

Designated Hot Work Area Approval Form

A designated hot work area is a permanent location designed for hot work (e.g., welding, cutting, brazing, grinding, and soldering). Environmental Health and Safety (EHS) will use this form to evaluate and approve the area as a designated hot work area. All checklist items must be verified as “Yes” for an area to be designated a hot work area. Once approved by EHS, a copy of this form will be provided to the area’s responsible contact. The approved area will not require a hot work permit to perform hot work so long as the requirements outlined in this form and the Welding, Cutting, and Brazing (Hot Work) [program](#) are met. If the work area’s configuration, equipment, and/or occupancy changes, the area will no longer be classified as a designated hot work area until the area’s responsible contacts EHS for a re-evaluation. EHS reserves the right to suspend or cancel any previously designated hot work area approvals.

General Information:				
Building Name		Location/Room #		
Group(s) Performing the Hot Work		Affiliation		
Contact Name		Date		
Type(s) of Hot Work Performed:				
<input type="checkbox"/>	Welding	<input type="checkbox"/>	Brazing	
<input type="checkbox"/>	Cutting	<input type="checkbox"/>	Grinding	
<input type="checkbox"/>		<input type="checkbox"/>	Soldering	
<input type="checkbox"/>		Other:		
			Yes	No
1. Safety data sheets are available for all applicable products (e.g., welding rods, solder).				
2. Fire protection equipment such as sprinkler systems, and a dry chemical (class ABC) fire extinguisher are in service and operable.				
3. Hot work equipment is visually in good working order (e.g., hoses, cylinders, etc.).				
4. Compressed gas cylinders are secured, and the hoses are in good working condition.				
5. The hot work surface is noncombustible material (e.g., carbon steel, stainless steel, cast iron, and aluminum tables).				
6. A qualified electrician must verify that equipment and applicable items are grounded according to the manufacturer’s manuals.				
7. The area is free of flammable and combustible liquids and materials (e.g., dust, lint, wood, and oil deposits), and chemical hazards or is located at least 35 feet from the work site or protected by fire-resistant curtains, pads, or blankets.				
8. The area is segregated from adjacent areas with no openings or cracks in walls and floors.				
9. The construction of the area is noncombustible (e.g., concrete, masonry, steel) or protected with fire-resistant curtains, pads, or blankets. Equipment in the area must be protected or shut down.				
10. A mechanical ventilation system with a minimum airflow rate of 2,000 cubic feet per minute per unit or a local exhaust hood or booth as near as practicable to the work being done with a rate of air flow sufficient to maintain a velocity of 100 linear feet per minute.				
Type of ventilation system:				
Air flow rate:				
11. Designated hot work area signage is posted at the work area and if applicable, signage is posted for maximum local exhaust distance from the welding area (e.g., 6 inches).				
EHS Approver				
Name		Signature:		