

HOT WORK SAFETY

Welding, cutting, and brazing are hazardous activities that pose a unique safety and health risks to more than 500,000 workers.

Team Work

Hot work may include spark and high heat producing job tasks such as grinding, welding, soldering, thermal or oxygen cutting or heating. Advanced planning and safe work procedures help preventing workplace fires caused by hot works activities.

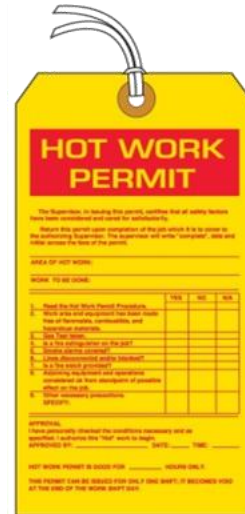
Hot Work Hazards

- Flying objects
- Fire
- Radiation
- Metal fumes & oxides
- Burns
- Hot slag
- Intense light
- Noise
- Electrical shocks



Hot Work Procedures

- The hot work permit requester surveys the worksite, tools, and materials before work begins.
- Contact the Safety Department or your supervisor for a Hot Work Permit.
- Combustible materials need to be moved away from the work area (minimum 35 ft.) , or shielded and protected from the hot work.
- Any floor cracks or openings, and wall or ceiling openings within 35 feet of the hot work need to be covered with flameproof shields, or protected by a fire watch. Warning signs, barriers, and welding screens are required.
- Remove flammable liquids (essence, ink, solvents, gasoline, etc).
- A fire extinguisher must be available where the hot work is done.



- Assign Fire Watch - Firewatchers watch for fires during hot work operations and at least 30 minutes afterward.
- Use proper PPE such as welding hood, insulated gloves, fire resistant clothing, respirator, etc.
- Follow compress gas cylinder safe work practices.

Check for Understanding

- Give example of 3 Hot Work activities.
- Why fire watch is assigned to hot work?
- How many feet should combustible materials be moved away from the work area?



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TRAINING ROSTER

Date	Shift / Crew	Trainer
No	Employee Name	Employee Signature
1		
2		
3		
4		
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Follow-up / Recommendations / Corrective Actions		

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