

HOT WORK PERMIT

Date:

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1. Complete Hot Work Permit for all Hot Work per MSC-RD-9900. (Hot work activities include welding, cutting, grinding, heating, spark producing or open flame (including soldering).
2. Obtain all signatures.
3. If work does not start with the same shift, re-verify conditions and initial permit before starting work.
4. Ensure each oncoming supervisor, worker, or fire watch reviews and initials this permit before starting their shift.
5. See Appendix A of MSC-RD-9900 for hot work Classifications.

Location (Area/Building)	Work Package/Request/Contract	Job Supervisor/Superintendent	Company

Work Scope/Description: High Hazard Low Hazard Exclusion (Note)

Note: Exclusion activities do not require a hot work permit unless specifically requested by the superintendent, FPE, Safety and Health or other responsible party.

Composition of base and filler materials: (include MSDS #, if known)

Yes	No	N/A	Fire Protection Criteria Inspection Checklist
			Precautions
<input type="checkbox"/>		<input type="checkbox"/>	Are sprinklers in service?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Has the nearest fire alarm box been located?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are smoke detectors in the work area bypassed or otherwise protected?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is work being performed in a pre-designated hot work area? (If yes, has a Fire Marshal Permit per MSC-RD-8589 been issued and current?)
<input type="checkbox"/>			Hot work equipment in good repair (e.g., hoses, torches, etc.)?
<input type="checkbox"/>			Non-explosive atmosphere?
<input type="checkbox"/>		<input type="checkbox"/>	Adequate ventilation/exhaust systems provided and functional?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Proper electrical connections/grounding for welders?
<input type="checkbox"/>			Hanford Fire Marshal notified for High Hazard activities? (FAX 373-5846 copy of permit)
<input type="checkbox"/>	<input type="checkbox"/>		Person performing hot work is wearing fire retardant PPE (e.g., fire retardant coveralls, or leathers)? *
			Within 35 Feet of Work (May be adjusted accordingly with proper approvals) *
<input type="checkbox"/>		<input type="checkbox"/>	Flammable and combustible materials and liquids relocated or protected?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Compressed gas/LPG bottles properly located/secured/protected?
<input type="checkbox"/>		<input type="checkbox"/>	Wall, floor, duct and tank openings covered?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Service piping/electrical systems protected?
<input type="checkbox"/>		<input type="checkbox"/>	Floors and other surfaces swept clean of all combustibles?
<input type="checkbox"/>		<input type="checkbox"/>	Combustible floor wetted down or covered with damp sand, metal or other materials?
			Work on Walls/Ceilings
<input type="checkbox"/>		<input type="checkbox"/>	Noncombustible construction and noncombustible covering?
<input type="checkbox"/>		<input type="checkbox"/>	Combustibles moved away from opposite side of wall?
			Work on or in Enclosed Spaces
<input type="checkbox"/>	<input type="checkbox"/>		Is job in a confined space? (If yes, see MSC-PRO-110)
<input type="checkbox"/>	<input type="checkbox"/>		Does work involve a tank, piping or container?
<input type="checkbox"/>		<input type="checkbox"/>	Enclosure and/or surfaces cleaned of combustible/flammable/toxic residue and materials?
<input type="checkbox"/>		<input type="checkbox"/>	Have flammable vapors been purged?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Flammable gas check required?
<input type="checkbox"/>		<input type="checkbox"/>	Area free of flammable/combustible materials?
<input type="checkbox"/>		<input type="checkbox"/>	Adequate ventilation provided?

HOT WORK PERMIT (continued)

Yes	No	N/A	Fire Protection Criteria Inspection Checklist (continued)
			Fire Watch(es)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Designated fire watch(es) stationed with no other job assignments? **
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fire Extinguisher(s) provided, inspection tags current?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fire watch(es) know to remain throughout and 30 minutes after hot work operations?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fire watch(es) trained in fire extinguisher use and sounding alarm/contacting HFD?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Know to watch hidden areas with combustibles present (above/below/other side of wall, roofs, or floor, etc.) and maintain line of sight of work area and welder? (May require two fire watches.)
			Industrial Hygiene Criteria Inspection Checklist
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Has a hot work package release been issued?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is chromium contained in base or filler metals?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Have Material Safety Data Sheets been reviewed?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Have surface coatings/toxic residues been removed?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is local exhaust needed and available?

Special Instructions/Remarks: (Note: Include respiratory protection, local exhaust ventilation, additional PPE and personal hygiene requirements.)

HOT WORK PERMIT (continued)

APPROVAL Required For All Permits

Facility Supervisor: Before approval, review completed permit with Job Supervisor/Superintendent and identify any flammable materials or hazardous conditions present in or near the work area. Permit requirements must be understood and implemented.

This permit valid until (time) _____ on (date) _____

Job Supervisor/Assigned Superintendent

Facility Supervisor

FPE (for Non-designated High Hazard Only)

Industrial Hygiene/Safety (as applicable)

*Deviation Approvals

*Approval for PPE or separation distance deviation (specify in special instructions).

Job Supervisor/Assigned Superintendent

Fire Watch

Welder

FPE Concurrence (High Hazard Only)

****In no case may both the Fire Retardant PPE and the designated fire watch requirement be waived for a given job.**

Note: For hot work covered by this hot work permit that extends beyond one or more shifts, the oncoming supervisor/superintendent, fire watch and worker for each subsequent shift must sign and date the log sheet (Page 4).

Worksite Restoration

1. Detectors removed from service have been restored or arrangements made to return them to service.

Signed _____

Job Supervisor/Assigned Superintendent

2. Work area and all nearby areas where sparks and hot material might have spread (including floors above and below and on opposite sides of walls) have been inspected for 30 minutes after completion of the work and are fire-safe.

Signed _____

Job Supervisor/Superintendent or Fire Watch

NOTE: When changes occur in the field which could impact the validity of this form and/or the job/task AJHA or JSA, both the AJHA/JSA and this form shall be reviewed and updated as necessary to reflect the filed changes.

