

Activity	Hazards	Risks	UNCONTROLLED Risk Levels		Description of controls	CONTROLLED Risk Levels																															
Undertaking works at any location without the appropriate PPE	Asphyxiation Back Injuries Blindness Burns from Frost Burns from Heat Contact with Chemicals Contact with Grease Contact with Oil Contact with Water Crush Injuries Cuts & Abrasions Deafness Electrocution Electric Shock Eye Damage Loss of Fingers or Toes Loss of Limb(s) Lung Damage Penetration Wounds Slips & Falls Soiling of Skin Soiling of Clothes etc	Death, Serious injury, Long or Short-Term Illness, Blindness, Deafness or poor physical condition. Inability to Work and subsequent loss of Income	LIKELIHOOD		<ul style="list-style-type: none">Only competent engineers with appropriate PPE training to undertake works.Engineer to check his/her PPE on a daily basis to ensure its condition and availability. If Missing or Faulty, PPE should be replaced, and Supervisor informed as a matter of urgency.Engineer to cease work where appropriate PPE develops a fault while in use and becomes unavailable, he/she should advise their Supervisor as a matter of urgency.Engineer is responsible for his own PPE, its condition and its use and has a duty of care to himself and others. He/she should not tamper with or modify PPE, either their own or others or cause others to do so.Engineer to fully understand and follow PPE Manufacturer's instructions as to its use he/she should seek advice from their Supervisor if in any doubt, Supervisor to organise additional training as and when required.Minimum PPE Safety Shoes/BootsEngineer to assess the risks associated with the task to be undertaken and Use/Wear the appropriate PPE. He/she should seek advice from their Supervisor if they are uncertain.See Equipment Specification/Standards for details of types of PPE.	LIKELIHOOD																															
			<table><tr><td>Most Likely</td><td>5</td><td>✓</td></tr><tr><td>Likely</td><td>4</td><td></td></tr><tr><td>Possible</td><td>3</td><td></td></tr><tr><td>Unlikely</td><td>2</td><td></td></tr><tr><td>Very Unlikely</td><td>1</td><td></td></tr></table>			Most Likely	5	✓	Likely	4		Possible	3		Unlikely	2		Very Unlikely	1		<table><tr><td>Most Likely</td><td>5</td><td></td></tr><tr><td>Likely</td><td>4</td><td></td></tr><tr><td>Possible</td><td>3</td><td></td></tr><tr><td>Unlikely</td><td>2</td><td></td></tr><tr><td>Very Unlikely</td><td>1</td><td>✓</td></tr></table>		Most Likely	5		Likely	4		Possible	3		Unlikely	2		Very Unlikely	1	✓
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Risk Score deduced by multiplying Likelihood by Consequence		Risk Score deduced by multiplying Likelihood by Consequence																																			
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Less than or equal to 5 Between 6 and 12 Above 12		Less than or equal to 5 Between 6 and 12 Above 12																																			
LOW MEDIUM HIGH		LOW MEDIUM HIGH																																			
UNCONTROLLED Risk LevelHIGH		CONTROLLED Risk LevelLOW																																			
Equipment Minimum Specifications/Standards			Additional Measures																																		
Head ProtectionHelmetsBS 397:2012 ProtectionBump CapsBS EN 812:2012			PTS.RA.S01 Safety - Working at Customer Sites																																		
HearingEar muffsThese provide differing means of protection & an assessment must ascertain which is best, in order to eliminate risk. BS EN 352-1 to 8:2001/2002 contain the safety requirements & testing of hearing protection Ear plugs Helmets			AFFECTED INDIVIDUALS																																		
Eye protectionGogglesEye protection is to comply with BS EN 166:2002 GlassesFurther guidance on specialised protection for welding etc is contained in BS EN 169:2002 / BS EN 170:2002 Masks			PTS Personnel✓ Maintenance Personnel Catering Staff Customers Visitors Delivery Personnel Others (specify)																																		
Respiratory Tract(a)Those which take contaminated air, and, by means of face mask and filters, clean it and return it to be inhaled by the user (b)Those which feed the user with uncontaminated air from a self-contained unit or an independent source separate from the user																																					
All users of such equipment must receive both practical & theoretical training to ensure the proper and effective use of the equipment, which must be properly maintained, in full working order, and any defects reported immediately. There are many BS EN standards that specify the requirements for mask and respirators, the main standard for selection purposes being BS EN 166:2002.			Document ReferencePTS.RA.S40 Issue Statusv 10.0 Issue Date1st Sept 2025 Issued byChris Taylor Review Date31st Aug 2027																																		
HandMittensAny assessment must ensure the equipment provided protects against the particular hazard. BS EN 374-1:2003, BS EN 374-2:2003, BS EN 374-3:2003, BS EN 421:2010 and BS EN 60903:2003, give further guidance. Gloves Gauntlets			Issuers Signature																																		
Foot ProtectionSafety BootsCare must be taken to ensure the type chosen is suitable for the purpose intended. The standards for protective footwear are BS EN 20344:2004, BS EN 20345:2004, BS EN 20346:2004 and BS EN 20347:2004. Safety Shoes			NB: This document and any amendments must be retained for a minimum of 5 years. In the event of an incident involving an individual aged 18 years or less this documentation must be retained until the individual reaches 21 years of age, this requirement overrides the minimum 5 year rule.																																		
Whole Body ProtectionThese can include overalls, coveralls and aprons. It can be clothing which protects against cold and wet, and clothing which affords high visibility. The standards for protective clothing are BS 7184:2001, BS EN 340:2003, BS EN 342:2004, BS EN 343:2003+A1:2007, BS EN 464:1994, BS EN 471:2003+A1:2007, BS EN ISO 6942:2002 and BS EN ISO 11611:2007.																																					