

## **Hot Work Permit**

BEFORE INITIATION HOT WORK, ENSURE <u>ALL</u> PRECAUTIONS ARE IN PLACE! MAKE SURE AN APPROPRIATE FIRE EXTINGUIRSHER IS READILY AVAILABLE!

Instructions			Required Precautions Checklist
Supervisor: 1. Complete precaution checklist at right 2. Complete this form and retain Part 1 3. Issue Part 2 to competent person performing			<ul> <li>Sprinkler protection in service. If fire suppression is taken offline, UK Fire Marshal's Office AND UK Delta Room MUST BE NOTIFIED</li> <li>Hot Work equipment is in good working order</li> </ul>
Hot work done by: UK Employee Location/ building and floor:	Permit Information Contrac Peter P. Bosomwol Research Bldg 4 Plasma Torch - Aut	th Health Sciences	Requirements within 35 ft. of hot work         Flammable liquid, dust, link and oily deposits removed and floor swept clean         Explosive atmosphere in area eliminated (hot work is not to be conducted in a classified area unless made safe)         Nearby activities evaluated for conditions that could be affected by hot work         Path of likely sparks evaluated         Combustible floors wet down, covered with damp sand or fire-resistive sheets         Remove other combustible material where possible. Otherwise, protect with approved welding pads, blankets and curtains or metal shields
Personal Prote	ective Equipment (	if applicable)	<ul> <li>All wall and floor openings covered</li> <li>Fire resistive covers and metal shields provided as needed</li> </ul>
Welder's hood with appropriate lenses         Welder's gloves         Leather jacket/clothing         Head Protection         Hearing Protection         Respirator Type/cartridge:		nses nses r en examined, the Precautions fire, and	<ul> <li>Protect or shut down ducts and conveyors that might carry sparks to distant combustible material</li> <li>Hot work on walls, ceilings or roofs</li> <li>Construction is noncombustible and without combustible covering or insulation</li> <li>Combustible material on other side of walls, ceilings or roofs is moved away</li> <li>Hot work on enclosed equipment (i.e., welding on tanks)</li> <li>Enclosed equipment cleaned of all combustible material</li> <li>Containers purged of flammable liquid/vapor</li> <li>Pressurized vessels, piping and equipment removed from service, isolated and vented</li> <li>Hot work inside of enclosed spaces (i.e., inside of tanks)</li> <li>Adequate ventilation provided</li> <li>Atmosphere checked with gas detector per confined space permit</li> <li>Area purged of any flammable or toxic vapors</li> <li>Other permits completed as required: Lock-out/tag-out, working at heights, live electrical work</li> </ul>
Date:			Hot work/Fire Safety Notifications
Emergency Contact # : Permit Dates			□ Location of nearest fire alarm known
Permit Activated	Date: 06/16/2023	Time: 08:00	<ul> <li>If no alarm present, what method will be used to raise the alarm? (List in other precautions area below)</li> <li>Escape routes maintained and known by personnel</li> </ul>
Permit Expires	Date: 06/16/2023	Time: 16:00	Fire Watch/Hot work area monitoring
Date and time work completed Final Fire Watch	Date: Date:	Time: Time:	<ul> <li>Fire watch will be provided for a minimum of <i>30 minutes</i> after work has ceased</li> <li>Fire watch is provided with suitable extinguishers</li> <li>Fire watch trained in use of equipment and in sounding alarm.</li> </ul>
Check-up Fire Watch Inspector Signature (below) Signature:			Special Instructions When hot work is complete, submit completed permit to supervisor or project manager for UK EHS review