

# Nine Metal Fabrication and Finishing Source Categories

## 40 CFR Part 63, Subpart XXXXXX (6X NESHAP)

### *Summary of Requirements: Industrial Process – Machining*

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Machining is defined as dry metal turning, milling, drilling, boring, tapping, planning, broaching, sawing, cutting, shaving, shearing, threading, reaming, shaping, slotting, hobbing, and chamfering with machines. 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 of the metal. **Processes using hand-held devices and any process employing fluids for lubrication or cooling are not subject to the 6X NESHAP requirements.**

The following requirements shall be followed only if the facility's **machining** operations have the potential to emit a **MFHAP** or use materials that contain a **MFHAP**.

#### **REQUIRED MANAGEMENT PRACTICES**

- Operate all equipment associated with operations (including control equipment) according to the manufacturer's instructions.
- Minimize excess dust in the surrounding area to reduce MFHAP emissions.

#### **RECORD KEEPING AND REPORTING REQUIREMENTS**

In addition to the required initial notification and notification of compliance status (see general 6X NESHAP fact sheet), facilities with this industrial process that have the potential to emit a MFHAP or use materials that contain a MFHAP must also comply with the reporting and recordkeeping requirements below.

#### **Annual Certification and Compliance Reports**

- Submit no later than **January 31 of each year**.
  - Cover the period from January 1 (or day after compliance date) to December 31 of the previous year.
- Report should include the following information:
  - Facility's name and address.
  - Statement by responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.
  - Date of report and of beginning and ending dates of reporting period.

These reports must be kept in a readily-accessible location for inspector review.

#### **Record Keeping**

- The following records must be maintained in a form suitable and readily available for expeditious review.
  - Copies of all notifications and reports, and supporting documentation.
  - Records of applicability determinations.
  - Manufacturer's specifications for control devices.
  - Copy of the manufacturer's instructions for equipment used for compliance.

Records must be maintained for five years. The first two years of records must be maintained on-site. Older records may be maintained off site.

*Please refer to the full rule text of 40 CFR Part 63, Subpart XXXXXX (available at <http://www.epa.gov/ttn/atw/area/compilation.html>) to determine all applicable equipment requirements, management practices, monitoring requirements, recordkeeping requirements and reporting requirements necessary to be in compliance with this rule. Additional information is available at <http://www.iowadnr.gov/air/prof/NESHAP/>*

**For more information or questions please contact**  
Iowa Department of Natural Resources: **1-877-AIR-IOWA**  
Iowa Waste Reduction Center: **1-800-422-3109**

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