



NRAO Department of Environmental Safety & Security

Hot Work Permit

To be issued for all temporary hot work including open flame and heat/spark producing work such as gas/electric welding and cutting, blowtorches, tar boilers, grinding wheels and cutting discs, brazing, and soldering. Hot work to be carried out only by staff trained in use of equipment, hazards and precautions to prevent fires.

Section 1 - Work Description		Permit Number (Assigned by ES&S): _____	
Description of work:			
Approved equipment to be used:			
Location of work:			
Person(s) conducting work (name):			
Section 2 - Required Precautions Met (check boxes below)			
<u>Requirements within 10 m (35 ft.) of work</u> <input type="checkbox"/> Explosive atmospheres eliminated <input type="checkbox"/> Floors swept clean <input type="checkbox"/> All wall and floor openings covered <input type="checkbox"/> Smoke/heat detectors disconnected or covered for work <input type="checkbox"/> Remove combustibles and flammable liquids/gases. Otherwise protect with fire-resistant tarpaulins or metal shields <input type="checkbox"/> Combustible floors covered with sand or other non-combustible material <input type="checkbox"/> Welding, cutting or grinding work screened with non-combustible material <u>Work on walls or ceilings/enclosed equipment</u> <input type="checkbox"/> Construction is non-combustible and without combustible covering or insulation <input type="checkbox"/> Combustibles on other side of walls moved away <input type="checkbox"/> Enclosed equipment cleaned of all combustibles		<u>Fire watch/hot work area monitoring</u> <input type="checkbox"/> Fire watch provided during and for 30 minutes after work, including any breaks <input type="checkbox"/> Fire watch supplied with suitable extinguishers <input type="checkbox"/> Fire watch trained in use of equipment and in sounding alarm <input type="checkbox"/> Monitor Hot Work area for 30 minutes after job is completed <u>Other precautions taken</u> <input type="checkbox"/> Confined space entry permit required <input type="checkbox"/> Ample ventilation to remove smoke/vapor from work area <input type="checkbox"/> Lockout/tagout required <input type="checkbox"/> Available sprinklers, hose streams and extinguishers are in service/operable <input type="checkbox"/> Job Safety Analysis Completed <input type="checkbox"/> Proper PPE available for use <input type="checkbox"/> Worker(s) trained/authorized to conduct work	
Section 3 – Permit Authorization			
Permit issued to (name):			
Permit valid from (date/time):		Permit Expires (date/time):	
Issued by (name):		Date of issue:	
I verify the above location has been examined, the precautions checked on the Required Precautions have been taken to prevent fire, and permission is authorized for this work.		NOTE: The supervisor must re-inspect the work area daily and initial the posted permit for it to remain valid.	
Section 4 – Permit Clearance			
Signed Work Supervisor:		Date:	Time:
The above work area has been checked 30 minutes after completion of work.			
Signed ES&S Representative:		Date:	Time:
Confirmation of return of permit to Safety Department			

Post at the Worksite and Upon Completion of the Work File Original: NRAO ES&S Division
Copy to: NRAO ES&S Admin Support – Diana Torres: dltorres@nrao.edu