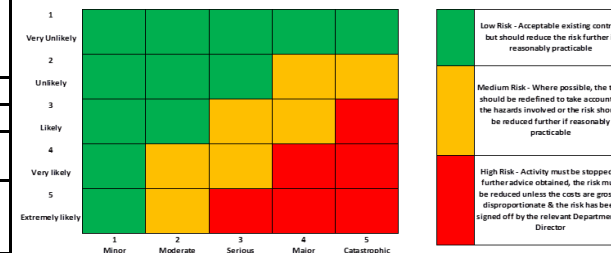


MATERIAL HANDLING

Assessment Title (Task, process, equipment or facility)		FMC Painting Preparation Area and Main Painting Work Area	
Location	FMC, Old Dalby	Date	01/04/2025
		Review date	31/03/2026
Prepared By (Team)		Gary Magee, Daniel Cockram, Andrew Smith	
Legal / Best Practice Requirements / links to other assessments (eg COSHH)		Health & Safety at Work Act, Management of H&S at Work Regulations, Control of Substances Hazardous to Health,	



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		
Chemicals e.g. paints, thinners, fillers, cleaning products etc	Physical injury, burns, skin damage, damage to the respiratory system	TMHUK team members, visitors, damage to property	3	4	M	1) Selection of all chemicals and substances will be controlled by the TMHUK COSHH policy. 2) A product Material Safety Data Sheet and Risk Assessment must be completed for each product. 3) Refer to WPRA-14 for storage of aerosols. 4) Refer to P7-13 Paint shop procedure. 5) All team members will be trained via the TMHUK training programs and/or be able to demonstrate competence from other employment. 6) Refer to SWP-25 Paint Shop Procedures. 7) Personal monitoring for airborne contaminants has identified very low levels which are much lower than exposure limits. Current controls are suitable. 8) A Health Surveillance program is in place for all team members working within this area identified as at risk. 9. All products in use are controlled via the TMHUK COSHH Policy	1	4	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	
Slips and Trips	Physical injury due to falls	TMHUK team members, visitors, damage to property	3	3	M	1) General Housekeeping must be maintained in line with TMHUK principles, 5S, ASEC, Kaizen 2) Audits and Inspections carried out by team leaders and QSE team. 3) Leadership is in place to ensure housekeeping standards are maintained. 4) Routing of hoses and cables will be positioned so as to reduce the risk of tripping as far as possible. 5) Battery powered tools will be used where possible. 6) Any spillage or leakage must be cleaned immediately and in accordance with SWP-19 Spillages.	1	3	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	
Incorrect use of Personal Protective Equipment	Possible physical injury	TMHUK team members, visitors.	3	4	M	1) PPE will be supplied and used in accordance with SWP-32 PPE and the product COSHH risk assessment if chemicals/substances are being used. 2) All PPE will be maintained in accordance with the manufacturers instructions and guidance provided in TMHUK training courses. 3) Training for the use, maintenance and storage of PPE will be provided via the TMHUK training programs and equipment suppliers if required. 4) Any specific PPE, required for specific work or individuals will be considered, evaluated, approved/rejected by TMHUK leaders and QSE team. 5) Head protection is provided to all team members and users should ensure that it is compatible with other PPE prior to use. 6) Refer to SWP-25 Paint Shop Procedures	1	4	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	

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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		
Incorrect use of Respiratory Protective Equipment	Possible Respiratory Damage	TMHUK team members, visitors, damage to property	3	4	M	1) RPE will be supplied and used in accordance with SWP-32 PPE and the product COSHH risk assessment if chemicals/substances are being used. 2) All RPE will be maintained in accordance with the manufacturers instructions and guidance provided in TMHUK training courses. 3) Training for the use, maintenance and storage of RPE will be provided via the TMHUK training programs and equipment suppliers if required. 4) Any specific RPE, required for specific work or individuals will be considered, evaluated, approved/rejected by TMHUK leaders and QSE team. 5) Refer to SWP-25 Paint Shop Procedures. 6) Face fit testing is required for certain types of RPE, refer to manufacturer or the QSE team. 7. Additional training may be required for certain types of RPE provided. Team leaders will ensure any additional training required is provided if RPE provided changes.	1	3	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	
Fire	Physical injury, building product damage, environmental damage	TMHUK team members, visitors, damage to property	2	5	M	1) Refer to SM-17 Fire Precautions and SM-16 Emergency evacuation procedure. 2) Refer to P7-13 Paint Shop Procedures. 3) Other controls within this assessment aid fire precautions. 4) Mobile electronic devices, including mobile phones are not permitted in this area.	1	3	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	
Working with electricity	Physical injury, building product damage, environmental damage	TMHUK team members, visitors, damage to property	2	5	M	1) Refer to SM-28 Electricity at Work and SWP-11 Working with electricity	1	5	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	
Working with compressed air and related tools	Physical injury due to high pressure e.g. skin injection	TMHUK team members, visitors, damage to property	2	4	M	1) Refer to SWP-15 Working with Compressed air. 2) Refer to SWP-31 Engineering General	1	4	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	
Work at height	Physical injury due to fall from height	TMHUK team members, visitors, damage to property	3	4	M	1) Refer to WPRA-04 and SWP-04 Work at Height. 2) All work should be carried out from ground level using extensions where possible. If using ladders aircraft style should be prioritised.	1	4	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	

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Use of power tools	Entrapment, electric shock, physical injury	TMHUK team members, visitors, damage to property	2	3	L	1) All tools and equipment must be used in accordance with the manufacturers recommendations. 2) Training will be required for specific and/or particularly unusual or complicated machinery. 3) Refer to SWP-31 Engineering general.	1	3	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	
Hand Arm Vibration	Physical injury	TMHUK team members, visitors, damage to property	4	3	M	1) Refer to WPRA 42 Control of Vibration and SM-12 Vibration 2) All tools identified as a vibration risk will be tested at least 6 monthly.	1	3	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	
Poor personal Hygiene, eating, drinking etc	Physical injury due to the consumption of hazardous substances	TMHUK team members, visitors,	3	3	M	1) The consumption of food and beverages within this work area is not permitted. Only drinking water within sealed containers will be allowed.	1	3	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	
Dust	Possible respiratory damage and environmental damage	TMHUK team members, visitors, environment	4	4	H	1) Dust will be created during the sanding process. This must be carried out within the preparation room. 2) The preparation room will be provided with a Local Exhaust Ventilation system to reduce dust hazards to people and the environment. 3) RPE must be used when sanding. 4) Controls adopted in SWP-25 Spray booths must be adopted. 5) Refer to SM-32 Dust control. 6) Dust extraction unit provides direct dust removal when used with sanding equipment and hoses provided.	1	4	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	
Noise	Work related noise induced hearing loss	TMHUK team members, visitors, contractors	3	3	M	1) Refer to WPRA 16 Team Members subject to Noise and SM-55 Noise. 2) Hearing protection is provided to all team members and disposable hearing protection is available to all. 3) The spray booths and preparation area are hearing protection areas at all times when in use.	1	3	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	
Vehicle Movement	Being struck by a moving vehicle.	TMHUK team members, visitors, contractors	2	4	M	1) Refer to SWP-01 Work area. 2) All team members are familiar with the work area and the hazard of moving trucks. 3) All team members operating trucks are suitably trained and will take into account the work area and the possibility of pedestrians. 4) Truck speed will be suitable for the work area and is the responsibility of the operator. 5) Only authorised persons are permitted to operate trucks.	1	4	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	

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			Likelihood	Severity	Risk Level		Likelihood	Severity	Risk Level		
Young Persons	All possible risks associated with working in this type or environment	Team members, contractors, visitors, young persons	2	3	L	1) Refer to HR policy PS-029 2) All young persons will be subject to an individual risk assessment which may restrict activities or implement additional controls. 3) Team leaders will monitor the activities and behaviours of all young persons.	1	3	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	
Environmental Impact	Substances from the processes used negatively affecting the environment	Local environment, drainage, air pollution	3	3	M	1) Substances used will be subject to risk assessment before being put into use. 2) Substances with a lower environmental impact will be selected. 3) All packaging will be disposed of taking into account the possible environmental impact. 4) The quantities of Volatile Organic Compounds (VOC's) will be monitored. 5) Chemicals will be handled in such a manner as to protect any drainage in the work area. 6) Any extraction systems will have the correct filtration systems and be maintained in accordance with the manufacturers recommendations. 7) All waste will be handled in accordance with legislation and	2	3	L	All appropriate controls are in place that are reasonably practicable, no further action is necessary	