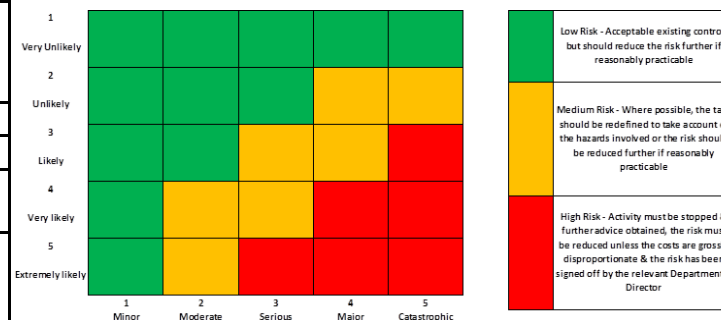


Assessment Title (Task, process, equipment or facility)		Hot Working	
Location	Customer Premises & Company Workshops	Date	01/04/2025
		Review date	31/03/2026
Prepared By (Team)		Richard Lewis	
Legal / Best Practice Requirements / links to other assessments (eg COSHH)		DSEAR / CoSHH / Artificial Optical Radiation at Work Regs	



Hazard	Risk	Effect (Who / what affected)	Initial Risk			Current Controls (inc practices/ procedures)	Actual Risk			Additional Controls (inc practices/ procedures)	Action by and when
			Likelihood	Severity	Risk Level		Likelihood	Severity	Risk Level		
Contact with hot tools or hot work	Burns / inhalation	TMHUK employees	2	4	M	1. Specific training on general H&S is supplied via the TMHUK training programme. 2. The training will be supported by a Safe Working Practice (SWP 08-Hot Working) as well as SWP-01 "Work Area",SWP-32 "PPE", SWP-09"In Case of Fire" & SWP-30"Carrying & Working with Welding Gases". 3. All technicians are to follow the procedure detailed in SWP-08 - Hot Works.	1	4	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	
Potential fire	Burns / inhalation / respiratory difficulties	TMHUK employees / customer / 3rd party contractors / site visitors / property, equipment & environmental damage	2	4	M	1. Specific training on general H&S is supplied via the TMHUK training programme. 2. The training will be supported by a Safe Working Practice (SWP 08-Hot Working) as well as SWP-01 "Work Area",SWP-32 "PPE", SWP-09"In Case of Fire" & SWP-30"Carrying & Working with Welding Gases". 3. All technicians are to follow the procedure detailed in SWP-08 - Hot Works.	1	4	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	
Equipment abuse or ignorance.	Various injuries to the human physique	TMHUK employees	2	4	M	1. Specific training on general H&S is supplied via the TMHUK training programme. 2. The training will be supported by a Safe Working Practice (SWP 08-Hot Working) as well as SWP-01 "Work Area",SWP-32 "PPE", SWP-09"In Case of Fire" & SWP-30"Carrying & Working with Welding Gases". 3. All technicians are to follow the procedure detailed in SWP-08 - Hot Works.	1	4	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	

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Welding, cutting & grinding process generating potential fumes, particulates & artificial light	Inhalation / respiratory difficulties / damage to the skin and eyes	TMHUK employees / customer / 3rd party contractors / site visitors / property, equipment & environmental damage	2	4	M	1. Specific training on general H&S is supplied via the TMHUK training programme. 2. The training will be supported by a Safe Working Practice (SWP 08-Hot Working) as well as SWP-01 "Work Area", SWP-32 "PPE", SWP-09 "In Case of Fire" & SWP-30 "Carrying & Working with Welding Gases". 3. All technicians are to follow the procedure detailed in SWP-08 - Hot Works. 4. All welding indoors will require the correct use of local exhaust ventilation (LEV) and respiratory protective equipment (RPE). 5. All welding carried out outdoors will require the use of suitable RPE.	1	4	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	
Inhalation of welding and solder fumes	Respiratory health issues	TMHUK employees / customer / 3rd party contractors / site visitors	2	4	M	1. Non lead based solders only to be used. 2. Respiratory Protective Equipment to be used as per the COSHH and hazard data sheet information. 3. LEV (Local Exhaust Ventilation) to be used where applicable	1	4	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	
Carriage & use of Compressed gases used for welding and Cutting	Fire / explosion	TMHUK employees / customer / 3rd party contractors / site visitors / property, equipment & environmental damage	2	4	M	1. The transport & use of welding gases require specific safety measures & training, with compulsory attendance to the BOC safety course or equivalent. 2. CoSHH safety data sheets & associated Risk Assessments are provided for all substances, particularly the gases involved. 3. If requested the technician is able to conduct a task specific risk assessment using form Q097 in accordance with procedure SM-21 "Management of Risk". 4. Staff carrying out "Hot Work" must determine whether or not the Site Operator imposes a "Permit to Work" system, where this is the case staff will be required to comply with the conditions imposed, as documented in SWP "Hot Working".	1	4	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	
Non use of PPE	Various injuries to the human physique	TMHUK employees	2	4	M	1. Specific training on the use of PPE is supplied via the TMHUK training programmes. 2. The training will be supported by a Safe Working Practice (SWP 32-PPE). 3. It is mandatory for all technicians to wear industrial shoes/boots, company overalls, eye protection and gloves. Specific PPE is available for company welders, fabricators and technicians carrying out this work. 4. All technicians will adhere to the customers site procedure and instructions regarding PPE requirements.	1	4	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	

Hazard	Risk	Effect (Who / what affected)	Initial Risk			Current Controls (inc practices/ procedures)	Actual Risk			Additional Controls (inc practices/ procedures)	Action by and when
			Likelihood	Severity	Risk Level		Likelihood	Severity	Risk Level		
Young persons, by virtue of physical limitations, inexperience & the inability to recognise, or youthful disregard, for danger	Various injuries to the human physique	TMHUK employees / customer / 3rd party contractors / site visitors	2	4	M	1. SWP-08 (Hot Working) gives specific instruction in respect of young people. 2. Reference must be made to HR Policy PS-029 in regard to any young persons.	1	4	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	