

## **FACILITY PERMIT TO OPERATE TED LEVINE DRUM COMPANY**

### **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 Construct and 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 that the equipment is subject to. Also included is 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 CONSTRUCT AND PERMITS TO OPERATE AT THIS FACILITY:

<b>Application number</b>	<b>Permit to Operate number</b>	<b>Equipment description</b>
247334	D60465	BOILER(5-20 MMBTU/HR) NAT GAS ONLY
274766	D79611	SCRUBBER, OTHER VENTING S.S.
339734	F27257	BOILER(5-20 MMBTU/HR) NAT GAS ONLY
346906	F45309	TANK, SURFACE PREP
346907	F45310	SCRUBBER
361709	F45311	TANK, SURFACE PREP
404650	F66256	SPRAY BOOTH / THERMAL OXIDIZER
423887	F65975	SOIL VAPOR EXTRACTION/TREATMENT
474820	G6481	BOILER (5-20 MMBTU/HR) NAT GAS ONLY
515541		SPRAY BOOTH / THERMAL OXIDIZER
521334	Modification to F27257	BOILER(5-20 MMBTU/HR) NAT GAS ONLY

**NOTE:** EQUIPMENT LISTED ABOVE THAT HAVE NO CORRESPONDING PERMITS TO OPERATE NUMBER ARE ISSUED PERMITS TO CONSTRUCT. THE ISSUANCE OR DENIAL OF THEIR PERMITS TO OPERATE IS SUBJECT TO ENGINEERING FINAL REVIEW. ANY OTHER APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT OR PERMITS TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT.

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

**Condition(s):**

1. EXCEPT FOR OPEN ABRASIVE BLASTING OPERATIONS, THE OPERATOR SHALL NOT DISCHARGE INTO THE ATMOSPHERE FROM ANY SINGLE SOURCE OF EMISSIONS WHATSOEVER ANY AIR CONTAMINANT FOR A PERIOD OR PERIODS AGGREGATING MORE THAN THREE MINUTES IN ANY ONE HOUR WHICH IS:
  - A. AS DARK OR DARKER IN SHADE AS THAT DESIGNATED NO. 1 ON THE 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. ACCIDENTAL RELEASE PREVENTION REQUIREMENTS OF SECTION 112(r)(7):  
THE OPERATOR SHALL COMPLY WITH THE ACCIDENTAL RELEASE PREVENTION REQUIREMENTS PURSUANT TO 40 CFR Part 68 AND SHALL SUBMIT TO THE EXECUTIVE OFFICER, AS PART OF ANNUAL COMPLIANCE CERTIFICATION, A STATEMENT THAT CERTIFIES COMPLIANCE WITH ALL THE REQUIREMENTS OF 40 CFR Part 68, INCLUDING THE REGISTRATION AND SUBMISSION OF A RISK MANAGEMENT PLAN (RMP).  
THE OPERATOR SHALL SUBMIT ANY ADDITIONAL RELEVANT INFORMATION REQUESTED BY THE EXECUTIVE OFFICER OR DESIGNATED AGENCY.  
[40 CFR68-ACCIDENTAL RELEASE PREVENTION]
4. TO MAINTAIN EXMPTION FROM THE NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAP) REQUIREMENTS, THE TOTAL QUANTITY OF HAZARDOUS AIR POLLUTANT (HAP) EMISSIONS FROM THIS FACILITY SHALL NOT EXCEED 10 TONS (20,000 POUNDS) OF A SINGLE HAP OR 25 TONS (50,000 POUNDS) OF A COMBINATION OF HAPS IN ANY TWELVE CALENDAR MONTH PERIOD.  
[40CFR63 SUBPART MMMM]
5. TO ENSURE COMPLIANCE WITH THE HAP(S) EMISSION CAPS, THE FACILITY OPERATOR SHALL:
  - (A) IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT AND THIS FACILITY TO VERIFY THE MONTHLY HAP EMISSIONS IN POUNDS AND THE HAP CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). THE RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT.
  - (B) WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, TOTAL AND RECORD HAP EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT AND OPERATIONS THAT ARE REQUIRED TO HAVE WRITTEN PERMITS OR ARE EXEMPT FROM WRITTEN PERMITS PURSUANT TO RULE 219. THE RECORD SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL. IT SHALL

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BE SIGNED AND CERTIFIED FOR ACCURACY BY THE HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES.

- (C) MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED HAP-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS.
- (D) RETAIN ALL PURCHASE INVOICES FOR ALL HAP-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE MANIFESTS FOR ALL WASTE HAP-CONTAINING MATERIAL REMOVED FROM THE FACILITY, FOR FIVE YEARS.

[40CFR63 SUBPART MMMM]

- 6. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE KEPT IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED AT THE FACILITY FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.

[RULE 109, 1303(b)(2)-OFFSET, 40CFR63 SUBPART MMMM]

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Permit No. D60465  
A/N 247334

#### Equipment Description:

BOILER #1, CONTINENTAL, 5.3-MMBTU/HR, NATURAL GAS FIRED, WITH POWER FLAME LOW-NOX BURNER, MODEL NO. LNC3-G-25B.

#### 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 BOILER SHALL BE FIRED WITH NATURAL GAS ONLY.  
[RULE 1303(a)(1)-BACT]
4. THE BURNER AND ITS ASSOCIATED AIR FUEL SYSTEM SHOULD BE ADJUSTED AT LEAST TWICE A YEAR IN THE FOLLOWING MANNER:
  - A. ACCORDING TO MANUFACTURER'S SPECIFICATION TO ENSURE COMPLIANCE WITH RULE 1146.
  - B. THE ADJUSTMENTS SHALL INCLUDE AT LEAST MEASUREMENTS OF EFFLUENT CO, NO<sub>2</sub>, AND O<sub>2</sub> CONCENTRATIONS BY USING A PORTABLE CHEMICAL CELL TYPE OR EQUIVALENT INSTRUMENT.
  - C. RECORDS OF SUCH ADJUSTMENTS, TUNE-UP, AND CALIBRATION AS STATED ABOVE SHALL BE KEPT FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT PERSONNEL UPON REQUEST  
[RULE 1146, 1303(a)(1)-BACT]
5. THIS EQUIPMENT SHALL BE REMOVED FROM SERVICE WHEN THE EQUIPMENT UNDER APPLICATION NO. 474820 BECOMES FULLY OPERATIONAL.  
[RULE 1303(b)(2)-OFFSET]

#### Periodic Monitoring:

6. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX EMISSION LIMIT(S) BY CONDUCTING A TEST AT LEAST ONCE EVERY FIVE YEARS USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD OR, IF NOT AVAILABLE, A NON-AQMD APPROVED TEST

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METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.  
[RULE 3004 (a)(4)]

7. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE CO EMISSION LIMIT(S) BY CONDUCTING A TEST AT LEAST ONCE EVERY FIVE YEARS USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD OR, IF NOT AVAILABLE, A NON-AQMD APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.  
[RULE 3004 (a)(4)]

### **Emissions And Requirements:**

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

CO: 400 PPMV, RULE 1146  
CO: 2000 PPMV, RULE 407  
NO<sub>x</sub>: 30 PPMV, RULE 1146  
PM: 0.1 GR/SCF, RULE 409

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### PERMIT TO OPERATE

Permit No. D79611  
A/N 274766

#### Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. SCRUBBER, VIRON, COUNTER CURRENT TYPE, 3'-8" W. X 11'-0" L. X 4'-8" H., WITH MIST ELIMINATOR, AND A 3/4 H.P. RECIRCULATING PUMP.
2. EXHAUST SYSTEM WITH A 5 H.P. BLOWER VENTING TWO FLUSH TANKS.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE FLUSH TANKS ARE VENTED ONLY TO THE AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.  
[RULE 1303(a)(1)-BACT]
4. NOT LESS THAN 0.8 GALLONS PER MINUTE OF MAKE-UP WATER SHALL BE ADDED TO THE SCRUBBER WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.  
[RULE 1303(a)(1)-BACT]
5. NOT LESS THAN 16 GALLONS PER MINUTE OF WATER SHALL BE SUPPLIED TO THE SCRUBBER SPRAY NOZZLES WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.  
[RULE 1303(a)(1)-BACT]
6. A FLOW METER, INDICATING GPM (AND A PRESSURE GAUGE, INDICATING PSI) SHALL BE INSTALLED IN THE WATER SUPPLY LINE TO THE SCRUBBER.  
[RULE 1303(a)(1)-BACT]

#### Periodic Monitoring:

7. THE OPERATOR SHALL INSTALL AND MAINTAIN A FLOW METER TO ACCURATELY INDICATE THE FLOW RATE OF THE SCRUBBING SOLUTION. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY DAY.  
[RULE 3004 (a)(4)]

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8. THE OPERATOR SHALL INSTALL AND MAINTAIN A pH METER TO ACCURATELY INDICATE THE pH OF THE SCRUBBING SOLUTION. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY DAY.  
[RULE 3004 (a)(4)]

**Emissions And Requirements:**

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULE AND REGULATION:  
  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## FACILITY PERMIT TO OPERATE TED LEVINE DRUM COMPANY

### PERMIT TO OPERATE

Permit No. F27257  
A/N 339734

#### Equipment Description:

BOILER, HOT WATER AND STEAM, CYCLOTHERM, SERIAL NO. 13950, 6.3-MMBTU/HR NATURAL GAS FIRED, WITH ONE GORDON PIATT LOW-NOX BURNER, MODEL NO. LNS 12.9-6-30-A, AND ONE FLUE GAS RECIRCULATION.

#### 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 BOILER SHALL BE FIRED WITH NATURAL GAS ONLY.  
[RULE 1303(a)(1)-BACT]
4. EMISSIONS FROM THIS BOILER SHALL NOT EXCEED MORE THAN 30 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO<sub>2</sub>, AND NO MORE THAN 400 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% O<sub>2</sub>.  
[RULE 1146, 1303(a)(1)-BACT]
5. THE BURNER'S AUTOMATIC CONTROL SYSTEM TO REGULATE COMBUSTION AIR, FUEL, AND RECIRCULATED FLUE GAS SHALL BE ADJUSTED AND TUNED AT LEAST TWICE A YEAR ACCORDING TO MANUFACTURER'S SPECIFICATIONS TO ASSURE ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RANGE.  
[RULE 1146, 1303(a)(1)-BACT]
6. RECORDS OF SUCH ADJUSTMENTS, TUNE-UP, AND CALIBRATION AS STATED ABOVE SHALL BE KEPT FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1146, 1303(a)(1)-BACT]
7. A MECHANICAL GAUGE SHALL BE MAINTAINED TO INDICATE THE AMOUNT OF FLUE GAS RECIRCULATED FROM THE EXHAUST GAS STACK TO THE BURNER.  
[RULE 1146, 1303(a)(1)-BACT]
8. THE AMOUNT OF FLUE GAS RECIRCULATED BACK TO THE BURNER SHALL BE AUTOMATICALLY REGULATED IN CONJUNCTION WITH THE COMBUSTION AIR AND FUEL.  
[RULE 1146, 1303(a)(1)-BACT]

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9. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.  
[RULE 1146, 1303(a)(1)-BACT]
10. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE TOTALIZING FUEL METER TO ACCURATELY INDICATE THE FUEL USAGE IN THE BOILER.  
[RULE 1303(b)(2)-OFFSET]

### **Periodic Monitoring:**

11. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX EMISSION LIMIT(S) BY CONDUCTING A TEST AT LEAST ONCE EVERY FIVE YEARS USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD OR, IF NOT AVAILABLE, A NON-AQMD APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.  
[RULE 3004 (a)(4)]
12. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE CO EMISSION LIMIT(S) BY CONDUCTING A TEST AT LEAST ONCE EVERY FIVE YEARS USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD OR, IF NOT AVAILABLE, A NON-AQMD APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.  
[RULE 3004 (a)(4)]

### **Emissions And Requirements:**

13. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
CO: 400 PPMV, RULE 1146  
CO: 2000 PPMV, RULE 407  
NOx: 30 PPMV, RULE 1146, 1303(a)(1)-BACT  
PM: 0.1 GR/SCF, RULE 409

## FACILITY PERMIT TO OPERATE TED LEVINE DRUM COMPANY

### PERMIT TO OPERATE

**Permit No. F45309**  
**A/N 346906**

#### **Equipment Description:**

CLOSED TOP DRUM RECONDITIONING LINE, CONSISTING OF:

1. INTERNAL DRUM FLUSH STATION WITH A SODIUM HYDROXIDE TANK, 3'-0" W. X 25'-0" L. X 3'-0" D., STEAM HEATED, WITH TWELVE ROTATING NOZZLES, VENTED TO THE SCRUBBER.
2. EXTERNAL DRUM STRIPPING STATION WITH A SODIUM HYDROXIDE TANK, 4'-0" W. X 16'-0" L. X 2'-4" D., STEAM HEATED, VENTED TO THE SCRUBBER.
3. SODIUM NITRITE SOLUTION TANK, 4'-0" W. X 14'-6" L. X 2'-4" D., STEAM HEATED.
4. ASSOCIATED RINSE TANKS.

#### **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. INTERNAL DRUM FLUSH STATION AND EXTERNAL DRUM STRIPPING STATION SHALL NOT BE OPERATED UNLESS THEY ARE VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A VALID OPERATING PERMIT BY THE EXECUTIVE OFFICER.  
[RULE 1303(a)(1)-BACT]
4. THE MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE I WITH AN EFFECTIVE DATE OF SEPTEMBER 8, 1998 OR EARLIER.  
[RULE 1401]
5. VOC CONTAINING MATERIALS SHALL NOT BE USED IN THIS EQUIPMENT.  
[RULE 1303(b)(2)-OFFSET]

## FACILITY PERMIT TO OPERATE TED LEVINE DRUM COMPANY

### PERMIT TO OPERATE

Permit No. F45310  
A/N 346907

#### Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. SCRUBBER, VIRON, PACKED BED TYPE, MODEL NO. VBS-60-PVC-7.5-36-S-1-E460-3-60, 5'-0" DIA. X 16'-0" H., WITH A 5 FOOT DEPTH OF JAEGER TRI-PACK PACKING, A MISTELIMINATOR, ONE 2 HP RECIRCULATION PUMP AND A CHEMICAL INJECTION SYSTEM WITH ONE 1/4 HP MIXING MOTOR, ONE 55 GALLON MIXING TANK, AND ONE AUTOMATIC pH SENSOR AND METERING PUMP.
2. EXHAUST SYSTEM WITH A 20 HP BLOWER VENTING AN INTERNAL DRUM FLUSH STATION AND AN EXTERNAL DRUM STRIPPING STATION.

#### 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. A FLOWMETER INDICATING THE FLOW RATE IN GALLONS PER MINUTE (GPM), SHALL BE INSTALLED IN THE RECIRCULATING SOLUTION LINE.  
[RULE 1303(a)(1)-BACT]
4. NOT LESS THAN 78 GPM OF SCRUBBING SOLUTION SHALL BE SUPPLIED TO THE SCRUBBER SPRAY NOZZLES WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.  
[RULE 1303(a)(1)-BACT]
5. A pH TRANSMITTER/ANALYZER, INDICATING pH SHALL BE INSTALLED ON OR NEXT TO THE SCRUBBER RECIRCULATION SUMP.  
[RULE 1303(a)(1)-BACT]
6. THE RECIRCULATING SOLUTION TO THE SCRUBBER SHALL BE MAINTAINED AT A pH OF 7.5 OR LOWER EXCEPT DURING CLEANING AND MAINTENANCE OF EQUIPMENT.  
[RULE 1303(a)(1)-BACT]

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7. A pH SENSOR SHALL BE INSTALLED IN THE SCRUBBING SOLUTION SUPPLY LINE BETWEEN THE SUMP AND THE SCRUBBING NOZZLES.  
[RULE 1303(a)(1)-BACT]

### **Periodic Monitoring:**

8. THE OPERATOR SHALL INSTALL AND MAINTAIN A FLOW METER TO ACCURATELY INDICATE THE FLOW RATE OF THE SCRUBBING SOLUTION. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY DAY.  
[RULE 3004 (a)(4)]
9. THE OPERATOR SHALL INSTALL AND MAINTAIN A pH METER TO ACCURATELY INDICATE THE pH OF THE SCRUBBING SOLUTION. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY DAY.  
[RULE 3004 (a)(4)]

### **Emissions And Requirements:**

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULE AND REGULATION:  
  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## FACILITY PERMIT TO OPERATE TED LEVINE DRUM COMPANY

### PERMIT TO OPERATE

Permit No. F45311  
A/N 361709

#### Equipment Description:

FLUSH DRUM CLEANING SYSTEM CONSISTING OF:

TWO FLUSH TANKS, CAUSTIC SOLUTION, EACH 2'-6" W. X 28'-0" L. X 2'-6" D., STEAM HEATED, WITH TWELVE FLASHER NOZZLES AND ONE 15 HP PUMP WITH ALL LINES VENTING TO A VIRON SCRUBBER.

#### 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. THESE TANKS SHALL NOT BE OPERATED UNLESS THEY ARE VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A VALID OPERATING PERMIT BY THE EXECUTIVE OFFICER.  
[RULE 1303(a)(1)-BACT]
4. THE MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE I WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER.  
[RULE 1401]
5. VOC CONTAINING MATERIALS SHALL NOT BE USED IN THIS EQUIPMENT.  
[RULE 1303(b)(2)-OFFSET]

## FACILITY PERMIT TO OPERATE TED LEVINE DRUM COMPANY

### PERMIT TO OPERATE

**Permit No. F66256  
A/N 404650**

#### **Equipment Description:**

COATING LINE, CONVEYORIZED, CONSISTING OF:

1. SPRAY BOOTH, 8'-0" W. X 7'-0" H. X 10'-0" D., WITH TWENTY 20" X 20" EXHAUST FILTERS, AND A 2 HP EXHAUST FAN.
2. DRYING TUNNEL.
3. AIR POLLUTION CONTROL SYSTEM CONSISTING OF:
  - A. THERMAL OXIDIZER, TELLKAMP SYSTEMS, HOT ROCK DUAL-BED TYPE, MODEL NO. 5, WITH NATURAL GAS INJECTION, ONE 700,000 BTU PER HOUR NATURAL GAS FIRED START-UP BURNER, 2,000,000 BTU PER HOUR MAXIMUM FIRING RATE.
  - B. EXHAUST SYSTEM WITH, ONE 25 H.P. EXHAUST FAN VENTING ONE SPRAY BOOTH, ONE DRYING TUNNEL, AND TWO DRUM/PAIL ACETONE WASHERS.

#### **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 IN FULL OPERATION WHENEVER ANY OF THE EQUIPMENT SERVED BY THIS APC SYSTEM IS IN OPERATION.  
[RULE 1303(a)(1)-BACT]
4. A TEMPERATURE INDICATOR SHALL BE INSTALLED AND MAINTAINED TO MEASURE THE COMBUSTION CHAMBER TEMPERATURE IN THE THERMAL OXIDIZER.  
[RULE 1303(a)(1)-BACT]
5. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:

THE COMBUSTION CHAMBER TEMPERATURE SHALL BE MAINTAINED AT A MINIMUM OF 1,500 DEGREES FAHRENHEIT WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.

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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.

FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 1,500 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 A 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 1,500 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 AQMD PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITION NOS. 22 AND 23 IN SECTION K OF THIS PERMIT. THE 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 AQMD 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 AQMD 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 AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40 CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS.

[RULE 1303(a)(1)-BACT, 3004(a)(4)-PERIODIC MONITORING, 40CFR PART 64]

6. A GAUGE SHALL BE INSTALLED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE SPRAY BOOTH EXHAUST FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER.  
[RULE 1303(a)(1)-BACT]

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7. THIS EQUIPMENT SHALL OPERATE WITH A MINIMUM OVERALL CONTROL OF 95 % AND A MINIMUM DESTRUCTION EFFICIENCY OF 95 %.  
[RULE 1303(a)(1)-BACT]
8. THE SPRAY BOOTH AND THE DRYING TUNNEL SHALL BE MAINTAINED AS PERMANENT TOTAL ENCLOSURES AS PER THE REQUIREMENTS OF EPA METHOD 204.  
[RULE 1303(a)(1)-BACT]
9. THE TOTAL QUANTITY OF VOC EMITTED TO THE ATMOSPHERE FROM THIS EQUIPMENT SHALL NOT EXCEED 1320 LBS. IN ANY ONE MONTH. AN OVERALL CONTROL EFFICIENCY OF 95 % SHALL BE USED TO DETERMINE COMPLIANCE WITH THIS CONDITION.  
[RULE 1303(b)(2)-OFFSET]
10. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, WITH AN EFFECTIVE DATE OF MAY 3, 2002 OR EARLIER, EXCEPT FOR ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE).  
[RULE 1401]
11. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO VERIFY COMPLIANCE WITH CONDITIONS 5, 7, 8, 9 AND 10. THESE RECORDS SHALL BE RETAINED ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1303(b)(2)-OFFSET]
12. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT AND OPERATIONS COVERED BY THE MONTHLY LIMIT. THE RECORD SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL. IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY THE HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES.  
[RULE 1303(b)(2)-OFFSET]
13. THE OPERATOR SHALL MAINTAIN A SINGLE LIST, WHICH INCLUDES ONLY THE NAME, AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS.  
[RULE 1303(b)(2)-OFFSET]
14. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE MANIFESTS FOR ALL VOC-CONTAINING WASTE MATERIAL REMOVED FROM THE FACILITY, FOR 60 MONTHS.  
[RULE 1303(b)(2)-OFFSET]
15. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR 60 MONTHS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.  
[RULE 1303(b)(2)-OFFSET]

### **Periodic Monitoring:**

16. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTER

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MEDIA ONCE EVERY WEEK.  
[RULE 3004 (a)(4)]

17. THE OPERATOR SHALL PERFORM A WEEKLY INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
- A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
  - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
  - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.

[RULE 3004 (a)(4)]

18. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
- A. THE TEST SHALL BE CONDUCTED AT LEAST ONCE DURING THE LIFE OF THE PERMIT.
  - B. THE TEST SHALL BE CONDUCTED NO LATER THAN FEBRUARY 4, 2011 UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
  - C. THE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSIONS USING AN APPROVED DISTRICT METHOD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE PERMIT CONDITION(S), RULES AND REGULATIONS.
  - D. THE SOURCE TEST SHALL BE CONDUCTED WHILE THE OXIDIZER IS OPERATING AT A TEMPERATURE OF NOT LESS THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT. IF THE OPERATING TEMPERATURE DURING THE SOURCE TEST IS GREATER THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT, THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT MAY BE INCREASED TO REFLECT THE OPERATING TEMPERATURE DURING THE SOURCE TEST.
  - E. THE OPERATOR SHALL COMPLY WITH ADMINISTRATIVE CONDITIONS NOs. 8, 9, AND 10 OF SECTION E OF THIS FACILITY PERMIT.
  - F. THE OPERATOR SHALL SUBMIT TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SPECIFIED IN CONDITION NO. 9 OF SECTION E OF THIS FACILITY PERMIT TO THE DISTRICT ENGINEERING AND COMPLIANCE DIVISION. THE ENGINEERING COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, COATING, PRINTING AND AEROSPACE OPERATIONS, ATTN: AIR QAULITY AND COMPLIANCE SUPERVISOR, 21865 COPLEY DRIVE, DIAMOND BAR, CA 91765. THE COMPLIANCE COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765

[RULE 3004(a)(4)]

### **Emissions And Requirements:**

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

VOC: RULE 109

VOC: RULE 1125, SEE APPENDIX B FOR EMISSION LIMITS

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VOC: RULE 1145, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 481

## FACILITY PERMIT TO OPERATE TED LEVINE DRUM COMPANY

### PERMIT TO OPERATE

**Permit No. F65975**  
**A/N 423887**

#### **Equipment Description:**

UNDERGROUND VAPOR EXTRACTION AND TREATMENT SYSTEM CONSISTING OF

1. VAPOR EXTRACTION WELLS AND DUCTS.
2. WATER KNOCKOUT POT.
3. AIR EXTRACTION BLOWER, MAXIMUM TOTAL FLOW RATE 665 SCFM.
4. ONE PRIMARY CARBON ADSORBER, WESTSTATES, MODEL VSC-2000, CONTAINING 1,800 POUNDS OF ACTIVATED CARBON IN SERIES WITH UP TO FIVE SECONDARY ADSORBERS IN PARALLEL, EACH CONTAINING 185 POUNDS OF ACTIVATED CARBON.

OR

ONE PRIMARY CARBON ADSORBER, WESTSTATES, MODEL VSC-3000, CONTAINING 3,000 POUNDS OF ACTIVATED CARBON IN SERIES WITH UP TO EIGHT SECONDARY ADSORBERS IN PARALLEL, EACH CONTAINING 185 POUNDS OF ACTIVATED CARBON.

#### **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. UPON COMPLETION, ANY VAPOR EXTRACTION WELL AND/OR DUCT NOT VENTED TO THE VAPOR CONTROL SYSTEM, SHALL BE CAPPED TO PREVENT VAPORS FROM VENTING TO THE ATMOSPHERE. VAPORS SHALL NOT BE EXTRACTED FROM THE SOIL UNLESS THEY ARE VENTED TO THE VAPOR CONTROL SYSTEM, WITH NO DETECTABLE LEAK BETWEEN THE OUTLET OF THE BLOWER AND THE OUTLET OF THE VAPOR CONTROL SYSTEM.  
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]
4. THE VOC CONCENTRATION MEASURED AT THE OUTLET OF THE PRIMARY ADSORBER SHALL NOT EXCEED 8 PPMV.  
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]
5. THE PRIMARY ADSORBER ADSORBENT SHALL BE REPLACED WITH FRESH ADSORBENT WHENEVER THE VOC CONCENTRATION AT THE OUTLET OF THE PRIMARY ADSORBER EXCEEDS THE LEVEL DESCRIBED IN CONDITION NO. 4, OR BOTH THE PRIMARY AND

## FACILITY PERMIT TO OPERATE TED LEVINE DRUM COMPANY

SECONDARY ADSORBERS ADSORBENT SHALL BE REPLACED WITH FRESH ADSORBENT WHENEVER THE VOC CONCENTRATION AT THE OUTLET OF THE SECONDARY ADSORBER EXCEEDS THE LEVEL DESCRIBED IN CONDITION NO 4.

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

6. SPENT CARBON REMOVED FROM THE SYSTEM SHALL BE STORED IN CLOSED CONTAINERS PRIOR TO DISPOSAL.  
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]
7. AN IDENTIFICATION TAG OR NAME PLATE(S) SHALL BE DISPLAYED ON THE EQUIPMENT TO SHOW MANUFACTURER MODEL NO AND SERIAL NO THE TAG(S) OR PLATE(S) SHALL BE ISSUED BY THE MANUFACTURER AND SHALL BE AFFIXED TO THE EQUIPMENT IN A PERMANENT AND CONSPICUOUS POSITION.  
[RULE 1303(a)(1)-BACT]
8. THE CURRENT CONTACT PERSON'S NAME, COMPANY AND PHONE NUMBER SHALL BE DISPLAYED IN A PERMANENT AND CONSPICUOUS POSITION.  
[RULE 204]
9. A FLOW INDICATOR SHALL BE INSTALLED AND MAINTAINED AT ALL INLET STREAM(S) TO THE VAPOR CONTROL SYSTEM TO INDICATE THE TOTAL AIR FLOW RATE IN CUBIC FEET PER MINUTE (CFM). THE TOTAL FLOW RATE SHALL NOT EXCEED 665 SCFM. IN CASE A PRESSURE SENSOR DEVICE IS USED INSTEAD OF THE FLOW INDICATOR, A CONVERSION CHART SHALL BE POSTED TO INDICATE THE FLOW RATE, IN CFM, CORRESPONDING TO THE PRESSURE READING.  
[RULE 1303(a)(1)-BACT]
10. THE VOLATILE ORGANIC COMPOUND (VOC) CONCENTRATION SHALL BE MONITORED BY USING A FLAME IONIZATION DETECTOR OR A DISTRICT APPROVED ORGANIC VAPOR ANALYZER CALIBRATED IN PARTS PER MILLION BY VOLUME (PPMV) OF HEXANE. THE VOC CONCENTRATION SHALL BE MEASURED AT THE OUTLET OF THE PRIMARY AND SECONDARY ADSORBERS AT LEAST ONCE EVERY OPERATING DAY FOR THE FIRST TWO WEEKS AND WEEKLY THEREAFTER.  
[RULE 1303(a)(1)-BACT]
11. RECORDS SHALL BE MAINTAINED TO PROVE COMPLIANCE WITH CONDITION NUMBERS 5, 9 AND 10. THE RECORDS SHALL BE KEPT ON SITE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.  
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]

### **Emissions And Requirements:**

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

VOC: RULE 1166

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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### PERMIT TO OPERATE

Permit No. G6481  
A/N 474820

#### Equipment Description:

BOILER, PARKER, MODEL NO. 150LR, WATER-TUBE, WITH EIGHTEEN PARKER LOW NOX BURNERS, NATURAL GAS FIRED, 6,250,000 BTU PER HOUR.

#### 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 FIRED ON NATURAL GAS ONLY.  
[RULE 1303(a)(1)-BACT]
4. THIS EQUIPMENT SHALL NOT DISCHARGE MORE THAN 12 PPM OF OXIDES OF NITROGEN (NOX) CALCULATED AS NO<sub>2</sub> AND 100 PPM OF CARBON MONOXIDE (CO), ALL CALCULATED BY VOLUME ON A DRY BASIS @ 3% OXYGEN.  
[RULE 1303(a)(1)-BACT]
5. THE COMBUSTION BURNERS SHALL BE INSPECTED AND MAINTAINED PER MANUFACTURER'S SPECIFICATIONS. INSPECTION AND MAINTENANCE RECORDS SHALL BE RETAINED AT THE FACILITY FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1146, 1303(a)(1)-BACT]

#### Periodic Monitoring:

6. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX EMISSION LIMIT(S) BY CONDUCTING A TEST AT LEAST ONCE EVERY FIVE YEARS USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD OR, IF NOT AVAILABLE, A NON-AQMD APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH THE NO<sub>x</sub> CONCENTRATION LIMIT(S). THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.  
[RULE 3004 (a)(4)]
7. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE CO EMISSION LIMIT(S) BY CONDUCTING A TEST AT LEAST ONCE EVERY FIVE YEARS USING A PORTABLE ANALYZER

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AND AQMD-APPROVED TEST METHOD OR, IF NOT AVAILABLE, A NON-AQMD APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH THE CO CONCENTRATION LIMIT(S). THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.

[RULE 3004 (a)(4)]

### **Emissions And Requirements:**

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

CO: 400 PPMV, RULE 1146  
CO: 2000 PPMV, RULE 407  
CO: 100 PPMV, RULE 1303(a)(1)-BACT  
NOx: 30 PPMV, RULE 1146  
NOx: 12 PPMV, RULE 1303(a)(1)-BACT  
PM: 0.1 GR/SCF, RULE 409

## **FACILITY PERMIT TO OPERATE TED LEVINE DRUM COMPANY**

### **PERMIT TO CONSTRUCT**

**A/N 515541  
Granted as of  
May 17, 2011**

#### **Equipment Description:**

MODIFICATION TO CONEYORIZED COATING LINE OPERATING UNDER PERMI NO. F66256, CONSISTING OF:

1. SPRAY BOOTH, 8'-0" W. X 7'-0" H. X 10'-0" D., WITH TWENTY 20" X 20" EXHAUST FILTERS, AND A 2 HP EXHAUST FAN.
2. DRYING TUNNEL.
3. AIR POLLUTION CONTROL SYSTEM CONSISTING OF:
  - A. THERMAL OXIDIZER, TELLKAMP SYSTEMS, HOT ROCK DUAL-BED TYPE, MODEL NO. 5, WITH NATURAL GAS INJECTION, ONE 700,000 BTU PER HOUR NATURAL GAS FIRED START-UP BURNER, 2,000,000 BTU PER HOUR MAXIMUM FIRING RATE.
  - B. EXHAUST SYSTEM WITH, ONE 25 H.P. EXHAUST FAN VENTING ONE SPRAY BOOTH, ONE DRYING TUNNEL, AND TWO DRUM/PAIL ACETONE WASHERS.

BY THE REMOVAL OF:

1. SPRAY BOOTH, 8'-0" W. X 7'-0" H. X 10'-0" D., WITH TWENTY 20" X 20" EXHAUST FILTERS, AND A 2 HP EXHAUST FAN.
2. DRYING TUNNEL.

AND THE ADDITION OF:

1. SPRAY BOOTH, 8'-0" W. X 7'-0" H. X 10'-0" D., WITH TWENTY 20" X 20" EXHAUST FILTERS, PERMANENT TOTAL ENCLOSURE, AND A 2 HP EXHAUST FAN.
2. DRYING TUNNEL, 50'-0" L. X 8'-0" W. X 7'-0" (INTERNAL DIMENSIONS OF MAIN SECTION), PERMANENT TOTAL ENCLOSURE, WITH ONE 0.467 MMBTU/HR MAKEUP AIR HEATER, ECLIPSE, MODEL TA040.

#### **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

## **FACILITY PERMIT TO OPERATE TED LEVINE DRUM COMPANY**

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 IN FULL OPERATION WHENEVER ANY OF THE EQUIPMENT SERVED BY THIS APC SYSTEM IS IN OPERATION.  
[RULE 1303(a)(1)-BACT]
4. A TEMPERATURE INDICATOR SHALL BE INSTALLED AND MAINTAINED TO MEASURE THE COMBUSTION CHAMBER TEMPERATURE IN THE THERMAL OXIDIZER.  
[RULE 1303(a)(1)-BACT]
5. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:

THE COMBUSTION CHAMBER TEMPERATURE SHALL BE MAINTAINED AT A MINIMUM OF 1,500 DEGREES FAHRENHEIT WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.

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.

FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 1,500 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 A 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 1,500 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 AQMD PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITION NOS. 22 AND 23 IN SECTION K OF THIS PERMIT. THE 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 AQMD IF AN ACCUMULATION OF

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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 AQMD 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 AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40 CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS.  
[RULE 1303(a)(1)-BACT, 3004(a)(4)-PERIODIC MONITORING, 40CFR PART 64]

6. A GAUGE SHALL BE INSTALLED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE SPRAY BOOTH EXHAUST FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER.  
[RULE 1303(a)(1)-BACT]
7. THIS EQUIPMENT SHALL OPERATE WITH A MINIMUM OVERALL CONTROL EFFICIENCY OF 95 % AND A MINIMUM DESTRUCTION EFFICIENCY OF 95 %.  
[RULE 1303(a)(1)-BACT]
8. THE SPRAY BOOTH AND THE DRYING TUNNEL SHALL BE MAINTAINED AS PERMANENT TOTAL ENCLOSURES AS PER THE REQUIREMENTS OF EPA METHOD 204.  
[RULE 1303(a)(1)-BACT]
9. THE TOTAL QUANTITY OF VOC EMITTED TO THE ATMOSPHERE FROM THIS EQUIPMENT SHALL NOT EXCEED 1320 LBS. IN ANY ONE MONTH. AN OVERALL CONTROL EFFICIENCY OF 95 % SHALL BE USED TO DETERMINE COMPLIANCE WITH THIS CONDITION.  
[RULE 1303(b)(2)-OFFSET]
10. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, WITH AN EFFECTIVE DATE OF MAY 3, 2002 OR EARLIER, EXCEPT FOR ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE).  
[RULE 1401]
11. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO VERIFY COMPLIANCE WITH CONDITIONS 5, 7, 8, 9 AND 10. THESE RECORDS SHALL BE RETAINED ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1303(b)(2)-OFFSET]
12. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT AND OPERATIONS COVERED BY THE MONTHLY LIMIT. THE RECORD SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL. IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY THE HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES.  
[RULE 1303(b)(2)-OFFSET]

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13. THE OPERATOR SHALL MAINTAIN A SINGLE LIST, WHICH INCLUDES ONLY THE NAME, AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS.  
[RULE 1303(b)(2)-OFFSET]
14. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE MANIFESTS FOR ALL VOC-CONTAINING WASTE MATERIAL REMOVED FROM THE FACILITY, FOR 60 MONTHS.  
[RULE 1303(b)(2)-OFFSET]
15. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR 60 MONTHS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.  
[RULE 1303(b)(2)-OFFSET]
16. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS UNDER THE FOLLOWING CONDITIONS:
  - A. THIS SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
  - B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES. THE TEST PROTOCOL SHALL INCLUDE THE COMPLETED DISTRICT FORMS ST-1 AND ST-2 SPECIFYING THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING IT MEETS THE CRITERIA IN DISTRICT RULE 304(K), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.
  - C. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING AT THE INLET AND THE EXHAUST OF THE OXIDIZER FOR:
    1. VOLATILE ORGANIC COMPOUND (VOC) IN PPMV AND LBS/HR
    2. VOC DESTRUCTION EFFICIENCY
    3. VOC COLLECTION EFFICIENCY FOR EACH OF THE SPRAY BOOTH AND DRYING TUNNEL.
    4. USAGE OF ALL VOC-CONTAINING MATERIALS (COATINGS, SOLVENTS, ETC.) DURING THE TEST
    5. OXYGEN CONTENT
    6. MOISTURE CONTENT
    7. FLOW RATE FROM THE SPRAY BOOTH, THE DRYING TUNNEL, AND ANY OTHER EQUIPMENT THAT IS VENTED TO THE OXIDIZER.
    8. OUTLET FLOW RATES
    9. TEMPERATURE
    10. DEMONSTRATE THAT THE PTES MEET THE CRITERIA FOR PTE PURSUANT TO EPA METHOD 204.

## FACILITY PERMIT TO OPERATE TED LEVINE DRUM COMPANY

- D. THE SOURCE TEST SHALL BE CONDUCTED WHILE THE OXIDIZER IS OPERATING AT A TEMPERATURE OF NOT LESS THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT. IF THE OPERATING TEMPERATURE DURING THE SOURCE TEST IS GREATER THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT, THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT MAY BE INCREASED TO REFLECT THE OPERATING TEMPERATURE DURING THE SOURCE TEST.  
[RULE 1303(a)(1)-BACT]
17. IN ADDITION TO THE SOURCE TEST REQUIREMENTS SPECIFIED IN CONDITION NO. 16, THE OWNER OR OPERATOR SHALL COMPLY WITH THE FOLLOWING:
- A. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.
- B. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER THE SOURCE TESTING DATE. THE SOURCE TEST REPORT SHALL INCLUDE, BUT NOT BE LIMITED TO ALL TESTING DATA REQUIRED BY THIS PERMIT.
- C. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TESTS.
- D. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.  
[RULE 1303(a)(1)-BACT]

### **Periodic Monitoring:**

18. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTER MEDIA ONCE EVERY WEEK.  
[RULE 3004 (a)(4)]
19. THE OPERATOR SHALL PERFORM A WEEKLY INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
- A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
- B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
- C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.  
[RULE 3004 (a)(4)]

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20. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
- A. THE TEST SHALL BE CONDUCTED AT LEAST ONCE DURING THE LIFE OF THE PERMIT.
  - B. THE TEST SHALL BE CONDUCTED NO LATER THAN FEBRUARY 4, 2011 UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
  - C. THE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSIONS USING AN APPROVED DISTRICT METHOD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE PERMIT CONDITION(S), RULES AND REGULATIONS.
  - D. THE SOURCE TEST SHALL BE CONDUCTED WHILE THE OXIDIZER IS OPERATING AT A TEMPERATURE OF NOT LESS THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT. IF THE OPERATING TEMPERATURE DURING THE SOURCE TEST IS GREATER THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT, THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT MAY BE INCREASED TO REFLECT THE OPERATING TEMPERATURE DURING THE SOURCE TEST.
  - E. THE OPERATOR SHALL COMPLY WITH ADMINISTRATIVE CONDITIONS NOS. 8, 9, AND 10 OF SECTION E OF THIS FACILITY PERMIT.
  - F. THE OPERATOR SHALL SUBMIT TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SPECIFIED IN CONDITION NO. 9 OF SECTION E OF THIS FACILITY PERMIT TO THE DISTRICT ENGINEERING AND COMPLIANCE DIVISION. THE ENGINEERING COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, COATING, PRINTING AND AEROSPACE OPERATIONS, ATTN: AIR QUALITY AND COMPLIANCE SUPERVISOR, 21865 COPLEY DRIVE, DIAMOND BAR, CA 91765. THE COMPLIANCE COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765
- [RULE 3004(a)(4)]

### **Emissions And Requirements:**

19. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 109
  - VOC: RULE 1125, SEE APPENDIX B FOR EMISSION LIMITS
  - VOC: RULE 1145, SEE APPENDIX B FOR EMISSION LIMITS
  - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
  - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
  - PM: RULE 481

## FACILITY PERMIT TO OPERATE TED LEVINE DRUM COMPANY

### PERMIT TO CONSTRUCT

A/N 521334

#### Equipment Description:

##### MODIFICATION OF:

BOILER, HOT WATER AND STEAM, CYCLOTHERM, SERIAL NO. 13950, 6.3-MMBTU/HR NATURAL GAS FIRED, WITH ONE GORDON PIATT LOW-NOX BURNER, MODEL NO. LNS 12.9-6-30-A, AND ONE FLUE GAS RECIRCULATION

##### BY THE REMOVAL OF:

ONE GORDON PIATT 6.3-MMBTU/HR LOW-NOX BURNER, MODEL NO. LNS 12.9-6-30-A AND ONE FLUE GAS RECIRCULATION

##### WITH THE ADDITION OF:

ONE WEBSTER 6.3-MMBTU/HR ULTRA LOW-NOX BURNER, MODEL NO. HDRMB10G-150 AND ONE FLUE GAS RECIRCULATION

#### 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 BOILER SHALL BE FIRED WITH NATURAL GAS ONLY.  
[RULE 1303(a)(1)-BACT]
4. EMISSIONS FROM THIS BOILER SHALL NOT EXCEED MORE THAN 9 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO<sub>2</sub>, AND NO MORE THAN 50 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% O<sub>2</sub>.  
[RULE 1146, 1303(a)(1)-BACT]
5. THE BURNER'S AUTOMATIC CONTROL SYSTEM TO REGULATE COMBUSTION AIR, FUEL, AND RECIRCULATED FLUE GAS SHALL BE ADJUSTED AND TUNED AT LEAST TWICE A YEAR ACCORDING TO MANUFACTURER'S SPECIFICATIONS TO ASSURE ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RANGE.  
[RULE 1146, 1303(a)(1)-BACT]
6. RECORDS OF SUCH ADJUSTMENTS, TUNE-UP, AND CALIBRATION AS STATED ABOVE SHALL BE KEPT FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1146, 1303(a)(1)-BACT]

## **FACILITY PERMIT TO OPERATE TED LEVINE DRUM COMPANY**

7. A MECHANICAL GAUGE SHALL BE MAINTAINED TO INDICATE THE AMOUNT OF FLUE GAS RECIRCULATED FROM THE EXHAUST GAS STACK TO THE BURNER.  
[RULE 1146, 1303(a)(1)-BACT]
8. THE AMOUNT OF FLUE GAS RECIRCULATED BACK TO THE BURNER SHALL BE AUTOMATICALLY REGULATED IN CONJUNCTION WITH THE COMBUSTION AIR AND FUEL.  
[RULE 1146, 1303(a)(1)-BACT]
9. THE FLUE GAS RECIRCULATION SYSTEM SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.  
[RULE 1146, 1303(a)(1)-BACT]
10. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE TOTALIZING FUEL METER TO ACCURATELY INDICATE THE FUEL USAGE IN THE BOILER.  
[RULE 1303(b)(2)-OFFSET]
11. THE OPERATOR SHALL TEST THIS EQUIPMENT IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
  - A. THE SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
  - B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES.
  - C. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING THAT IT MEETS THE CRITERIA IN DISTRICT RULE 304(K), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.
  - D. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE BOILER FOR NOX AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, DURING AS-FOUND OPERATING CONDITIONS.
  - E. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE BOILER FOR NOX AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, WHILE THE BOILER IS OPERATED BELOW 25% OF THE MAXIMUM RATED INPUT HEAT CAPACITY.
  - F. NOX AND CO EMISSION DETERMINATION SHALL BE AVERAGED OVER A PERIOD OF 15 CONSECUTIVE MINUTES.
  - G. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.
  - H. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER SOURCE TESTING DATE UNLESS OTHERWISE

## **FACILITY PERMIT TO OPERATE TED LEVINE DRUM COMPANY**

APPROVED IN WRITING BY THE DISTRICT. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS CONDITION.

- I. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR THE CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.
- J. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.
- K. THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER THE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

### **Periodic Monitoring:**

- 12. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE CO EMISSION LIMIT(S) BY CONDUCTING A TEST AT LEAST ONCE EVERY FIVE YEARS USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD OR, IF NOT AVAILABLE, A NON-AQMD APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.  
[RULE 3004 (a)(4)]

### **Emissions and Requirements:**

- 13. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
  - CO: 400 PPMV, RULE 1146
  - CO: 2000 PPMV, RULE 407
  - CO: 50 PPMV, RULE 1303(a)(1)-BACT
  - NOx: 9 PPMV, RULE 1146
  - PM: 0.1 GR/SCF, RULE 409

## FACILITY PERMIT TO OPERATE TED LEVINE DRUM COMPANY

### RULE 219 EQUIPMENT

#### Equipment Description:

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

#### Periodic Monitoring:

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 COATING AND (c) VOC CONTENT AS SUPPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATINGS.

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 AND (c) VOC CONTENT AS APPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATINGS.

[RULE 3004 (a) (4)]

#### 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 TED LEVINE DRUM COMPANY**

### **RULE 219 EQUIPMENT**

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL UNHEATED, NON-CONVEYORIZED

**Emissions And Requirements:**

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

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE TED LEVINE DRUM COMPANY**

### **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