



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

AUTHORITY TO CONSTRUCT

B015084

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

EXPIRES LAST DAY OF: JULY 2025

OWNER OF OPERATOR (Co.#3036)

Mayhem Metal Works
10878 E Avenue
Hesperia, CA 92345

EQUIPMENT LOCATION (Fac.#4479)

Mayhem Metal Works
10878 E Avenue
Hesperia, CA 92345

Description:

WELDING OPERATION consisting of:

CONDITIONS:

1. This equipment shall be operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.

[District Rule 204]

2. This equipment is to be operated solely on commercial line power, an internal combustion engine less than 50 bhp exempt from permit; or, an internal combustion engine with a valid district permit.

[District Rule 1302 and 1320]

3. This facility is limited to welding processes with reduced fume generation capabilities (e.g., gas metal arc welding (GMAW) also called metal inert gas welding (MIG));

[40 CFR 63.11516(f)(2)]

[District Rules 1302 and 1320]

4. All welding equipment is limited to the use of class 70S-6 welding wire only. The total amount of welding wire consumed is limited to 1,386 pounds per year. These limits apply to all welding units located at the facility.

Fee Schedule: 3 (a)

Rating: 25.2kVA

SIC: 3499

SCC: 30900500

Location/UTM(Km): 474E/3811N

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.

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By: **COPY**

Brad Poiriez

Air Pollution Control Officer

5.The owner/operator shall maintain a log for this welding operation, which, at a minimum, contains the information specified below. This log shall be maintained current and on-site for a minimum of two (2) years and shall be provided to District personnel on request:

- a. Date of each use;
- b. Duration of each use, in minutes;
- c. Manufacturer, type and trade name of welding wire used;
- d. A current Material Safety Data Sheet (SDS) for each welding wire used;
- e. Total pounds of welding wire consumed per each consecutive twelve month period;
- f. Total pounds of welding wire consumed per each consecutive twelve month period which contain Metal Fabrication Hazardous Air Pollutant (MFHAP) containing material defined as cadmium, chromium, lead, or nickel in amounts greater than or equal to 0.1 percent by weight (as the metal), and contains manganese in amounts greater than or equal to 1.0 percent by weight (as the metal), as shown in formulation data provided by the manufacturer or supplier, such as the Material Safety Data Sheet (SDS);
- h. Copy of initial notification as required by 40 CFR 63.11519(a) and condition #14; and,
- i. Copy of annual certifications 40 CFR 63.11519(b) and condition #15.

[District Rule 1320 and 40 CFR Subpart 63 Section 63.11516(f)]

6.This facility shall operate in compliance at all times with District Rules 401 - Visible Emissions, 402 - Nuisance and 403 - Fugitive Dust.

7.This facility is subject to 40 CFR 63, Subpart XXXXXX - National Emission Standard for Hazardous Air Pollutants Area Source Standards for Nine Metal Fabrication and Finishing Source Categories and must comply with all requirements of this regulation as applicable.

8.The welding operations performed at this facility utilize material containing MFHAP and must operate in compliance with the applicable provisions of this NESHAP [40 CFR 63.11515(b)]. Material containing MFHAP means a material containing one or more MFHAP. Any material that contains cadmium, chromium, lead, or nickel in amounts greater than or equal to 0.1 percent by weight (as the metal), and contains manganese in amounts greater than or equal to 1.0 percent by weight (as the metal), as shown in formulation data provided by the manufacturer or supplier, such as the Material Safety Data Sheet for the material, is considered to be a material containing MFHAP.

9.This facility must not conduct any dry abrasive blasting as defined under 40 CFR 63.11522. Dry blasting means cleaning, polishing, conditioning, removing or preparing a surface by propelling a stream of abrasive material with compressed air against the surface. Hydroblasting, wet abrasive blasting, or other abrasive blasting operations which employ liquids to reduce emissions are not dry abrasive blasting. [40 CFR 63.11516(a)]

10.The owner/operator must ensure that all machining conducted at this facility is done in a manner to minimize excess dust in the surrounding area to reduce MFHAP emissions, as practicable; and operate all equipment associated with machining according to manufacturer's instructions. Machining means dry metal turning, milling, drilling, boring, tapping, planing, broaching, sawing, cutting, shaving, shearing, threading, reaming, shaping, slotting, hobbing, and chamfering with machines. Shearing operations cut materials into a desired shape and size, while forming operations bend or conform materials into specific shapes. Cutting and shearing operations include punching, piercing, blanking, cutoff, parting, shearing and trimming. Forming operations include bending, forming, extruding, drawing, rolling, spinning, coining, and forging the metal. Processes specifically excluded are hand-held devices and any process employing fluids for lubrication or cooling. [40 CFR 63.11516(b)]

11.This facility must not conduct any dry grinding or polishing with machines as defined under 40 CFR 63.11522. Dry grinding and polishing with machines means grinding or polishing without the use of lubricating oils or fluids in fixed or stationary machines. Hand grinding, hand polishing, and bench top dry grinding and dry polishing are not included under this definition. [40 CFR 63.11516(c)]

12.This facility must not conduct any spray painting that contains MFHAP.
[40 CFR 63.11516(d)]

13.The owner/operator must operate all equipment, capture, and control devices associated with welding operations according to manufacturer's instructions. The owner/operator must demonstrate compliance with this requirement by maintaining a record of the manufacturer's specifications for the capture and control devices, as specified by the requirements in 40 CFR 63.11519(c)(4),

"Notification, recordkeeping, and reporting requirements."
[40 CFR 63.11516(f)(1)]

14. Initial Notification requirements:

Within 120 days of permit issuance, the owner/operator shall submit an initial notification pursuant to 40 CFR 63.11519 which includes:

- (i) The name, address, phone number and e-mail address of the owner and operator;
- (ii) The address (physical location) of the affected source;
- (iii) An identification of the relevant standard (i.e., this subpart); and
- (iv) A brief description of the type of operation. For example, a brief characterization of the types of products (e.g., aerospace components, sports equipment, etc.), the number and type of processes, and the number of workers usually employed.

Within 120 days of permit issuance, the owner/operator shall submit a notification of compliance status pursuant to 40 CFR 63.11519 which includes:

- (i) Your company's name and address;
- (ii) A statement by a responsible official with that official's name, title, phone number, e-mail address and signature, certifying the truth, accuracy, and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart;; and
- (iii) The date of the notification of compliance status.

[40 CFR 63.11519(a)]

15. The owner/operator shall submit an annual compliance certification and compliance report. The first annual certification and compliance report must cover the first annual reporting period which begins the day the permit is issued and ends on December 31. Each subsequent annual certification and compliance report must cover the subsequent semiannual reporting period from January 1 through December 31 and submitted to reporting@mdaqmd.ca.gov no later than January 31 and kept in a readily-accessible location for inspector review. If an exceedance has occurred during the year, each annual certification and compliance report must be submitted along with the exceedance reports, and postmarked or delivered no later than January 31 during which the equipment is operated and MFHAP containing material is used.

The report shall include:

- (i) Company name and address;
- (ii) Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report; and
- (iii) Date of report and beginning and ending dates of the reporting period. The reporting period is the 12-month period ending on December 31. Note that the information reported for the 12 months in the reporting period will be based on the last 12 months of data prior to the date of each monthly calculation.

[40 CFR 63.11519(b)]

16. 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]