

## Hot Work Permit

A Hot Work Permit is required for any work involving electric or gas welding, cutting, brazing or similar flame or spark-producing operations. Also included are: torch soldering, thermite welding, torch-applied roofing and temporary heating. Electronics soldering using an electric soldering iron or gun is not covered.

Once all precautions that are specified on this permit are in place, authorization to proceed is granted.

**Instructions:**

1. Verification below is to be completed by a qualified Purchase College employee.
2. All hot work shall be evaluated using the checklist on page 2.
3. If conditions are not met, then the hot work cannot be performed until controls are in place.
4. This Permit must be available / displayed at the Hot Work site.
5. In the event of a fire, call the emergency phone Number: (914)251-6911
6. Upon completion of the work, the permit shall be returned to the EH&S Department for filing.

Hot Work Being Done By:

Purchase College Employee (Name): \_\_\_\_\_

Contractor (Company): \_\_\_\_\_

Start Date / Time: \_\_\_\_\_ Permit Expires Date / Time: \_\_\_\_\_

Work Order #: \_\_\_\_\_

Building: \_\_\_\_\_ Floor: \_\_\_\_\_ Location: \_\_\_\_\_

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Nature of Job / Object Involving Hot Work (detailed description):

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I certify that the work location and equipment have been examined, and all of the precautions checked on the Required Precautions Checklist are in place.

Permit Issued By: \_\_\_\_\_  
(Name Printed) (Signature)

Fire Detection Disabled (Name): \_\_\_\_\_ Date / Time: \_\_\_\_\_

Fire Detection Reactivated (Name): \_\_\_\_\_ Date / Time: \_\_\_\_\_

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### Hot Work - Required Precautions Checklist

<u>Item</u>	<u>Yes</u>	<u>No</u>	<u>N / A</u>		
Automatic fire detection disabled.					
Appropriate sprinklers, hose streams, and extinguishers (2A:20BC) in service/operable.					
Hot work equipment is in good repair.					
Flash back arresters installed.					
Workers properly licensed / trained.					
<b><u>Requirements within 35 feet of Hot Work:</u></b>					
Flammable liquids, dust and oily deposits removed.					
Explosive atmosphere in area eliminated.					
Floors swept clean.					
Combustible floors wet down, covered with damp sand or fire-resistant sheets.					
Combustible material removed where possible. Otherwise protect with fire-resistant tarpaulins, fire-resistant blankets, fire-resistant curtains or metal sheets.					
All wall and floor openings covered.					
Fire-resistant welding pads, fire-resistant blankets or fire-resistant curtains suspended beneath work.					
<b><u>Hot Work on Walls, Ceilings or on Roofs:</u></b>					
Construction is non-combustible and without combustible covering or insulation.					
Combustible material on other side of walls, ceilings or roofs is moved away.					
Consider extending duration fire watch on roof and area below.					
<b><u>Hot Work on Enclosed Equipment</u></b>					
Enclosed equipment cleaned of all combustible material.					
Containers purged of flammable liquid / vapors.					
Pressurized vessels, piping and equipment removed from service, isolated and vented.					
<b><u>Fire Watch:</u></b>					
Fire watch provided during and for 30 minutes after work, including any coffee or lunch breaks.					
Fire watch has suitable extinguishers.					
Fire watch trained in use of extinguishing equipment and in sounding an alarm.					
Fire watch required for adjoining areas, above and below.					
<b><u>Other precautions taken:</u></b>					
Confined space entry permit required.					
Ample ventilation to remove smoke/fume from work area.					
Lockout/tagout required.					