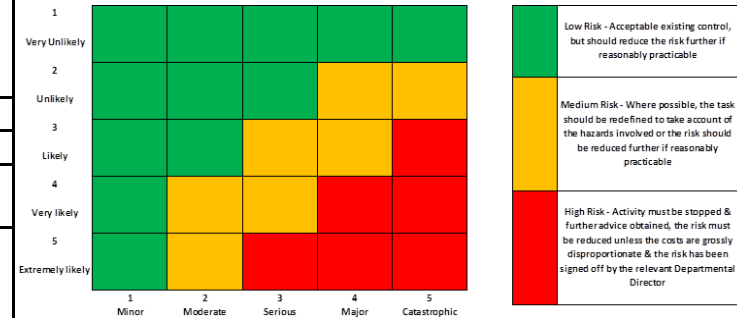


Assessment Title (Task, process, equipment or facility)		Welding (Warrington Workshop)	
Location	Warrington - Workshop	Date	01/04/2025
		Review date	31/03/2026
Prepared By (Team)		Richard Lewis, Jamie Brown workshop manager Gary Thomas head of Supply and Logistcs	
Legal / Best Practice Requirements / links to other assessments (eg COSHH)		Management of Health & Safety at Work Regs / Workplace (Health, Safety & Welfare) 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) aswell as (SWP-01 Working Area)	1	4	L	All appropriate controls are in place that are reasonably practicable , no futher action is necessary	
Respiratory problems caused by inhalation of welding gases and other noxious fumes	Inhalation	TMHUK Employees, Contractors	3	4	M	1. Specific training on general H&S is supplied via the TMHUK training programme. 2. All welders are to be correctly trained (coded) for the work they are undertaking 3. PPE and RPE to be worn at all times when welding, with RPE subject to before use checks 4. HVAC systems to be used correctly 5. All equipment subject to annual maintenance and testing where required 6. All welders are subject to annual health surveillance	1	4	L	All appropriate controls are in place that are reasonably practicable , no futher action is necessary	
Working Area	Slips , Trips Falls , injury to personnel	TMHUK Employees	2	2	L	1. All personel to work to risk assesment WPR A 01 (Work Area) and Safe Working Practice SWP-01 (Work Area). 2. All welders and technicians carrying out any hot work must follow the guidance given in SWP-08 (Hot Working).	2	2	L	All appropriate controls are in place that are reasonably practicable , no futher action is nessessary.	
Welding in General	Injury to sight / Burns / Cuts	TMHUK Employees	3	3	M	1. Welding will only be carried out by trained competent persons with appropriate coding. 2. All technicians are trained to the requirements of SWP-32 PPE 3. Technicians to adhere to control measures in all Risk Assesments with regards to PPE , when using Welding /Grinding or drilling equipment Goggles / rigger gloves (thick compound gloves need to be worn) at all times 4. When welding Fire Retardant overalls need to be worn at all times. 5. Fire retardant jackets / trousers to be worn when grinding.	2	3	L	All appropriate controls are in place that are reasonably practicable , no futher action is nessessary.	

Hazard	Risk	Effect (Who / what affected)	Initial Risk			Current Controls (inc practices/ procedures)	Actual Risk			Additional Controls (inc practices/ procedures)	Action by and when
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Risk From Vibration	Contraction of HAVS and other vibration related health issues	TMHUK Employees	3	3	M	1. All personnel are to be aware of the use of equipment that generates vibrations and the related restrictions that go with their usage 2. All equipment is to undergo regular testing to ascertain permitted usage levels 3. All usage is to be recorded and exposure limits are not to be exceeded 4. Welders undergo HAVS training.	2	3	L	All appropriate controls are in place that are reasonably practicable , no further action is necessary.	
NON use of PPE	All injuries associated with engineering work	TMHUK Employees	2	3	L	1. All technicians are trained to the requirements of SWP-32 PPE 2. Technicians to adhere to control measures in all Risk Assessments with regards to PPE , when using Grinding or drilling equipment Goggles / rigger gloves (thick compound gloves need to be worn) at all times. 3. When welding Fire retardant overalls need to be worn at all times. 4. Fire retardant jackets / trousers to be worn when grinding.	2	3	L	All appropriate controls are in place that are reasonably practicable , no further action is necessary.	
Working with Electricity	Injury or death through electric shock	TMHUK Employees	3	3	M	1. Technicians are trained via the TMHUK technician induction technical training course. 2. All technicians are trained to the requirements of SWP-11 Working with electricity and SM-28 Electricity at Work.	2	3	L	All appropriate controls are in place that are reasonably practicable , no further action is necessary.	
Noise	Impaired hearing / Deafness	TMHUK Employees	2	2	L	1. Technicians are trained via the TMHUK technician induction technical training course. 2. All Technicians are trained to the requirements of WPRA-16 Noise.	2	2	L	All appropriate controls are in place that are reasonably practicable , no further action is necessary.	
Fire	Burns / Inhalation / respiratory difficulties	TMHUK Employees / Visitors / 3rd party contractors / property / equipment / environmental damage	2	4	M	1. 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, SWP-01 Working Area, SWP-32 PPE and SWP-09 In Case of Fire. 3. Company Safety Policy SM-17 must be adhered to.	1	4	L	All appropriate controls are in place that are reasonably practicable , no further action is necessary.	
Welding Fume	Respiratory problems	TMHUK Employees	3	5	M	1. Welding will only be carried out by competent persons with the knowledge of the dangers posed by welding fumes. 2. Suitable ventilation must be provided to reduce the inhalation of welding fume, with LEV's subject to regular testing and maintenance. 3. All personnel who conduct welding operations are subject to health surveillance.	1	5	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		
Welding Flash	Injury to sight	TMHUK Employees / Vistors / 3 party contractors	3	3	M	1. Ensure the working area is screened off correctly , with the appropriate screens provided. 2. Guidance given in SWP-08 Hot Working must be followed.	1	3	L	All appropriate controls are in place that are reasonably practicable , no further action is necessary.	
Young persons , by virtue of physical limitations inexperience & the in ability to recognise or youthful disregard . For danger	Various Injuries to the Human Physique	TMHUK EMPLOYEES / 3RD PARTY CONTRACTORS / SITE VISITORS.	2	4	M	1. Nobody under the age of 18 years should be allowed to be involved with welding processes.	1	4	L	All appropriate controls are in place that are reasonably practicable , no further action is necessary	