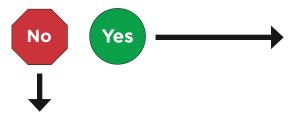
Hot work permit decision tree for contractors



This decision tree should be used to help determine if hot work is appropriate, if a hot work permit is needed, and if hot work may be performed.

1. Is there an acceptable alternative to hot work?



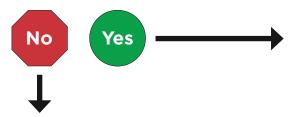
Utilize alternative methods such as pressed or crimped fittings, PEX, hydraulic shears, mechanical bolting/cutting, screwed, flanged or clamped pipe. No hot work permit needed.

2. Can hot work be performed in a designated fire safe area (e.g., non-combustible maintenance or fabrication shop)?



Inspect the area to ensure it is fire safe and hot work may be performed without a permit.

3. Will the hot work be performed in a non-designated area, but where fire hazards can be controlled?



A hot work permit is required.

4. It must be a non-permissable area where fire hazards cannot be controlled, such as explosive atmospheres or presence of combustible solids or dusts. In this case:



Hot work is not permitted.

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Hot work permit for construction



Good for one day only

Signature of permit-authorizing individual (PAI): __

This hot work permit is required for any operation involving open flame or producing heat and/or sparks. This includes, but is not limited to, welding, brazing, cutting, grinding, soldering, thawing pipe, torch-applied roofing, and powder actuated tools.

Project #:	Permit #:		Requirements within 35 ft (11M) of hot work
Project name:			Flammable liquid, compressed gases, dust, lint and oily
Hot work by: Employee Contractor			deposits removed.
Location (Bldg/Floor):			Explosive atmosphere in area eliminated.
Work to be completed:			Floors swept clean and combustible materials removed.
Date: Time started: Time completed:			Protect combustible floors with damp sand, fire-resistive materials or other approved methods.
Pre-work activities			Other combustible storage material removed or covered with listed or approved materials (welding pads, blankets or curtains; fire resistive tarpaulins), metal shields, or non-combustible materials.
Available sprinklers, hose streams and extinguishers are in service and operable.			
Hot work equipment is in good working condition in			Openings in walls, floors and roofs covered.
accordance with manufacturer's specifications. I verify that I have been properly trained in hot work procedures and understand requirements outlined in NFPA 51B and or ANSI Z49.1.			Ducts and conveyors that could carry sparks are covered, protected, or shut down.
			Thermal elements on fire sprinklers protected from heat and accidental activation.
Requirements for hot work on walls, ceilings or roofs			Requirements for hot work fire watch and fire monitoring
Wall construction is non-combustible and combustible			Fire watch is provided with suitable extinguisher.
coverings or insulation are removed.			Fire watch is trained in use of equipment and sounding alarm.
Combustible material on other side of walls, ceilings, or roofs are removed or protected from hot work area.			Fire watch is provided during and for a minimum of 1 hour after hot work, including any break activity.
Combustible walls and flooring must be properly protected with welding blankets, welding curtain/pads or equivalent.			For torch-applied roofing, fire watch period is a minimum of 2 hours after torches have been extinguished. Yes N/A
Requirements for hot work on enclosed equipment			Is Fire watch required in adjoining areas, above and below?
Enclosed equipment is cleaned of all combustibles.		ned of all combustibles.	Yes No
Containers are purged of flammable liquid/vapor.		mmable liquid/vapor.	PAI extending fire watch beyond 1 hour? Yes No
Pressurized vessels, piping and equipment removed from service, isolated and vented.			
I varify that the	hove location has been	n examined the pressutions marked on the	e checklist below have been taken, and permission granted for this work.
-			. Checking Scient have been taken, and permission granted for this work.
	idual doing hot w		
	erson doing hot v		
Name of perso	on permitted (PAI):	

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