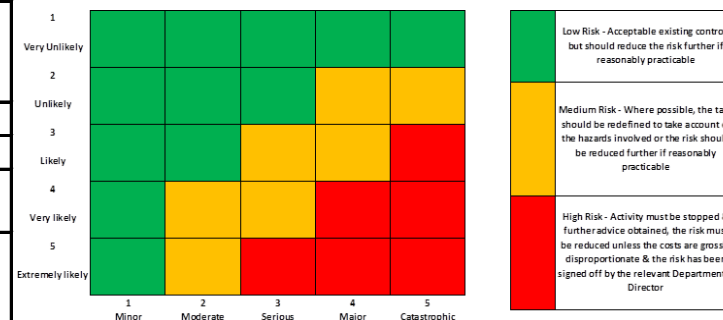


<b>Assessment Title</b> (Task, process, equipment or facility)		<b>Hot Working (Warrington Workshop)</b>	
<b>Location</b>	<b>Warrington</b>	<b>Date</b>	<b>01/04/2026</b>
		<b>Review date</b>	<b>31/03/2027</b>
<b>Prepared By (Team)</b>		<b>Richard Lewis, Jamie Brown workshop manager Gary Thomas head of Supply and Logistics</b>	
<b>Legal / Best Practice Requirements / links to other assessments (eg COSHH)</b>		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) as well as (SWP-01 Working Area) also SWP-32 (PPE). 3. Depot specific SWP-505 Hot Working must be followed by all persons carrying out hot work.	1	4	L	All appropriate controls are in place that are reasonably practicable , no further action is necessary	
Welding flash, Sparks	Burns/ Eye damage/ Fire	TMHUK Employees/contractors/visitors/property damage	3	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 Working Area) also SWP-32 (PPE). 3. Depot specific SWP-505 Hot Working must be followed by all persons carrying out hot work. 4. Welding screens and fire blankets must be used.	1	4	L	All appropriate controls are in place that are reasonably practicable , no further action is necessary	
Working Area	Slips , Trips Falls , injury to personnel	TMHUK Employees/contractors/visitors	2	3	L	1. All personnel to work to risk assessment WPRA 01 (Working Area) and SWP-08 (Hot Working). 2. Depot specific SWP-505 Hot Working must be followed by all persons carrying out hot work.	1	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	3	3	M	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 and trousers to be worn when grinding.	2	3	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		
Working with Electricity	Injury or death through shock	TMHUK Employees	2	5	M	1. Technicians are trained via the TMHUK technician induction technical trains course. 2. All technicians are trained to the requirements of SWP-11 Working with electricity. 3. Electric power tools should be 110volt supply with centre tapping to earth.	1	5	L	All appropriate controls are in place that are reasonably practicable , no further action is necessary.	
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. HAVS training undertaken by all welders	2	3	L	All appropriate controls are in place that are reasonably practicable , no further action is necessary.	
Noise	Impaired hearing / Deafness	TMHUK Employees/contractors/visitors	2	3	L	1. Technicians are trained via the TMHUK technician induction technical trains course. 2. All Technicians are trained to the requirements of SWP-16 Noise. 3. Hearing protection must be worn when working in noisy areas. 4. If work involving angle grinders is to continue for more than a few minutes, workers nearby should be informed in order for them to wear appropriate hearing protection.	1	3	L	All appropriate controls are in place that are reasonably practicable , no further action is necessary.	
Fumes and dust	Inhalation/Respiratory problems	TMHUK Employees/contractors/visitors	3	3	M	1. LEV (local exhaust ventilation) in operation within the welding area , and 1 bay within the main workshop area. 2. All jobs created that have related fume/dust issues to be worked on in these areas. 3. All jobs will be carried out in such a manner as to minimise the creation of dust and fume. 4. welders subject to annual health surveillance	2	3	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, including fire prevention and actions in case of fire is supplied via the TMHUK training programme. 2. The training will be supported by safe working practices SWP-08 Hot Working, SWP-01 Working Area, SWP-32 PPE and SWP-09 in case of Fire.	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 in ability to recognise or youthful disgard for danger	Various Injuries to the Human Physique	TMHUK Employees/contract ors/visitors	2	4	M	1. Nobody under the age of 18 years should be allowed to operate Machinery or tools unless suitably trained & then only when under constant Supervision. Refer to HR policy PS029	1	4	L	All appropriate controls are in place that are reasonably practicable , no futher action is necessary	