LIMITATION]

Periodic Monitoring:

- 7. THE OPERATOR SHALL MAINTAIN TEMPERATURE OF NOT LESS THAN 1400 DEGREES FAHRENHEIT IN THE VAPOR COMBUSTION UNIT AT ALL TIMES DURING VAPOR COMBUSTION.
[RULE 1303 (a) (1) - BACT, RULE 462, RULE 3004 (a) (4) -PERIODIC MONITORING]
- 8. THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE GAUGE TO ACCURATELY INDICATE THE TEMPERATURE IN THE COMBUSTION CHAMBER.
[RULE 1303 (a) (1) - BACT, RULE 462, RULE 3004 (a) (4) -PERIODIC MONITORING]
- 9. THE OPERATOR SHALL MAINTAIN THE RECORDER INSTALLED TO RECORD THE TEMPERATURE OF THE EXHAUST GAS IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH AN APPROVED CMS PLAN, UNLESS OTHERWISE NOTED BELOW.
[RULE 1303 (a) (1) - BACT, RULE 462, RULE 3004 (a) (4) -PERIODIC MONITORING]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

10. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:

THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL HAVE AN ACCURACY OF WITHIN 1% OF THE TEMPERATURE BEING MONITORED AND SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS USING AN APPLICABLE AQMD OR EPA APPROVED METHOD.

FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 1400 DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 1400 DEGREES FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.

ALL DEVIATIONS SHALL BE REPORTED TO THE SCAQMD ON A SEMI-ANNUAL BASIS PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITIONS NOS. 22 AND 23 OF SECTION K OF THIS PERMIT. THE SEMI-ANNUAL MONITORING REPORT SHALL INCLUDE THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE SCAQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE SCAQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.

THE OPERATOR SHALL INSPECT AND MAINTAIN ALL COMPONENTS OF THIS EQUIPMENT ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE SCAQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS. [RULE 1303(a)(1) BACT, 3004(a)(4) PERIODIC MONITORING, 40CFR PART 64]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

Emissions and Requirements:

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

CO:	2000 PPMV RULE 407
CO:	8 LBS/DAY RULE 1303 (b) (2) - OFFSET, 1313(g) – EMISSION LIMITATION
NOx:	22 LBS/DAY RULE 1303 (b) (2) - OFFSET, 1313(g) – EMISSION LIMITATION
PM	0.1 GRAINS/SCF RULE 409
PM:	RULE 404 (SEE APPENDIX B FOR EMISSION LIMITS)
VOC:	0.08 LB/ 1000 GAL. ORGANIC LIQUID LOADED RULE 462, RULE 1303 (b) (2) - OFFSET, 1313(g) – EMISSION LIMITATION
VOC/TOC:	35 MG/L GASOLINE LOADED 40 CFR 60 SUBPART XX

**FACILITY PERMIT TO OPERATE
CHEMOIL TERMINALS CORP, CARSON TERMINAL**

PERMIT TO OPERATE

**Permit No. G37000
A/N 570370**

Equipment Description:

TANK TRUCK UNLOADING, CRUDE/PETROLEUM PRODUCTS, CONSISTING OF:

SPOT 3A

1. TWO 4" TRUCK CONNECTIONS
2. UNLOADING PUMP, 20 HP, MECHANICAL SEAL

SPOT 3B

1. TWO 4" TRUCK CONNECTIONS
2. UNLOADING PUMP, 25 HP, MECHANICAL 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. THIS EQUIPMENT SHALL BE USED FOR TANK TRUCK UNLOADING ONLY.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements: NONE

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

RULE 219 EQUIPMENT

Equipment Description:

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

Conditions:

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

FOR ARCHITECTURAL APPLICATIONS WHERE NO THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN SEMI-ANNUAL RECORDS OF ALL COATINGS CONSISTING OF (A) COATING TYPE, (B) VOC CONTENT AS SUPPLIED IN GRAMS PER LITER (g/l) OF MATERIALS FOR LOW-SOLIDS COATINGS, (C) VOC CONTENT AS SUPPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.

FOR OTHER ARCHITECTURAL APPLICATIONS WHERE THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN DAILY RECORDS FOR EACH COATING CONSISTING OF (A) COATING TYPE, (B) VOC CONTENT AS APPLIED IN GRAMS PER LITER (g/l) OF MATERIALS USED FOR LOW-SOLIDS COATINGS (C) VOC CONTENT AS APPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.

[RULE 1113, RULE 109]

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 CHEMOIL TERMINALS CORP, CARSON TERMINAL

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATIONS.

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
CHEMOIL TERMINALS CORP, CARSON TERMINAL**

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS

Emissions and Requirements:

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

TOC: RULE 1415

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

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 SCAQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes 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 CHEMOIL TERMINALS CORP, CARSON TERMINAL

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 SCAQMD 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 SCAQMD 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 (SO₂) 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 (CO₂) at standard conditions and averaged over a minimum of 15 consecutive minutes. [409]

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

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 (O₂) 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 SCAQMD, provide a source test protocol to SCAQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by SCAQMD. 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 SCAQMD rules or equipment-specific conditions. The report shall contain the following information: [204]
 - a. The results of the source test.

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

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 SCAQMD 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, SCAQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, SCAQMD, 21865 Copley Drive, Diamond Bar, CA 91765-4178. [204]

**FACILITY PERMIT TO OPERATE
CHEMOIL TERMINALS CORP, CARSON TERMINAL**

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

NOT APPLICABLE

**FACILITY PERMIT TO OPERATE
CHEMOIL TERMINALS CORP, CARSON TERMINAL**

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

NOT APPLICABLE

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

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
574155	462
574324	463
576588	Part 64

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.



**RULE 462 CONTINUOUS MONITORING SYSTEM (CMS) COMPLIANCE PLAN
FACILITY ID 178770 - CHEMOIL TERMINALS CORP, CARSON TERMINAL**

LEGAL OWNER OR OPERATOR Chemoil Terminals Corp, Carson Terminal

FACILITY LOCATION 2365 E. Sepulveda Boulevard
Carson, CA 90810

COMPLIANCE OPTION Code of Federal Regulations Title 40 Part 63 Subpart R Section 63.427, and
Code of Federal Regulations Title 40 Part 60 Appendix B, as applicable

MAILING ADDRESS 2365 E. Sepulveda Boulevard
Carson, CA 90810

ADMINISTRATIVE REQUIREMENTS

This facility shall be subject to the terms and conditions of this compliance plan unless this plan is suspended, revoked, modified, reissued, or denied. Failure to maintain a valid plan is a violation of AQMD Rule 462.

It is the responsibility of the facility to comply with other District Rules and Regulations and with all laws, ordinances and regulations of other government agencies which are applicable to the operation of this equipment. A copy of this compliance plan shall be posted in the vicinity of the subject equipment.

This plan 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 and Regulations of the AQMD. This plan cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other government agencies.

CONTINUOUS MONITORING SYSTEM (CMS) EQUIPMENT

THERMOCOUPLE, TYPE K, AND CIRCULAR CHART RECORDER, HONEYWELL, SERVING A SHIP & SHORE THERMAL OXIDIZER, 7.28 MMBTU/HR.

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 thermocouple shall be located at a position corresponding to no less than 146 cubic feet downstream of the burner and within the exhaust stack of the thermal oxidizer to accurately measure the temperature of the exhaust gas.
3. The operator shall maintain a digital readout of the temperature of the thermal oxidizer exhaust gas in a location accessible to district personnel.



RULE 462 CONTINUOUS MONITORING SYSTEM (CMS) COMPLIANCE PLAN
FACILITY ID 178770 - CHEMOIL TERMINALS CORP, CARSON TERMINAL

4. The operator shall calibrate the thermocouple/chart recorder once a year, in accordance with manufacture's specifications, such that the overall accuracy is within +/-1% of the actual value or +/-2.2 degrees Celsius, whichever is greater.
5. The operator shall ensure that the CMS is properly maintained and kept in good operating condition at all times and that it meets applicable requirements of 40 CFR 63.427.
6. 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.
7. The range of the strip chart recorder shall be set such that the minimum combustion temperature, stated in the Permit to Construct or Permit to Operate issued for the air pollution control system, is between 30% and 90% full scale.
8. 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.
9. The operator shall keep records on site to show compliance with conditions required by this plan. Such records shall be kept for at least five years and made available to District personnel upon request.



Rule 463 Inspection and Maintenance Plan Approval
Facility ID : 178770 - Company Name : Chemoil Terminals Corp, Carson Terminal

LEGAL OWNER OR OPERATOR Chemoil Terminals Corp, Carson Terminal

FACILITY LOCATION 2365 E. Sepulveda Boulevard, Carson, CA 90810

MAILING ADDRESS Same

ADMINISTRATIVE REQUIREMENTS

This facility shall be subject to the terms and conditions of this plan unless this plan is suspended, revoked, modified, reissued or denied. Failure to maintain a valid plan is a violation of Rule 463.

It is the responsibility of the facility to comply with other District Rules and Regulations and with all laws, ordinances and regulations of other government agencies which are applicable to the operation of the equipment.

This plan 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 and Regulations of the AQMD. This plan cannot be considered as permission to violate existing laws, ordinances, regulation, or statutes of the other governmental agencies.

RULE 463 EQUIPMENT

Floating Roof Tanks as listed in submitted plan.

CONDITIONS

1. The operator shall conduct the operation of the storage equipment in compliance with all data and specifications submitted with the plan application under which this approval is granted.
2. Floating roof tank seals shall be properly installed and continuously maintained in good operating condition.

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

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
CHEMOIL TERMINALS CORP, CARSON TERMINAL**

**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 CHEMOIL TERMINALS CORP, CARSON TERMINAL

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 CHEMOIL TERMINALS CORP, CARSON TERMINAL

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 CHEMOIL TERMINALS CORP, CARSON TERMINAL

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 CHEMOIL TERMINALS CORP, CARSON TERMINAL

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 CHEMOIL TERMINALS CORP, CARSON TERMINAL

SECTION K: TITLE V Administration EMERGENCY PROVISIONS

17. An emergency¹ 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]

¹ "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 CHEMOIL TERMINALS CORP, CARSON TERMINAL

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 CHEMOIL TERMINALS CORP, CARSON TERMINAL

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
CHEMOIL TERMINALS CORP, CARSON TERMINAL**

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 CHEMOIL TERMINALS CORP, CARSON TERMINAL

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.

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 109	5-2-2003	Federally enforceable
RULE 1113	6-3-2011	Federally enforceable
RULE 1113	9-6-2013	Non federally enforceable
RULE 1149	5-2-2008	Federally enforceable
RULE 1171	11-7-2003	Federally enforceable
RULE 1178	12-21-2001	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 1313(g)	12-7-1995	Federally enforceable
RULE 1401	6-5-2015	Non federally enforceable
RULE 1402	3-4-2005	Non federally enforceable
RULE 1415	12-3-2010	Non federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 217	1-5-1990	Federally enforceable
RULE 219	5-3-2013	Non federally enforceable
RULE 219	9-4-1981	Federally enforceable
RULE 3002	11-14-1997	Federally enforceable
RULE 3002	11-5-2010	Non federally enforceable
RULE 3003	11-14-1997	Federally enforceable

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP, CARSON TERMINAL

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RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
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
RULE 3005	11-5-2010	Non federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 301	5-1-2015	Non federally enforceable
RULE 304	5-11-2001	Non federally enforceable
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 402	5-7-1976	Non federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 462	5-14-1999	Federally enforceable
RULE 463	11-4-2011	Federally enforceable
RULE 463	3-11-1994	Federally enforceable
RULE 463	5-6-2005	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 701	6-13-1997	Federally enforceable
40CFR 60 Subpart K	10-17-2000	Federally enforceable
40CFR 60 Subpart Ka	12-14-2000	Federally enforceable
40CFR 60 Subpart Kb	10-15-2003	Federally enforceable
40CFR 60 Subpart XX	12-19-2003	Federally enforceable
40CFR 63 Subpart BBBB	1-10-2008	Federally enforceable
40CFR 63 Subpart R, #2 (Minor Sources)	12-19-2003	Federally enforceable

**FACILITY PERMIT TO OPERATE
CHEMOIL TERMINALS CORP, CARSON TERMINAL**

SECTION K: TITLE V Administration

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
40CFR Part 64	10-22-1997	Federally enforceable

**FACILITY PERMIT TO OPERATE
CHEMOIL TERMINALS CORP, CARSON TERMINAL**

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

NONE

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP. CARSON TERMINAL

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 06-03-2011]

- (1) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6) of Rule 1113, no person shall supply, sell, offer for sale, market, manufacture, blend, repackage, apply, store at a worksite, or solicit the application of any architectural coating within the District:
 - (A) That is listed in the Table of Standards 1 and 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; or
 - (B) That is not listed in the Table of Standards 1, and contains VOC (excluding any colorant added to tint bases) in excess of 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, until January 1, 2014, at which time the limit drops to 50 grams of VOC per liter of coating, less water, less exempt compounds (0.42 pounds per gallon).
- (2) No person within the District shall add colorant at the point of sale that is listed in the Table of Standards 2 and contains VOC in excess of the corresponding VOC limit specified in the Table of Standards 2, after the effective date specified.

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP. CARSON TERMINAL

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 06-03-2011]

TABLE OF STANDARDS 1 VOC LIMITS

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

COATING CATEGORY	Ceiling Limit ¹	Current Limit ²	Effective Date		
			7/1/08	1/1/12	1/1/14
Bond Breakers		350			
Clear Wood Finishes		275			
Varnish	350	275			
Sanding Sealers	350	275			
Lacquer		275			
Concrete-Curing Compounds		100			
Concrete-Curing Compounds For Roadways and Bridges ³		350			
Concrete Surface Retarder		250			50
Driveway Sealer		100		50	
Dry-Fog Coatings		150			50
Faux Finishing Coatings					
Clear Topcoat		350		200	
Decorative Coatings		350			100
Glazes		350			
Japan		350			
Trowel Applied Coatings		350		150	50
Fire-Proofing Coatings		350			150
Flats	250	50	50		
Floor Coatings	100	50			
Form Release Compound		250			100
Graphic Arts (Sign) Coatings		500			150
Industrial Maintenance (IM) Coatings	420	100			
High Temperature IM Coatings		420			
Non-Sacrificial Anti-Graffiti Coatings		100			
Zinc-Rich IM Primers	340	100			
Magnesite Cement Coatings		450			
Mastic Coatings		300			100
Metallic Pigmented Coatings	500	500			150
Multi-Color Coatings		250			
Nonflat Coatings	150	50			
Pre-Treatment Wash Primers		420			
Primers, Sealers, and Undercoaters	200	100			
Reactive Penetrating Sealers		350			
Recycled Coatings		250			
Roof Coatings	250	50			
Roof Coatings, Aluminum		100			

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP. CARSON TERMINAL

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 06-03-2011]

Roof Primers, Bituminous	350	350		
Rust Preventative Coatings	400	100		
Stone Consolidant		450		
Sacrificial Anti-Graffiti Coatings		100	50	
Shellac				
Clear		730		
Pigmented		550		
Specialty Primers	350	100		
Stains		100		

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP. CARSON TERMINAL

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 06-03-2011]

COATING CATEGORY	Ceiling Limit ¹	Current Limit ²	Effective Date		
			7/1/08	1/1/12	1/1/14
Stains, Interior	250	250			
Swimming Pool Coatings					
Repair		340			
Other		340			
Traffic Coatings		100			
Waterproofing Sealers	250	100			
Waterproofing Concrete/Masonry Sealers	400	100			
Wood Preservatives		350			

1. The specified ceiling limits are applicable to products sold under the Averaging Compliance Option.
2. The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.
3. Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

TABLE OF STANDARDS 1 (cont.) VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

TABLE OF STANDARDS 2 VOC LIMITS FOR COLORANTS

Grams of VOC Per Liter of Colorant Less Water and Less Exempt Compounds

COLORANT	Limit ⁴
Architectural Coatings, excluding IM Coatings	50
Solvent-Based IM	600
Waterborne IM	50

4. Effective January 1, 2014.

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP. CARSON TERMINAL

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 09-06-2013]

- (1) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, market, manufacture, blend, repackage, apply, store at a worksite, or solid the application of any architectural coating within in the District:
 - (A) That is listed in the Table of Standards 1 and 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; or
 - (B) That is not listed in the Table of Standards 1, and contains VOC (excluding any colorant added to tint bases) in excess of 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, until January 1, 2014, at which time the limit drops to 50 grams of VOC per liter of coating, less water, less exempt compounds (0.42 pounds per gallon).
- (2) No person within the District shall add colorant at the point of sale that is listed in the Table of Standards 2 and contains VOC in excess of the corresponding VOC limit specified in the Table of Standards 2, after the effective date specified.

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP. CARSON TERMINAL

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 09-06-2013] TABLE OF STANDARDS 1 VOC LIMITS

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

COATING CATEGORY	Ceiling Limit ¹	Current Limit ²	Effective Date		
			7/1/08	1/1/12	1/1/14
Bond Breakers		350			
Clear Wood Finishes		275			
Varnish	350	275			
Sanding Sealers	350	275			
Lacquer		275			
Concrete-Curing Compounds		100			
Concrete-Curing Compounds For Roadways and Bridges ³		350			
Concrete Surface Retarder		250			50
Driveway Sealer		100		50	
Dry-Fog Coatings		150			50
Faux Finishing Coatings					
Clear Topcoat		350		200	100
Decorative Coatings		350			
Glazes		350			
Japan		350			
Trowel Applied Coatings		350		150	50
Fire-Proofing Coatings		350			150
Flats	250	50	50		
Floor Coatings	100	50			
Form Release Compound		250			100
Graphic Arts (Sign) Coatings		500			150
Industrial Maintenance (IM) Coatings	420	100			
High Temperature IM Coatings		420			
Non-Sacrificial Anti-Graffiti Coatings		100			
Zinc-Rich IM Primers		100			
Magnesite Cement Coatings		450			
Mastic Coatings		300			100
Metallic Pigmented Coatings	500	500			150
Multi-Color Coatings		250			
Nonflat Coatings	150	50			
Pre-Treatment Wash Primers		420			
Primers, Sealers, and Undercoaters		100			
Reactive Penetrating Sealers		350			

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP. CARSON TERMINAL

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 09-06-2013]

Recycled Coatings		250		
Roof Coatings		50		
Roof Coatings, Aluminum		100		
Roof Primers, Bituminous		350		
Rust Preventative Coatings	400	100		
Sacrificial Anti-Graffiti Coatings		100	50	
Shellac				
Clear		730		

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP. CARSON TERMINAL

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 09-06-2013]

COATING CATEGORY	Ceiling Limit ¹	Current Limit ²	Effective Date		
			7/1/08	1/1/12	1/1/14
Pigmented		550			
Specialty Primers		100			
Stains	350	100			
Stains, Interior	250	250			
Stone Consolidant		450			
Swimming Pool Coatings					
Repair		340			
Other		340			
Traffic Coatings		100			
Waterproofing Sealers		100			
Waterproofing Concrete/Masonry Sealers		100			
Wood Preservatives		350			

- 1 The specified ceiling limits are applicable to products sold under the Averaging Compliance Option.
- 2 The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.
3. Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

TABLE OF STANDARDS 1 (cont.) VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

TABLE OF STANDARDS 2 VOC LIMITS FOR COLORANTS

Grams of VOC Per Liter of Colorant Less Water and Less Exempt Compounds

COLORANT ADDED TO	Limit ⁴
Architectural Coatings, excluding IM Coatings	50
Solvent-Based IM	600
Waterborne IM	50

4. Effective January 1, 2014.

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP. CARSON TERMINAL

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 CHEMOIL TERMINALS CORP. CARSON TERMINAL

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
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**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 CHEMOIL TERMINALS CORP. CARSON TERMINAL

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 05-06-2005]

(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 7/1/2005*	Effective 7/1/2006
	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	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	25 (0.21)		
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)	100 (0.83)	
(iii) Medical Devices & Pharmaceuticals			

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP. CARSON TERMINAL

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 05-06-2005]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS*	Effective 7/1/2005*	Effective 7/1/2006
	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(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	25 (0.21)		
(ii) Flexographic Printing	25 (0.21)		
(iii) Gravure Printing			
(A) Publication	750 (6.3)	100 (0.83)	
(B) Packaging	25 (0.21)		
(iv) Lithographic or Letter Press Printing			
(A) Roller Wash – Step 1	600 (5.0)	500 (4.2)	100 (0.83)
(B) Roller Wash-Step 2, Blanket Wash, & On-Press Components	800 (6.7)	500 (4.2)	100 (0.83)

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APPENDIX B: RULE EMISSION LIMITS [RULE 1171 05-06-2005]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS*	Effective 7/1/2005*	Effective 7/1/2006
	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(C) Removable Press Components	25 (0.21)		
(v) Screen Printing	750 (6.3)	500 (4.2)	100 (0.83)
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	800 (6.7)	500 (4.2)	100 (0.83)
(vii) Specialty Flexographic Printing	600 (5.0)	100 (0.83)	
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)		

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

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP. CARSON TERMINAL

APPENDIX B: RULE EMISSION LIMITS [RULE 404 02-07-1986]

The operator shall not discharge into the atmosphere from this equipment, particulate matter in excess of the concentration at standard conditions, shown in Table 404(a).

Where the volume discharged is between figures listed in the Table, the exact concentration permitted to be discharged shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

TABLE 404(a)

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
		Milligrams per Cubic Meter	Grains per Cubic Foot			Milligrams per Cubic Meter	Grains per Cubic Foot
Cubic meters Per Minute	Cubic feet Per Minute			Cubic meters Per Minute	Cubic feet Per Minute		
25 or less	883 or less	450	0.196	900	31780	118	0.0515
30	1059	420	.183	1000	35310	113	.0493
35	1236	397	.173	1100	38850	109	.0476
40	1413	377	.165	1200	42380	106	.0463
45	1589	361	.158	1300	45910	102	.0445

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP. CARSON TERMINAL

APPENDIX B: RULE EMISSION LIMITS [RULE 404 02-07-1986]

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter ¹ Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
		Milligrams per Cubic Meter	Grains per Cubic Foot			Milligrams per Cubic Meter	Grains per Cubic Foot
Cubic meters Per Minute	Cubic feet Per Minute			Cubic meters Per Minute	Cubic feet Per Minute		
50	1766	347	.152	1400	49440	100	.0437
60	2119	324	.141	1500	52970	97	.0424
70	2472	306	.134	1750	61800	92	.0402
80	2825	291	.127	2000	70630	87	.0380
90	3178	279	.122	2250	79460	83	.0362
100	3531	267	.117	2500	88290	80	.0349
125	4414	246	.107	3000	105900	75	.0327
150	5297	230	.100	4000	141300	67	.0293
175	6180	217	.0947	5000	176600	62	.0271
200	7063	206	.0900	6000	211900	58	.0253
250	8829	190	.0830	8000	282500	52	.0227
300	10590	177	.0773	10000	353100	48	.0210
350	12360	167	.0730	15000	529700	41	.0179
400	14130	159	.0694	20000	706300	37	.0162
450	15890	152	.0664	25000	882900	34	.0148

FACILITY PERMIT TO OPERATE CHEMOIL TERMINALS CORP. CARSON TERMINAL

APPENDIX B: RULE EMISSION LIMITS [RULE 404 02-07-1986]

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
		Milligrams per Cubic Meter	Grains per Cubic Foot			Milligrams per Cubic Meter	Grains per Cubic Foot
Cubic meters Per Minute	Cubic feet Per Minute			Cubic meters Per Minute	Cubic feet Per Minute		
500	17660	146	.0637	30000	1059000	32	.0140
600	21190	137	.0598	40000	1413000	28	.0122
700	24720	129	.0563	50000	1766000	26	.0114
800	28250	123	.0537	70000 or more	2472000 or more	23	.0100