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| Fixed Static Plant_SOP  **SPRAY PAINTING PLANT** | |
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| **DO NOT** use this machine unless a teacher has instructed you in its safe use and operation and has given permission | |
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| Safety glasses must be worn at all times in work areas. | Hair Protection circleLong and loose hair must be contained or restrained. |
| Foot Protection circleAppropriate protective footwear with substantial uppers must be worn. | ApronCoveralls, protective clothing or a workshop apron is encouraged. |
| **Prohibition circleProhibition circle**Rings and jewellery must not be worn. | Dust mask signA respirator fitted with approved respiratory cartridges must be worn. |
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### **PRE-OPERATIONAL SAFETY CHECKS**

1. **Ensure no slip/trip hazards are present in workspaces and walkways.**
2. **Locate the compressor in a suitable location for safe operation.**
3. **Lock the wheels on the base of the compressor to prevent movement.**
4. **Visually check that the primary spray booth filters are in a sound, clean condition.**
5. **Check all the fittings are securely connected prior to being pressurised.**
6. **Check that the air pressure regulator and gauge are operating correctly.**
7. **Ensure that the air or fume extraction unit is ON and operating efficiently.**
8. **Faulty equipment must not be used. Immediately report suspect machinery.**

OPERATIONAL SAFETY CHECKS

1. **Start the compressor, noting pressure increase and cut-out/cut-in pressure.**
2. **Listen for any air leaks from any flexible airlines and spraying equipment.**
3. **Adjust pressure regulator to suit your particular spray painting requirements.**
4. **Place the workpiece in an appropriate position where the operator always has the spray directed between themselves and the exhaust filter. Spray away from the body.**
5. **NEVER direct a compressed air stream onto the body or towards others.**
6. **ALWAYS use a compliant respirator when sing volatile spray paints and solvents.**
7. **Read and comprehend the safety data sheet information supplied for all paints and solvents.**

HOUSEKEEPING

1. **Switch off the air compressor and the fume extraction system.**
2. **Ensure all solvents, paints, etc. are stored in an approved storage facility.**
3. **Leave the booth, hoses, spray equipment and work area in a safe, clean and tidy state.**

## POTENTIAL HAZARDS

## ◼ Compressed air ◼ Hazardous chemicals ◼ Toxic fumes

## ◼ Fire and explosions ◼ Confined spaces ◼ Heat stress

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| **Date of last review** | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |