



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

RENEWAL

S008625

Renewal type Permit has no description information.

EXPIRES LAST DAY OF: MARCH 2026

OWNER OF OPERATOR (Co.#595)

Technique Designs, Inc
54465 29 Palms Hwy
Yucca Valley, CA 92284

EQUIPMENT LOCATION (Fac.#2559)

Technique Designs - Yucca Valley
54465 29 Palms Hwy
Yucca Valley, CA 92284

Description:

SPRAY BOOTH, WOOD COATINGS consisting of: Enclosure, 3-sided, in ventilated room; equipped with overhead inlet air duct rated at 350 cfm, with wall-mounted exhaust filters and wall-mounted exhaust fan venting to outdoors. Facility elevation is 3512 feet above sea level.

CONDITIONS:

1. This spray booth and associated equipment shall only be operated and maintained in strict accord with manufacturer's/supplier's recommendations and/or sound engineering principles which produce the minimum emissions of contaminants. Operation of this equipment shall be conducted in compliance with data and specifications submitted with the application under which this permit is issued unless otherwise noted below.

[District Rule 1302(C)(2)(a)]

2. All Wood Products Coating Operations, Coatings (including diluents, thinners, pigments, etc.), Solvents, Application Methods, Surface Preparation & Cleaning Operations, and recordkeeping, shall comply with District Rules 442, 1114, 1303, and 1320, as applicable. These rules pertain to Usage of Solvents, Wood Products Coating Operations, New Source Review Requirements, and New Source Review for Toxic Air Contaminants, respectively.

[District Rules 442, 1114, and 1302(C)(2)(a)]

3. Discharge filters shall be installed and maintained in a tightly mounted and dimensionally stable condition, free from excessive deposits or interference with airflow passages. The differential pressure across the discharge filters shall be maintained within the range specified by the manufacturer recommendations, if equipped with a differential pressure measuring device.

[District Rule 1302 (C)(2)(a)]

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 2511

SCC: 40202106

Location/UTM(Km):
551E/3774N

This permit does not authorize the emission of air contaminants in excess of those allowed by law, including Division 26 of the Health and Safety Code of the State of California and the Rules and Regulations of the District. This permit cannot be construed as permission to violate existing laws, ordinances, statutes or regulations of this or other governmental agencies. This permit must be renewed by the expiration date above. If billing for renewal fee required by Rule 301(c) is not received by expiration date above, please contact the District.

Technique Designs, Inc
P.O. Box 550
Morongo Valley, CA 92256

By: **COPY**
Eldon Heaston
Air Pollution Control Officer

4. Pursuant to Rule 1114, the owner/operator shall not apply any coating to Wood Products unless the High Volume Low Pressure (HVLP) Spray equipment, operated in accordance with the manufacturer's recommendations, is the application method used. Any alternative coating applications must be demonstrated to the satisfaction of the APCO pursuant to Rule 1114, and for which written approval of the APCO has been obtained.

[District Rule 1114]

5. Pursuant to Rule 1114, the owner/operator shall carry out all coating operations in accordance with the following:

A. All coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, shall comply with VOC content requirements stated in Rule 1114; and

B. Solvent cleaning operations, including solvent cleaning of spray guns and associated equipment, and the storage and disposal of VOC-containing materials shall comply with the provisions of District Rules 442 and 1114.

[District Rules 1114]

6. Total VOC emissions from this Spray Booth shall be less than 25 pounds per day.

[District Rule 1303 - New Source Review Requirements]

7. The owner/operator shall maintain a daily operations log containing at least the following:

A. Date of coating use;

B. Equipment, by permitted number, that uses material containing VOC;

C. Type of material (coating, pigment, solvent, etc.), its use, and its applicable VOC limit in pounds per gallon (or grams per liter), by District Rule or Rules;

D. Manufacturer of material, manufacturer product name, and/or code number;

E. Quantity of each Coating or Solvent used each day, and its VOC content. (Note: Units must be consistent. If quantity used is in gallons (or liters), the VOC content must be in pounds per gallon (or grams per liter));

F. Method of coating application and substrate type; and

G. Copies of the Safety Data Sheet (SDS or MSDS) or manufacturer's technical data sheet used to document compliance with the VOC content requirements for each coating, diluent, pigment, thinner, or solvent. [District Rules 442 and 1114]

8. The Operations Log shall be kept current, on-site for a minimum of two (2) years, retained for five (5) years, and provided to District personnel on request. (Note: The daily log information provides a basis for the Comprehensive Emissions Inventory).

[District Rule 1114]

9. The facility is subject to requirements of ATCM 93120 - Air Toxic Control Measure to Reduce Formaldehyde Emissions from Composite Wood Products. All applicable composite wood products manufactured at the facility shall be certified to be in compliance with the formaldehyde emission standard of 0.05 ppm, including product labeling and recordkeeping requirements.

[17 CCR 93120]

10. The owner/operator shall not use any Motor Vehicle or Mobile Equipment Coating that contains hexavalent chromium or cadmium. Compliance with this condition shall be verified by retention of SDS or other documentation of chemical content for applicable coatings used at the facility for two (2) years, and provision of said information to District, State, or Federal personnel upon request.

[Title 17 CCR 93112 - Airborne Toxic Control Measure for Emissions of Hexavalent Chromium and Cadmium from Motor Vehicle and Mobile Equipment Coatings]

11. Pursuant to 40 CFR 63 subpart HHHHHH, this facility shall not spray apply coatings to metal and plastic surfaces that contain compounds of chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni), or cadmium (Cd); nor, conduct any paint stripping operations on any substrate that use methylene chloride (MeCl)-containing paint stripping formulations. Contact the MDAQMD for conditions if this facility will use coatings containing these compounds and/or MeCl for additional permits requirements.

[40 CFR 63, Subpart HHHHHH]

12. Facility emissions shall not exceed:

a. 20 tons/year VOC per consecutive twelve (12) month period

b. 8 tons/year of any single HAP, 20 tons/year of combined HAP per consecutive twelve (12) month period.

Compliance with these limits shall be demonstrated through the submission of a facility-wide Comprehensive Emission Inventory (CEI) for all emitted Regulated Air Pollutants. Exceedance of these emission limits may trigger offsets, BACT, National Emission Standards for Hazardous Air Pollutants (NESHAP), and/or require submission of a Title V permit application.
[District Rules 1302 and 1303]

13. A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the District, in a format approved by the District, upon District request.
[District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]