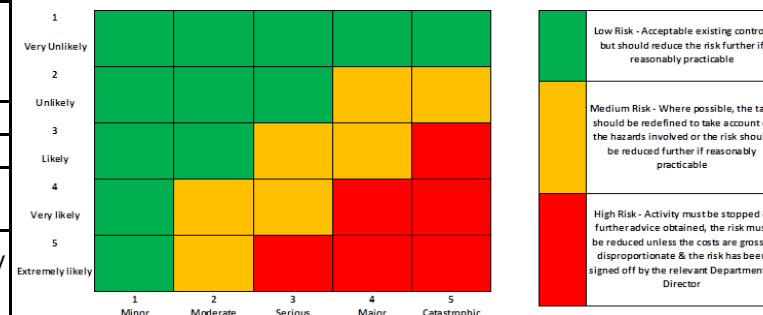


Assessment Title (Task, process, equipment or facility)		Welding (FMC Workshop)	
Location	Fleet Management Centre	Date	01/04/2025
		Review date	31/03/2026
Prepared/Reviewed By (Team)		Gary Magee, Andrew Smith	
Legal / Best Practice Requirements / links to other assessments (eg COSHH)		Management of Health & 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	5	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)	1	5	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	3	3	M	1. All personnel must work to risk assessment WPRA 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). 3. Welding operations can only be carried out within the welding bay, the task must be completed outside of this area a dynamic risk assessment must be completed. Further safety precautions will be required.	1	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		
Welding in General	Injury to sight / Burns / Cuts	TMHUK Employees	3	4	M	1. Welding will only be carried out by trained competent persons. 2. All Engineers are trained to the requirements of SWP-32 PPE 3. Engineers to adhere to control measures in all Risk Assessments with regards to PPE. 4. When using Welding /Grinding or drilling equipment Goggles / face shield / rigger gloves (thick compound gloves need to be worn) at all times. 5. When welding Fire Retardant overalls need to be worn at all times . 6. Pre-use checks are carried out by Engineers to ensure tools are operating in a safe manner and all control measures are in place.	1	4	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 Engineers are trained to the requirements of SWP-32 PPE. 2. Engineers to adhere to control measures in all Risk Assessments with regards to PPE. 3. When using 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.	1	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 electric shock	TMHUK Employees	3	3	M	1. Engineers are trained via the TMHUK technician induction technical training course. 2. All Engineers are trained to the requirements of SWP-11 Working with electricity and SM-28 Electricity at Work.	1	3	L	All appropriate controls are in place that are reasonably practicable , no further action is necessary.	
Noise	Impaired hearing / Deafness	TMHUK Employees	3	3	M	1. Engineers are trained via the TMHUK technician induction technical training course. 2. All Engineers are trained to the requirements of WPRA-16 Noise. 3. Hearing protection is available in the form of ear defenders or disposable ear plugs.	1	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 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 Manual 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 Fumes	Respiratory problems	TMHUK Employees	3	5	M	1. Welding will only be carried out by competent persons. This competency will include knowledge of the dangers of welding fumes. 2. Suitable and effective ventilation must be provided to reduce the inhalation of welding fumes.	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 / Visitors / 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 inability to recognise or youthful discard. 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 is allowed to operate Machinery or tools unless suitably trained & then only when under constant Supervision.	1	4	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	