

## **A-21: Manufacturing and Post-Processing of Metal Products**

The following best management practices (BMPs) apply to mills, foundries, and fabricators that manufacture and/or post-process metal products at stationary sites. Painting, finishing, and coating of metal products are covered under activity sheet A-22: Painting, Finishing and Coating of Vehicles, Products and Equipment.

*Potential pollutants can include but are not limited to hydrocarbons, metals, oil and grease, oxygen demanding substances, pH, sediment, and other pollutants.*

BMPs are required by King County Water Quality Code (KCC 9.12). If the BMPs included here are not enough to prevent contamination of stormwater, you will be required to take additional measures.

### **Required BMPs**

- Keep metal fragments and debris (e.g., grindings, cuttings, dust, shavings) from coming into contact with stormwater. Cover the work area or perform the work indoors.
- Discharge process wastewater to a sanitary sewer, holding tank, or process treatment system. Do not discharge to the stormwater drainage system.
- Cover galvanized metal product storage and processing areas; or capture, treat, and properly dispose of stormwater coming into contact.

### **Required Routine Maintenance BMPs**

- Sweep the work and pouring area at least daily to collect metal fragments and debris and prevent stormwater contamination. Do not hose down the area to the stormwater drainage system.

### **Supplemental BMPs**

- Install catch basin inserts to collect excess sediment and debris, if necessary. Inspect and maintain catch basin inserts regularly to ensure they are working correctly.
- Install collection system to capture fragments and debris.

### **Additional Information**

- *Stormwater Pollution Prevention Manual*, Chapter 3: Commercial and Multifamily BMPs
  - [A-9: Storage of Scrap and Recycling Materials \(Including Auto Recycling Facilities\)](#)
  - [A-22: Painting, Finishing and Coating of Vehicles, Products and Equipment](#)
- *Stormwater Pollution Prevention Manual*, Chapter 5: Information Sheets
  - [Catch Basin Insert](#)
  - [Covering](#)
  - [Disposal](#)

*For more information or assistance contact the King County Stormwater Services at 206-477-4811 and visit [kingcounty.gov/stormwater](http://kingcounty.gov/stormwater).*