

Hot Work Area Designation - FMI Morenci

Hot work is any process that can be a source of ignition when flammable or combustible materials are present, or can be a fire hazard regardless of the presence of flammable/combustible materials in the workplace. Common hot work processes are welding, soldering, cutting, grinding, and brazing. A hot work permit is required for hot work operations unless working in a designated 'fire safe' area. Fire safe areas shall be documented by management.

Process:

1. Review Health and Safety [FCX-HS06- Hot Work Policy](#) to apply the requirements for issuing a Hot Work Permit. Permit requirements are the same for Hot Work designated areas.
2. Complete the following questionnaire to determine if the area meets the requirements to designate a hot work zone.
3. Perform workplace exams as necessary to identify infiltration of flammables/combustibles.
4. Evaluate areas annually; ensure documentation is filed in division.
5. Ensure annual employee orientation and inclusion in site specific for affected areas.

Requirements: The area(s) is confirmed free from or at a safe distance from combustibles/flammable such as:

- Fuel & storage tanks
- Pressure vessels and piping systems/
- Rubber lined equipment & belts
- Powder magazines within 100ft/30m of hot work
- Dust collectors. Vessels or Confined Spaces
- SX/EW Operations
- Heavy & Mobile Equipment
- Combustible or flammable materials within 35ft/11m of the hot work
- Gas/fuel/oxy within 50ft/23m of hot work
- Signs are posted designating Hot Work Areas
- Interference with egress or evacuation

Prior to the start of the Hot Work, the operator verifies the area meets the:

- Fire extinguishers are in working condition and readily available.
- Ventilation is adequate or working properly if provided in the area.

All boxes must be checked for area to be determined a DESIGNATED HOT WORK AREA

Date: _____ Division: _____ Shop Name: _____

Hot work Designated AREA: _____

Evaluated by Supervision (Name and Signature): _____

Safety Approver (Name & Signature): _____

Approved Denied | Comments: _____