



City of Omaha

Industrial Best Management Practices

Sector AA - Fabricated Metal Products

SIC Codes: 3411-3499, 3911-3915



Scrap and Waste Recycling Facilities

- ♣ Frequently inspect and clean processing equipment and storage areas
- ♣ Immediately clean up spills using appropriate methods
- ♣ Cover and contain storage areas and process equipment
- ♣ Enforce recyclable material acceptance policies

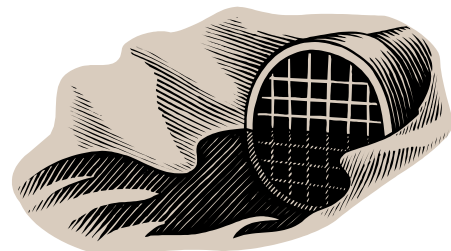


Material Storage

- ♣ Store all materials and waste indoors if possible including raw metal, scrap metal, fines, iron dust, finished products, liquid tanks, recyclable waste, hazardous waste, empty drums and contaminated wood pallets.
- ♣ Metal working fluids and fine metal dust should always be stored inside in containers with tight sealing lids.
- ♣ If materials are stored outside, a cover or tarp should be placed over the storage area and berms, and dikes or other containment mechanisms used.
- ♣ Keep raw metal off the ground.
- ♣ Store finished products on wooden pallets on a concrete pad or other impervious surface.
- ♣ Clean empty drums and contaminated wood pallets before storing.
- ♣ Store hazardous waste in sealed drums on pallets in a contained area.
- ♣ Stack drums so there is room to move through the storage area without damaging drums.
- ♣ Minimize the amount of metal material stored outside to avoid corrosion from exposure.
- ♣ Reduce the need for overall storage of materials through inventory control.
- ♣ Store materials close to where they will be used, especially chemicals and other liquids.
- ♣ Clearly label all containers include warnings and handling instructions.

Facility Operations

- ♣ Post notices prohibiting the dumping of materials into storm drains.
- ♣ Properly dispose of outdated materials, chemicals, and vehicle fluids.
- ♣ Schedule routine removal of waste. Recycle if possible.
- ♣ Enclose loading / unloading areas with berms, curbs or dikes to contain chemical spills during delivery. If possible, cover delivery areas.
- ♣ Keep all areas clean. Sweep the fabricating areas, and keep the floors clean and dry. Regularly sweep paving that provides access to metal fabricating areas.
- ♣ Remove residues as soon as possible from storage and material containers.
- ♣ Clean up spills immediately using dry methods.
- ♣ Regularly inspect storage areas, containers and raw material for leaks or corrosion.
- ♣ Inspect piping, valves and equipment for leaks and spills.
- ♣ Fix all problems found as soon as possible.
- ♣ Place drip pans and other spill devices near fluid working areas.
- ♣ Substitute nontoxic cleaning agents whenever possible.
- ♣ Perform painting and sanding operations inside whenever possible.
- ♣ Use tarps or plastic sheeting to enclose the painting or sanding area if outdoors and avoid these activities on windy days.
- ♣ Use tarps, drip pans, or other spill collection devices to contain and collect spills of paints, solvents or other liquids.

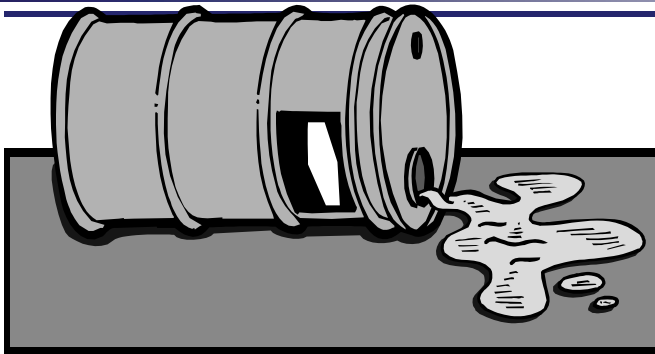




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If spills occur:

- Stop the source of the spill immediately.
- Contain the liquid until cleanup is complete.
- Deploy oil containment booms if the spill may reach the street or waterways.
- Cover the spill with absorbent material.
- Keep the area well ventilated.
- Dispose of clean-up materials properly.
- Do not use an emulsifier or dispersant.

STORM WATER POLLUTION PREVENTION PLAN (SWPPP) OR STORM WATER MANAGEMENT PLAN (SWMP)

- Develop and implement a SWPPP or SWMP.
- All regulated facilities must submit a Notice of Intent (NOI) to NDEQ.

OUTDOOR VEHICLE, EQUIPMENT AND PARTS STORAGE

- Confine storage of parts, equipment and vehicles to designated areas.
- Cover all storage areas with a permanent cover (e.g. roofs) or temporary cover (e.g. canvas tarps).
- Install curbing, berms or dikes around storage areas.
- Inspect the storage yard for problems regularly.

TRAINING

- All employees shall be trained in the following areas and on BMPs in the SWMP at least once per year.
- Proper washing procedures.
- Proper disposal practices for all materials.
- Procedures for storage and inspection items.
- Proper filling and transfer procedures.
- Spill response
- Good housekeeping
- Material management practices
- Procedures for equipment and container washing.



INSPECTIONS

- Conduct an inspection of the facility at least quarterly.
 - Look for signs of leakage quarterly.
 - Inspect all equipment containing oily parts, hydraulic fluids, or any other type of fluids.
 - All liquid storage areas
- Review BMPs after each inspection and modify them and the SWPPP or SWMP as needed.



Contacts

Environmental Quality Control - (402)-444-3908
5600 South 10th Street
Omaha, NE 68107
State NDEQ - (877)-253-2603
EPA Region 7 - (913) 281-0991
www.omahastormwater.org

