



Hot Works & Welding Safety



What is Hot Work?

Hot work includes any activity that creates heat, sparks, or flames, such as welding, brazing, or grinding. These activities can be dangerous if proper safety measures aren't followed, especially in confined spaces.

Hot Work Permit Requirements

Equipment Check

All welding equipment, shields, PPE, and fire extinguishers must be in good working condition

Floor Preparation

35 ft radius must be swept clean of combustible materials

Floor Protection

Combustible floors must be kept wet or covered with damp sand

Material Relocation

Move combustible materials 35 ft away or protect with fire-retardant covers

Welding Hazards

 Burns & Fire

 Impact

 Dust & Fumes

 Heat

 Radiation

 Asphyxiation

Key Safety Points

- Only work in designated areas that are fire-safe
- Ensure proper ventilation based on metals and compounds used
- Cover all drains and sumps to prevent spark entry
- Follow the procedures for welding operations

⚠ Remember: Hot work is only allowed in designated areas or after making the area fire-safe!

Safety Slogan: "Better to be safe than sorry - Follow hot work procedures!"
If you have any questions about hot work safety, please ask your supervisor.