

## 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 designated hot work areas. All checklist items must be verified as “Yes” for an area to be classified and approved as a designated hot work area. Approved areas will typically 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. Hot work activities in unapproved areas must adhere to permit requirements set forth in the Welding, Cutting, and Brazing (Hot Work) [program](#). If an approved area’s configuration, characteristics, equipment, and/or occupancy changes, the area will cease to be classified and approved as a designated hot work area until EHS performs a re-evaluation. EHS reserves the right to suspend or cancel any previously designated hot work area classifications and approvals without advanced notice.

General Information:										
Building or Address:				Room Name / #:						
School or Unit:				Contact Name:						
Group(s) Performing Hot Work: <i>(e.g., staff, contractors)</i>										
Type(s) of Hot Work Performed:										
Welding	Brazing	Soldering	Cutting	Grinding	Other:					
									Yes	No
1. Safety data sheets are available for all applicable products (e.g., welding rods, solder, etc.).										
2. Fire protection equipment (e.g., sprinkler systems, dry chemical ABC fire extinguishers) 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 from tipping and the hoses are in good working condition.										
5. The hot work surface is a noncombustible material (e.g., carbon steel, stainless steel, cast iron, and aluminum tables, etc.).										
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, etc.) 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.										
Ventilation system type:										
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).										
<b>12. Is the area classified and approved as a designated hot work area?</b>										
EHS Representative										
Name:			Signature:				Date:			