

## FACILITY PERMIT TO OPERATE CERTIFIED ENAMELING INC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 5: COATING AND DRYING LINE 2, EMERY STREET</b>					
OVEN, DRYING, PTE, THREE ZONES, NATURAL GAS, 7.5 MMBTU/HR WITH A/N:  BURNER, ZONE 1, VENTED TO APC, NATURAL GAS, MAXON, MODEL OVENPAK LE25, WITH LOW NOX BURNER, 2.5 MMBTU/HR  BURNER, ZONE 2, NATURAL GAS, MAXON, MODEL OVENPAK LE25, WITH LOW NOX BURNER, 2.5 MMBTU/HR  BURNER, ZONE 3, NATURAL GAS, MAXON, MODEL OVENPAK LE25, WITH LOW NOX BURNER, 2.5 MMBTU/HR	D169	C122		CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; HAP: (10) ; NOX: 30 PPMV NATURAL GAS (5) [RULE 1147, 12-5-2008]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; VOC: (9) [RULE 1107, 11-9-2001; RULE 1107, 1-6-2006]	C6.1, D182.2, E71.3, H23.4
<b>Process 6: CONVEYORIZED CHROME CONVERSION</b>					
<b>System 1: NO.1, EMERY STREET</b>					

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 6: CONVEYORIZED CHROME CONVERSION</b>					
OVEN, DRYING, TWO TUNNELS, NATURAL GAS, 4.1 MMBTU/HR WITH A/N:  BURNER, TUNNEL 1, NATURAL GAS, MAXON, MODEL OVENPAK LE15, WITH LOW NOX BURNER, 1.6 MMBTU/HR  BURNER, TUNNEL 2, NATURAL GAS, MAXON, MODEL OVENPAK LE25, WITH LOW NOX BURNER, 2.5 MMBTU/HR	D163			CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 30 PPMV NATURAL GAS (5) [RULE 1147, 12-5-2008]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	D182.2, H23.4

\* (1) (1A) (1B) Denotes RECLAIM emission factor  
 (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit  
 (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit  
 (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit  
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits  
 (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

# **FACILITY PERMIT TO OPERATE CERTIFIED ENAMELING INC**

## **SECTION H: DEVICE ID INDEX**

**The following sub-section provides an index  
to the devices that make up the facility  
description sorted by device ID.**

**FACILITY PERMIT TO OPERATE  
CERTIFIED ENAMELING INC**

**SECTION H: DEVICE ID INDEX**

<b>Device Index For Section H</b>			
<b>Device ID</b>	<b>Section H Page No.</b>	<b>Process</b>	<b>System</b>
D163	2	6	1
D169	1	5	0

## FACILITY PERMIT TO OPERATE CERTIFIED ENAMELING INC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

#### FACILITY CONDITIONS

F1.1 The operator shall limit the material processed to no more than 1500 lb(s) in any one day.

For the purpose of this condition, material processed shall be defined as powder coatings.

The operator shall maintain records in a manner approved by the District to demonstrate compliance with this condition.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

F1.2 The operator shall limit the natural gas fuel usage to no more than 6.66 MM cubic feet per month.

The operator shall maintain records in a manner approved by the District to demonstrate compliance with this condition.

To comply with this condition, the operator shall install and maintain a(n) non-resettable totalizing fuel meter to accurately indicate the fuel usage at the facility.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

F2.1 The operator shall limit emissions from this facility as follows:

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than or equal to 420 LBS IN ANY ONE DAY

All records required by this permit shall be prepared in a format which is acceptable to the District, shall be retained at this facility for at least five years and shall be made available to any District representative upon request.

Material Safety Data Sheets (MSDS) for all materials used at this facility shall be kept current and made available to District personnel upon request.

## **FACILITY PERMIT TO OPERATE CERTIFIED ENAMELING INC**

### **SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE**

**The operator shall comply with the terms and conditions set forth below:**

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

F9.1 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, 3-2-1984; RULE 401, 11-9-2001]**

F24.1 Accidental release prevention requirements of Section 112(r)(7):

a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP).

b). The operator shall submit any additional relevant information requested by the Executive Officer or designated agency.

**[40CFR 68 - Accidental Release Prevention, 5-24-1996]**

### **DEVICE CONDITIONS**

#### **C. Throughput or Operating Parameter Limits**

C6.1 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 500 Deg F.

## **FACILITY PERMIT TO OPERATE CERTIFIED ENAMELING INC**

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#### **The operator shall comply with the terms and conditions set forth below:**

To comply with this condition, the operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature in the zone 1 and 2 of the oven.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 401, 3-2-1984; RULE 401, 11-9-2001]**

[Devices subject to this condition : D169]

#### **D. Monitoring/Testing Requirements**

D182.2 The operator shall test this equipment in accordance with the following specifications:

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#### **The operator shall comply with the terms and conditions set forth below:**

The test shall be conducted to verify compliance with Rule 1147.

The test shall be conducted within 45 days after District approval of the source test protocol.

The tests shall measure NO<sub>x</sub>, CO, oxygen content, moisture content, temperature, and the exhaust flow rate at the outlet of this equipment, at the normal operating load, using the appropriate test methods specified in Rule 1147. The report shall present the emission data in pounds per hour, and parts per million on a dry basis corrected to 3% oxygen.

In case this equipment operates with variable heat input that may fall below 50% of the rated heat input capacity during normal operation, a test shall also be conducted as specified in Section B of this condition above, but using a heat input of less than 25% of the rated heat input of this equipment, pursuant to Rule 1147(d)(1).

A written notice of the source test date shall be submitted to the District (addressed to the South Coast Air Quality Management District, Attn: Steve Jones, Engineering & Compliance, 21865 Copley Drive, Diamond Bar, CA 91765) at least 14 days prior to the source test date so that an observer from the District may be present.

A testing laboratory certified by the District laboratory approval program in the required test methods for each criteria pollutant to be measured, and in compliance with District Rule 304 (no conflict of interest) shall conduct the test.

Sampling facilities shall comply with the District guidelines for construction of sampling and testing facilities pursuant to Rule 217.

A source test protocol shall be submitted to the District (addressed to the South Coast Air Quality Management District, Attn: Steve Jones, Engineering & Compliance, 21865 Copley Drive, Diamond Bar, CA 91765) no later than 30 days from the date this permit is issued, unless otherwise approved in writing by the District. The test protocol shall be approved in writing by the District before the test commences.

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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, 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.

Two complete copies of the source test reports shall be submitted to the District (addressed to the South Coast Air Quality Management District, Attn: Steve Jones, Engineering & Compliance, 21865 Copley Drive, Diamond Bar, CA 91765) within 30 days after the source testing date. The source test report shall include, but not be limited to, all testing data required by this permit.

The owner or operator of this equipment shall submit the results of all preliminary tests that are conducted on this equipment for informational purposes to the District (addressed to the South Coast Air Quality Management District, Attn: Steve Jones, Engineering & Compliance, 21865 Copley Drive, Diamond Bar, CA 91765) within 45 days after the testing date unless otherwise approved in writing by the District.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D163, D169]

#### **E. Equipment Operation/Construction Requirements**

E71.3 The operator shall only maintain this equipment to comply with all criteria for Permanent Total Enclosure (PTE) as specified in EPA Method 204.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D169]

#### **H. Applicable Rules**

H23.4 This equipment is subject to the applicable requirements of the following rules or regulations:

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**The operator shall comply with the terms and conditions set forth below:**

Contaminant	Rule	Rule/Subpart
NOX	District Rule	1147

Prior to modification of this equipment to come into compliance with the emission limit of this rule, the operator shall submit an application and receive approval for construction or modification of the equipment

[RULE 1147, 12-5-2008]

[Devices subject to this condition : D163, D169]