Appendix B - University of Iowa Hot Work Permit



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.

Hot Work Designated Area. This int	crudes, but is not innited to: bra	2111	g, c	cutting, grinding, soldering, torch-applied rooning and welding.
	Pa	ırt	1	
Instructions for Permit Authorizer/Fire Safety Supervisor		١v	NA.	Required Precautions
Specify the precautions to take.		1		The fire pump is in operation and switched to automatic.
2. Fill out and keep Part 1 during the hot work process.				Control valves to water supply for sprinkler system are open.
3. Issue Part 2 to the person doing the job.			1	Extinguishers are in service/operable.
4. Keep Part 2 on file for future reference, including signed confirmation				Hot work equipment is in good working condition.
that the post-work fire watch and monitoring have been completed.		-	•	
5. Sign off final check on Part 2.				Requirements within 35 ft. (10 m) of hot work
			L	Shield combustible construction using FM Approved
			_	welding pads, blankets and curtains.
HOT WORK BY			П	Remove combustibles or shield nonremovable combustibles using FM Approved welding pads, blankets and curtains.
☐ Employee		l	17	Isolate potential sources of flammable gas, ignitable liquid
Contractor		1		or combustible dust/lint (e.g., shut down equipment).
DATE	JOB NUMBER			Remove ignitable liquid, combustible dust/lint and combustible residues.
				Shut down ventilation and conveying systems.
LOCATION OF WORK (BUILDING/FLOOR/	OBJECT)		П	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.
WORK TO BE PERFORMED		1-	П	Does site contain combustible construction (with or without concealed
				spaces), warehousing, or other heavy combustibles? If yes, treat
NAME OF PERSON PERFORMING HOT WORK		1		as "Hot Work High-Risk Area" and provide ADDITIONAL REQUIRED PRECAUTIONS below.
10.000		l		Is work on a combustible roof? If yes, treat as a 'Hot Work High-Risk
NAME OF PERSON PERFORMING FIRE WATCH		1	' '	Area' and provide ADDITIONAL REQUIRED PRECAUTIONS below.
TANKE OF PERSON PERSON				
I verify the above location has been examined, the Required Precautions				Hot work on/in closed equipment, ductwork and piping
have been taken, and permission is authorized for this work.				Isolate equipment from service.
PERMIT AUTHORIZER/FIRE SAFETY SUPE	DVISOD (DDINT AND SIGN)	I =		Remove ignitable liquid and purge flammable gas/vapor.
FERMIT AUTHORIZENTINE GAPETT GOVERNIGON (FRINT AND GIGN)				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
THIS PERMIT EXPIRES ON (LIMIT AUTHORIZATION TO ONE SHIFT):				ADDITIONAL REQUIRED PRECAUTIONS below.
THE CHIEF CH LEWIN ACTION	TESTION TO ONE OTHER			
DATE: TIM	ME: AM/PM	[.		Fire watch/fire monitoring the hot work area
		ŀ	_	Perform a continuous fire watch during hot work.
Note: Emergency notification on back of form.			I	Perform a continuous fire watch following hot work completion for 60 minutes.
Use as appropriate for your facility.			لــــــــــــــــــــــــــــــــــــــ	Perform a final checkup of the area following the fire watch after
Need more permits? Order additional Hot Work Permits at				hot work completion.
fmglobalcatalog.com; or, download the FM Global Hot Work Permit App				
via fmglobal.com/apps.				ADDITIONAL REQUIRED PRECAUTIONS:
]	"Hot Work High-Risk Area" — perform fire monitoring following fire
				watch completion for 3 hours.
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WARNING



HOT WORK IN PROGRESS! Watch for fire!

	_	rt 2				
Instructions			Y NA	Required Precautions		
Person performing hot work: Record time started and display permit at				The fire pump is in operation and switched to automatic.		
hot work area. After hot work is completed, record time and leave permit			I .	Control valves to water supply for sprinkler system are open.		
displayed for fire watch.			П	Extinguishers are in service/operable.		
Fire watch: Watch area during hot work and after work completion. Prior			Ш	Hot work equipment is in good working condition.		
to leaving area, perform final inspection, sign, leave permit displayed and				not work equipment is in good working condition.		
notify Fire Monitor or Permit Authorizer/Fire Safety Supervisor.				Requirements within 35 ft. (10 m) of hot work		
Fire Monitor: Monitor area after post-work fire watch completion. Perform			11.1	Shield combustible construction using FM Approved		
final inspection, sign and return to Permit Authorizer/Fire Safety Supervisor.				welding pads, blankets and curtains.		
HOT WORK BY			ПП	Remove combustibles or shield nonremovable combustibles		
□ Employee				using FM Approved welding pads, blankets and curtains.		
Contractor			ПП	Isolate potential sources of flammable gas, ignitable liquid		
			- L	or combustible dust/lint (e.g., shut down equipment).		
DATE	JOB NUMBER		1	Remove ignitable liquid, combustible dust/lint and combustible residues		
				Shut down ventilation and conveying systems.		
LOCATION OF WORK (BUILDING/FLOOR/OBJECT)				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.		
WORK TO BE PERFORMED			1	Does site contain combustible construction (with or without concealed		
Work to be the work to				spaces), warehousing, or other heavy combustibles? If yes, treat		
NAME OF PERSON PERFORMING HOT WORK				as "Hot Work High-Risk Area" and provide ADDITIONAL REQUIRED		
NAME OF PERSON PERFORMING HOT WORK				PRECAUTIONS below.		
				Is work on a combustible roof? If yes, treat as a 'Hot Work High-Risk Area' and provide ADDITIONAL REQUIRED PRECAUTIONS below.		
NAME OF PERSON PERFORMING FIRE WATCH				Area and provide ADDITIONAL RECOINED PRECACTIONS below.		
			-	Hot work on/in closed equipment, ductwork and piping		
I verify the above location has been examined, the Required Precautions				Isolate equipment from service.		
have been taken, and permission is authorized for this work.				Remove ignitable liquid and purge flammable gas/vapor.		
PERMIT AUTHORIZER/FIRE SAFETY SUPERVISOR (PRINT AND SIGN)				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		
THIS PERMIT EXPIRES ON (LIMIT AUTHORIZATION TO ONE SHIFT):				ADDITIONAL REQUIRED PRECAUTIONS below.		
THIS PERMIT EXPINES ON (CIMIT ACTIONIZATION TO ONE SHIPT):						
DATE:	TIME:	AM/PM		Fire watch/fire monitoring the hot work area		
Hot Work Date:	Start Time:	am/pm	1⊔	Perform a continuous fire watch during hot work.		
	Finish Time:	am/pm	П	Perform a continuous fire watch following hot work completion for		
Post-Work Fire Watch	Finish Time:	am/pm	┨	60 minutes.		
. Socretoir i no statuli	i moli Time.	anthin	$ \Box \Box$	Perform a final checkup of the area following the fire watch after hot work completion.		
Name			1	not work completion.		
Fire Monitor ☐ Person ☐ Other	Finish Time:	am/pm				
				ADDITIONAL REQUIRED PRECAUTIONS:		
Name/Other			\sqcup	"Hot Work High-Risk Area" — perform fire monitoring following fire		
Final Check	Time:	am/pm		watch completion for 3 hours.		
Name						
			1			
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WARNING!

HOT WORK IN PROGRESS Watch for fire!

In case of emergency, call the contacts listed below before attempting to extinguish the fire.

Number			
UI Campus - 911			
UIHC - 195			

WARNING!





