



HOT WORK PERMIT



STOP!

Avoid hot work when possible! Consider using an alternative cold work method.

This Hot Work Permit is required for any temporary operation involving open flames or producing heat and/or sparks conducted outside a Hot Work Designated Area. This includes, but is not limited to: brazing, cutting, grinding, soldering, torch-applied roofing and welding.

Instructions for Permit Authorizer/Fire Safety Supervisor

- Specify the precautions to take.
- Fill out and keep **Part 1** during the hot work process.
- Issue **Part 2** to the person doing the job.
- Keep **Part 2** on file for future reference, including signed confirmation that the post-work fire watch and monitoring have been completed.
- Sign off final check on **Part 2**.

Part 1

Required Precautions

Y NA

- The fire pump is in operation and switched to automatic.
- Control valves to water supply for sprinkler system are open.
- Extinguishers are in service/operable.
- Hot work equipment is in good working condition.

Requirements within 35 ft. (10 m) of hot work

- Shield combustible construction using FM Approved welding pads, blankets and curtains.
- Remove combustibles or shield nonremovable combustibles using FM Approved welding pads, blankets and curtains.
- Isolate potential sources of flammable gas, ignitable liquid or combustible dust/lint (e.g., shut down equipment).
- Remove ignitable liquid, combustible dust/lint and combustible residues.
- Shut down ventilation and conveying systems.
- Remove combustibles and consider a second fire watch on opposite side of floor, wall, ceiling or roof when openings exist or thermally conductive materials pass through.
- Does site contain combustible construction (with or without concealed spaces), warehousing, or other heavy combustibles? If yes, treat as "Hot Work High-Risk Area" and provide **ADDITIONAL REQUIRED PRECAUTIONS** below.
- Is work on a combustible roof? If yes, treat as a "Hot Work High-Risk Area" and provide **ADDITIONAL REQUIRED PRECAUTIONS** below.

Hot work on/in closed equipment, ductwork and piping

- Isolate equipment from service.
- Remove ignitable liquid and purge flammable gas/vapor.
- Remove combustible dust/lint or other combustible materials.
- Is work on/in equipment with nonremovable combustible linings or parts? If yes, treat as a "Hot Work High-Risk Area" and provide **ADDITIONAL REQUIRED PRECAUTIONS** below.

Fire watch/fire monitoring the hot work area

- Perform a continuous fire watch during hot work.
- Perform a continuous fire watch following hot work completion for 60 minutes.
- Perform a final checkup of the area following the fire watch after hot work completion.

ADDITIONAL REQUIRED PRECAUTIONS:

- "Hot Work-High-Risk Area"** — perform fire monitoring following fire watch completion for 3 hours.
- "Hot Work-Standard Area"** — perform fire monitoring following fire watch completion for 1 hour. Active monitored fire detection systems are an acceptable fire monitoring option.

HOT WORK BY

- Employee
- Contractor _____

DATE _____ BUILDING _____

LOCATION OF WORK (FLOOR/OBJECT) _____

WORK TO BE PERFORMED _____

NAME OF PERSON PERFORMING HOT WORK _____

NAME OF PERSON PERFORMING FIRE WATCH _____

I verify the above location has been examined, the Required Precautions have been taken, and permission is authorized for this work.

PERMIT AUTHORIZER/FIRE SAFETY SUPERVISOR (PRINT AND SIGN)

THIS PERMIT EXPIRES ON (LIMIT AUTHORIZATION TO ONE SHIFT):

DATE: _____ TIME: _____ AM/PM

Note: Emergency notification on back of form. Use as appropriate for your facility.

Need more permits? Order additional Hot Work Permits at fmglobalcatalog.com; or, download the FM Global Hot Work Permit App via fmglobal.com/apps.





WARNING



HOT WORK IN PROGRESS! Watch for fire!

Instructions

Person performing hot work: Record time started and display permit at hot work area. After hot work is completed, record time and leave permit displayed for fire watch.

Fire watch: Watch area during hot work and after work completion. Prior to leaving area, perform final inspection, sign, leave permit displayed and notify Fire Monitor or Permit Authorizer/Fire Safety Supervisor.

Fire Monitor: Monitor area after post-work fire watch completion. Perform final inspection, sign and return to Permit Authorizer/Fire Safety Supervisor.

HOT WORK BY

Employee

Contractor _____

DATE

BUILDING

LOCATION OF WORK (FLOOR/OBJECT)

WORK TO BE PERFORMED

NAME OF PERSON PERFORMING HOT WORK

NAME OF PERSON PERFORMING FIRE WATCH

I verify the above location has been examined, the Required Precautions have been taken, and permission is authorized for this work.

PERMIT AUTHORIZER/FIRE SAFETY SUPERVISOR (PRINT AND SIGN)

THIS PERMIT EXPIRES ON (LIMIT AUTHORIZATION TO ONE SHIFT):

DATE: _____ TIME: _____ AM/PM

Hot Work Date: _____ Start Time: _____ am/pm
Finish Time: _____ am/pm

Post-Work Fire Watch _____ Finish Time: _____ am/pm

Name

Fire Monitor High Risk Standard Finish Time: _____ am/pm

Name/Other

Final Check _____ Time: _____ am/pm

Name

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Part 2

Y NA

- The fire pump is in operation and switched to automatic.
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- Remove combustibles or shield nonremovable combustibles using FM Approved welding pads, blankets and curtains.
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- Is work on a combustible roof? If yes, treat as a "Hot Work High-Risk Area" and provide **ADDITIONAL REQUIRED PRECAUTIONS** below.

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WARNING!

HOT WORK IN PROGRESS Watch for fire!

In case of emergency, utilize local emergency systems and call the contacts listed below.

Number
UI Campus - 911
UIHC - 195

WARNING!

Please send completed hot work permits to Risk Management.

Risk Management
430 Plaza Centre One
The University of Iowa
Iowa City, IA 52242-2501

