

YOUR COMPANY NAME

DESCRIPTION OF WORK	
JOB REFERENCE	
PRINCIPAL CONTRACTOR / CLIENT	
SITE ADDRESS	
HAZARD REFERENCE 010	HOT WORKS – WELDING/BURNING/GRINDING

PERSONS AT RISK – E = EMPLOYEE, SE = SITE EMPLOYEES, P = PUBLIC

LIKLIHOOD OF INJURY – H = HIGH, M = MEDIUM, L = LOW

Risk	Persons At Risk			Likelihood of Injury			Control Measures	Likelihood of Injury With Control Measures		
	E	SE	P	H	M	L		H	M	L
Fire caused by sparks or hot metal							Have in place a Permit and Safe System of Work – to be adhered to			
							Cease any Hot Works 2 hours before finish of the working day			
							Work area to be free of combustible materials – check before work starts			
							Ensure that no hot spots are present on completion			
							All openings, cavities to be checked and covered with a non combustible material			
							Have a fire extinguisher / fire blanket local to work area and watcher in place			
Burns from sparks or hot metal							Wear appropriate PPE (flame retardant clothing, boots, gloves) – do not leave exposed areas of skin			
							Do not pick up hot waste/materials until they have cooled down			
Arc eye leading to eye damage							Wear welding helmet at all times when welding			
							Use welding screens or other barriers to protect third parties			
Grit in eyes							Wear protective goggles at all times when grinding or when knocking of welding slag			
							Guards to be in place in position on all plant/equipment			
Electrocution from electrical plant							All equipment to be 110v and PAT tested. Where equipment used is in excess of 110v it must be used in conjunction with RCD's.			
							Ensure that all trailing leads do not snag on sharp objects			
Gas cylinders leaking or being damaged leading to explosion							All gas cylinders to be kept upright and securely stored			

							Valves and hoses shall be inspected and kept in good condition			
							All cylinders shall have flash arrestors fitted			
							Cylinders shall be shut off when not in use and kept in a secure area			
							Do not use grease or oils with valve at any time			