
***New
Federal
Rules
Require
Use of
Best
Management
Practices***

Dry Abrasive Blasting

- Minimize excess dust in the surrounding area to reduce metal dust emissions.
- If possible, capture dust emissions and vent them to a filtration control device.
- Enclose dusty abrasive material storage areas and holding bins, also seal chutes and conveyors that transport abrasive blasting materials.
- If possible, minimize dust generation during emptying of abrasive blasting enclosures to reduce metal dust emissions.
- Do not reuse the blasting media unless contaminants have been removed via filtration or screening and the abrasive material conforms to its original size.
- Switch from blasting media that breaks down easily, such as sand, to blasting media that does not break down as easily, such as steel shot, when practical.



Dry Grinding and Polishing

- Minimize excess dust in the surrounding area to reduce metal dust emissions.
- Capture emissions and vent them to a filtration control device, such as a filter vent or baghouse.

Spray Painting

- Inspect filters weekly and replace according to manufacturer's instructions.
- Conduct all painting in a ventilated, filtered spray booth or spray room.
- Spray paint using an HVLP (high volume/low pressure) or equivalent type spray gun.
- Clean spray guns with non-hazardous air pollutant gun cleaning solvents with as little mist or spray as possible, (for example, submerging tip while spraying) collecting the resultant mixture.

**ATTENTION:
Metal Fabrication
Shops**

Welding

- Use welding processes with reduced fume generation capabilities (such as gas metal arc welding or metal inert gas).
- Use welding process variations that can reduce fume generation rates (such as pulse current gas metal arc welding).
- Use welding filler materials, shielding gases, carrier gases, or other process materials capable of reducing fume generation.
- Optimize welding process variables (such as electrode diameter, voltage, amperage, welding angle, etc.)
- Use welding fume capture and control systems.

For more information, contact the West Virginia Department of Environmental Protection's Small Business Assistance Program, (304) 926-0499, extension 1245.

