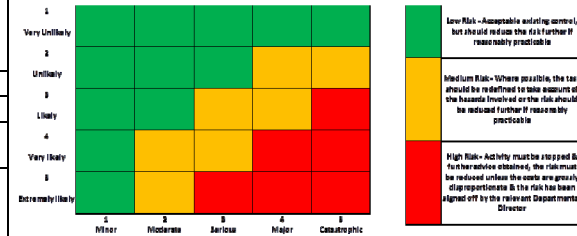


## MATERIAL HANDLING

|                                                                                   |                       |                                                                                                                |                   |
|-----------------------------------------------------------------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------|-------------------|
| <b>Assessment Title</b> (Task, process, equipment or facility)                    |                       | <b>FMC Painting Preparation Area and Main Painting Work Area</b>                                               |                   |
| <b>Location</b>                                                                   | <b>FMC, Old Dalby</b> | <b>Date</b>                                                                                                    | <b>30/04/2026</b> |
|                                                                                   |                       | <b>Review date</b>                                                                                             | <b>31/03/2027</b> |
| <b>Prepared By (Team)</b>                                                         |                       | <b>Elaine Greaves, Andy Smith, David Pateman, Neil Cropper, Rob Hewson &amp; Paul Rigley</b>                   |                   |
| <b>Legal / Best Practice Requirements / links to other assessments (eg COSHH)</b> |                       | 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<br>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.<br>2) A product Material Safety Data Sheet and Risk Assessment must be completed for each product.<br>3) Refer to WPRA-14 for storage of aerosols.<br>4) Refer to P7-13 Paint shop procedure.<br>5) All team members will be trained via the TMHUK training programs and/or be able to demonstrate competence from other employment.<br>6) Refer to SWP-25 Paint Shop Procedures.<br>7) Personal monitoring for airborne contaminants has identified very low levels which are much lower than exposure limits. Current controls are suitable.<br>8) A Health Surveillance program is in place for all team members working within this area identified as at risk.<br>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<br>2) Audits and Inspections carried out by team leaders and QSE team.<br>3) Leadership is in place to ensure housekeeping standards are maintained.<br>4) Routing of hoses and cables will be positioned so as to reduce the risk of tripping as far as possible.<br>5) Battery powered tools will be used where possible.<br>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.<br>2) All PPE will be maintained in accordance with the manufacturers instructions and guidance provided in TMHUK training courses.<br>3) Training for the use, maintenance and storage of PPE will be provided via the TMHUK training programs and equipment suppliers if required.<br>4) Any specific PPE, required for specific work or individuals will be considered, evaluated, approved/rejected by TMHUK leaders and QSE team.<br>5) Head protection is provided to all team members and users should ensure that it is compatible with other PPE prior to use.<br>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 |                    |

## MATERIAL HANDLING

| 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.<br>2) All RPE will be maintained in accordance with the manufacturers instructions and guidance provided in TMHUK training courses.<br>3) Training for the use, maintenance and storage of RPE will be provided via the TMHUK training programs and equipment suppliers if required.<br>4) Any specific RPE, required for specific work or individuals will be considered, evaluated, approved/rejected by TMHUK leaders and QSE team.<br>5) Refer to SWP-25 Paint Shop Procedures.<br>6) Face fit testing is required for certain types of RPE, refer to manufacturer or the QSE team.<br>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.<br>2) Refer to P7-13 Paint Shop Procedures.<br>3) Other controls within this assessment aid fire precautions.<br>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.<br>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.<br>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 |                    |
| 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.<br>2) Training will be required for specific and/or particularly unusual or complicated machinery.<br>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          | 4            | 3        | M          | 1) Refer to WPRA 42 Control of Vibration and SM-12 Vibration<br>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 |                    |

## MATERIAL HANDLING

| 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 |                                                                                                       |                    |
| 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.<br>2) The preparation room will be provided with a Local Exhaust Ventilation system to reduce dust hazards to people and the environment.<br>3) RPE must be used when sanding.<br>4) Controls adopted in SWP-25 Spray booths must be adopted.<br>5) Refer to SM-32 Dust control.<br>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.<br>2) Hearing protection is provided to all team members and disposable hearing protection is available to all.<br>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.<br>2) All team members are familiar with the work area and the hazard of moving trucks.<br>3) All team members operating trucks are suitably trained and will take into account the work area and the possibility of pedestrians.<br>4) Truck speed will be suitable for the work area and is the responsibility of the operator.<br>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 |                    |
| 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<br>2) All young persons will be subject to an individual risk assessment which may restrict activities or implement additional controls.<br>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.<br>2) Substances with a lower environmental impact will be selected.<br>3) All packaging will be disposed of taking into account the possible environmental impact.<br>4) The quantities of Volatile Organic Compounds (VOC's) will be monitored.<br>5) Chemicals will be handled in such a manner as to protect any drainage in the work area.<br>6) Any extraction systems will have the correct filtration systems and be maintained in accordance with the manufacturers recommendations.<br>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 |                    |