



## Risk Assessment Factory Operations



Hazards Requiring Attention:

0

AS AT

Monday, 29 December 2025

Next Review

Tuesday, 29 December 2026

Total Hazards Recorded

12

Critical Risk Hazards

0

High Risk Hazards

0

Moderate Risk Hazards

11

Low Risk Hazards

1

### Risk Matrix - Refer Procedure Risk Management

| Probability    | Low | Minor | Moderate | Major | Critical |
|----------------|-----|-------|----------|-------|----------|
| Negligible     | L2  | L3    | L4       | M5    | M6       |
| Unlikely       | L3  | L4    | M5       | M6    | H7       |
| Possible       | L4  | M5    | M6       | H7    | H8       |
| Likely         | M5  | M6    | H7       | H8    | E9       |
| Almost Certain | M6  | H7    | H8       | E9    | E10      |

# Factory Operations

| Activity                             | Hazard                                                                                                             | Probability | Consequence | Ranking   | Control                                                                                                                                                                                  | Probability | Consequence | Ranking   |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------|-------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-----------|
| <b>Loading/Unloading</b>             | Forklift - Pedestrian/Vehicle Collision                                                                            | 4           | 4           | <b>H8</b> | Forklift Operations as per Control Measures detailed in Risk Assessment                                                                                                                  | 1           | 4           | <b>M5</b> |
| <b>Loading/Unloading</b>             | Injuries as a result of Manual Handling                                                                            | 4           | 4           | <b>H8</b> | Appropriate handling/lifting techniques in accordance with Work Method Statement                                                                                                         | 1           | 4           | <b>M5</b> |
| <b>Chemical Storage</b>              | Improper storage of hazardous chemicals leading to explosions, fires, burns and toxic gas releases, contamination. | 3           | 4           | <b>H7</b> | Storage in accordance with the requirements identified in SDS.                                                                                                                           | 1           | 4           | <b>M5</b> |
| <b>Transformer Winding</b>           | Contact / Entanglement With Moving Winder                                                                          | 3           | 4           | <b>H7</b> | 1. Effective Training of Operators<br>2. Safe Work Method Statement                                                                                                                      | 1           | 4           | <b>M5</b> |
| <b>Transformer Impregnating</b>      | Hazardous Substances                                                                                               | 5           | 4           | <b>E9</b> | 1. Spill Kits not required. Varnish has a high viscosity and therefore does not spread.<br>2. PPE Available in accordance with SDS<br>3. Factory area bunded.<br>4. Adequate Ventilation | 2           | 4           | <b>M6</b> |
| <b>Transformer Testing</b>           | Electrocution                                                                                                      | 3           | 4           | <b>H7</b> | 1. Testing carried out by trained personnel only.                                                                                                                                        | 1           | 4           | <b>M5</b> |
| <b>Metal Working</b>                 | Working with Machinery                                                                                             | 3           | 4           | <b>H7</b> | Equipment used in accordance with Control Measures identified in Specific Equipment Risk Assessments                                                                                     | 1           | 4           | <b>M5</b> |
| <b>Metal Soldering</b>               | Burns<br>Electrocution<br>Hazardous Chemicals                                                                      | 3           | 3           | <b>M6</b> | Soldering conducted as per Control Measures detailed in Risk Assessment                                                                                                                  | 1           | 3           | <b>L4</b> |
| <b>Spray Painting/Powder Coating</b> | Manual Handling<br>Hazardous Chemicals                                                                             | 3           | 4           | <b>H7</b> | Powder Coating conducted as per Control Measures detailed in Risk Assessment                                                                                                             | 1           | 4           | <b>M5</b> |
| <b>General Factory Operations</b>    | Manual Handling                                                                                                    | 3           | 4           | <b>H7</b> | 1. Work Method Statement for Manual Handling<br>2. Hazards Identified during Induction Training                                                                                          | 1           | 4           | <b>M5</b> |
| <b>General Factory Operations</b>    | Slips/Trips & Falls                                                                                                | 4           | 4           | <b>H8</b> | 1. Adequate Storage<br>2. Housekeeping as Required Levels                                                                                                                                | 2           | 4           | <b>M6</b> |

| Activity             | Hazard                         | Probability | Consequence | Ranking | Control                                                                                  | Probability | Consequence | Ranking |
|----------------------|--------------------------------|-------------|-------------|---------|------------------------------------------------------------------------------------------|-------------|-------------|---------|
| Emergency Situations | Fire, Explosion, Contamination | 3           | 5           | H8      | 1. Effective Emergency Response Plan in place.<br>2. Emergency Plan regularly rehearsed. | 1           | 5           | M6      |