



Risk Assessment Spray Booth



Hazards Requiring Attention:

0

AS AT

Tuesday, 30 December 2025

Next Review

Wednesday, 30 December 2026

Total Hazards Recorded

8

Critical Risk Hazards

0

High Risk Hazards

0

Moderate Risk Hazards

8

Low Risk Hazards

0

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

Spray Booth

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
Mixing Paint	Improper use of hazardous chemicals leading to explosions, fires, burns and toxic gas releases, contamination.	3	4	H7	1. Minimum Quantity Mixed. 2. Adequate Ventilation. 3. PPE in accordance with SDS	2	4	M6
Spraying/Powder Coating	Fire/Explosion	4	4	H8	1. Adequate Ventilation. 2. Ground equipment & object being sprayed. 3. Keep the work area free of debris, including solvent, rags and fuels. 4. PPE in accordance with SDS	2	4	M6
Work Environment	Noise Normal operation of plant produces excessive noise levels - Noise Induced Hearing Loss.	5	4	E9	1. All Spray Equipment are regularly inspected and maintained to minimise the risk of exposures to these hazards 2. Spray Equipment maintenance is documented in equipment register. 3. Engineering controls (or physical changes) such as mandatory machinery guarding or any protective safety screens and enclosures are in place in all workspaces and all in good working condition. 4. Training is provided to minimise exposure to these hazards. 5. All ducted extraction systems are connected and operational, fully maintained and cleaned as required. 6. Good lighting is provided to all workspaces and this is maintained on a regular basis. Fluorescent tubes are checked and	1	4	M5

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
Work Environment	Dust, Fumes and Vapours Airborne dust particles, toxic fumes or volatile vapours produced and therefore be present in the workspace.	3	4	H7	1. All Spray Equipment are regularly inspected and maintained to minimise the risk of exposures to these hazards 2. Spray Equipment maintenance is documented in equipment register. 3. Engineering controls (or physical changes) such as mandatory machinery guarding or any protective safety screens and enclosures are in place in all workspaces and all in good working condition. 4. Training is provided to minimise exposure to these hazards. 5. All ducted extraction systems are connected and operational, fully maintained and cleaned as required. 6. Good lighting is provided to all workspaces and this is maintained on a regular basis. Fluorescent tubes are checked and	2	4	M6
Work Environment	Lighting Insufficient lighting to operate this plant in a safe manner. Possible strobe lighting effect caused by faulty fluorescent tubes in the workspace.	3	4	H7	1. All Spray Equipment are regularly inspected and maintained to minimise the risk of exposures to these hazards 2. Spray Equipment maintenance is documented in equipment register. 3. Engineering controls (or physical changes) such as mandatory machinery guarding or any protective safety screens and enclosures are in place in all workspaces and all in good working condition. 4. Training is provided to minimise exposure to these hazards. 5. All ducted extraction systems are connected and operational, fully maintained and cleaned as required. 6. Good lighting is provided to all workspaces and this is maintained on a regular basis. Fluorescent tubes are checked and	1	4	M5

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
Electrical	Operator injured by electrical shock due to working near or contacting with damaged or poorly maintained live electrical conductors such as power outlets, extension leads, safety switches, starters and isolators or casual water on the floor near plant and machinery.	3	5	H8	1.All powered Spray Equipment have a wall or machine mounted isolating switch that disconnects all motive power. 2.All powered Spray Equipment are fitted with a Direct on Line (DOL) Start/Stop switch - (red and green buttons). 3.Emergency stop buttons are mounted prominently where necessary. 4.“Lock Out” or warning “Danger” tags are affixed to all powered Spray Equipments under repair or maintenance preventing workers from using the equipment. 5.Electrical safety inspections are completed regularly as per guidelines for all powered Spray Equipments. 6.Electrical maintenance on all plant and equipment is	1	5	M6
Ergonomics and Manual Handling	Plant be safely operated, in a suitable location, providing clear and unobstructed access. Poorly designed work stations when performing manual tasks involving pushing, pulling or carrying, etc. Musculoskeletal sprains and strains for workers.	3	4	H7	1.All Spray Equipment and work benches are planned and adjusted to a comfortable work height thus minimising any unsafe or excessively strenuous manual tasks. 2.Sufficient workspace is provided to ensure unobstructed, safe operation. 3.Safe Working Zones are clearly defined around all fixed plant including Spray Equipment. Floors are free of excessive dust, waste materials and other extraneous objects. 4.Training is provided with regard to manual handling techniques and procedures to minimise exposure to these hazards.	1	4	M5

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