

Hot Work Safety (Welding, Cutting, Grinding)

Introduction

Hot work can ignite nearby and hidden combustibles. Complete the site assessment and required authorization or permit before work; permit and fire-watch requirements depend on the task, location, and applicable rules.

Hazards & Controls

Remove or protect combustibles, inspect openings and adjacent spaces, and control sparks. For covered welding and cutting, relocate combustibles at least 35 feet where practicable or use the required protection. A 35-foot radius alone does not control every exposure.

Confirm fire-watch coverage when required, suitable extinguishers, and safe equipment. Assess fumes, ventilation, cylinders, and atmospheric hazards separately. Do not work on containers or in hazardous atmospheres without the specific preparation and controls required. Stop when permit conditions change.

Follow the employer's fire prevention and emergency action procedures and the requirements for the task and industry. These awareness notes do not authorize firefighting or replace required training.

Safety Reminders

Keep escape routes clear and know how to raise the alarm. Evacuate when directed or when conditions are unsafe. Never delay escape or attempt a response beyond your training and authorization.

Engagement Questions

Where could sparks travel, and what must be verified before starting?

What site-specific hazards or changes would make us stop work?

Sources and use notice

OSHA: Portable Fire Extinguishers (1910.157)

OSHA: Construction Fire Prevention for Hot Work

These materials are general educational suggestions, provided as is. They may contain errors or omissions and are not a complete safety program, professional advice, or a substitute for required training. Employers and users must independently verify the information, assess site hazards, and follow current applicable requirements and manufacturer instructions before use. To the extent permitted by applicable law, SAVIOR Supplies disclaims warranties of accuracy, completeness, and suitability and liability for loss, injury, or damage arising from use of these materials. Nothing excludes liability or rights that cannot lawfully be excluded. Attendance does not establish competency. Not an OSHA publication or endorsement.

Meeting Record & Sign-In

Hot Work Safety (Welding, Cutting, Grinding)

Company: _____ Date: _____

Jobsite: _____ Presenter: _____

Time / duration: _____ Crew / shift: _____

Site-specific hazards and controls discussed

	Printed name	Signature
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Follow-up action / responsible person / due date

Signatures record participation only. They do not establish competency, certify compliance, or waive rights. Retain completed sheets under company policy. Print additional copies for larger crews.