

STANDARD OPERATING PROCEDURE

Spray Painting Plant

DO NOT use this equipment unless you have been trained and inducted in its safe use and operation, and have been given permission to use this equipment.



Safety glasses must be worn. Contact lenses to be replaced with prescription safety glasses when spray painting.



Safety footwear must be worn when operating this equipment.



A respirator fitted with serviceable, approved respiratory cartridges must be worn when operating this equipment.



Long and loose hair must be contained when operating this equipment.



Close fitting/protective clothing must be worn. Disposable coveralls to be worn when conducting heavy spray painting.



Hearing protection must be worn where noise levels are in excess of the 85 dB(A) occupational exposure limit.

PRE-OPERATIONAL SAFETY CHECKS

1. Ensure that risk assessment has been read. **UQ risk assessment task ID # 1900.**
2. Ensure that Compressed Shop Air **UQ risk assessment task ID # 2128** has been read.
3. Ensure that Adhesives, Solvents & Coatings **UQ risk assessment task ID # 35894** has been read.
4. Ensure no slip/trip hazards are present in workspaces and walkways.
5. Locate and ensure you are familiar with the operation of the ON/OFF starter and lockable E-Stop.
6. Ensure that the air inlet filters are clean and free from obstructions.
7. Ensure all source of ignition and miscellaneous items are removed from the booth before spraying.
8. Locate and check air isolation valve.
9. Check hoses and fittings are in good condition and are properly connected.
10. Check air pressure regulator and pressure gauge operates.
11. Ensure fume extraction filters aren't blocked or damaged and unit is on before beginning to spray.
12. Faulty equipment must not be used. Immediately report suspect plant.

OPERATIONAL SAFETY CHECKS

1. Ensure that the roller door is open as to ensure that adequate air flow is obtained for the fume extraction to operate effectively.
2. Adjust pressure regulator to suit work requirements.
3. Place the work piece in a position where the spray gun operator always has the spray between themselves and the extraction fan.

HOUSEKEEPING

1. Switch off the equipment, engage E-stop.
2. Dispose of waste paint/solvent in accordance with UQ Environmental Management System Chemical Waste Management Procedure.
3. Turn off fume extraction.
4. Ensure solvents, paints etc. are stored in an approved storage facility.
5. Ensure all spray painting equipment is cleaned and stored away in the correct location.
6. Leave the equipment and work area in a safe, clean and tidy state after job is completed.
7. Lock up Spray Booth to avoid unauthorised access.

POTENTIAL HAZARDS

- Compressed Air
- Explosions
- Hazardous substances
- Spontaneous combustion
- Eye injuries
- Noise exposure

FORBIDDEN

- Spray painting without a compliant respirator
- Operating near Ignition sources of any type
- Spray painting in windy conditions
- Directing air stream at yourself or other people
- Electrical equipment in spray booth
- Mobile phones switched on in spray booth

This SOP does not necessarily cover all possible hazards associated with the machine and should be used in conjunction with other references. It is designed to be used as an adjunct to teaching Safety Procedures and to act as a reminder to users prior to machine use.