

STANDARD OPERATING PROCEDURE

Belt & Disk Linisher (Metal)

DO NOT use this machine unless you have been trained and assessed to a competent level in its safe use and operation, and have been given permission to use this equipment.



Face shield must be worn when operating this equipment.



Safety footwear must be worn when operating this equipment.



Rings and jewellery must not be worn when operating this equipment.



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



Close fitting/protective clothing must be worn when operating this equipment.



Hearing protection must be used when operating this equipment.



Gloves must not be worn when machine is operating. Machine to be at standstill if gloves required for manual operations.

PRE-OPERATIONAL SAFETY CHECKS

1. Ensure that risk assessment has been read. **UQ risk assessment task ID # 2079.**
2. Ensure no slip/trip hazards are present in workspaces and walkways.
3. Check equipment connected with a plug and cord is fitted with a current electrical safety test tag..
4. Examine the power cord for damage.
5. Locate and ensure you are familiar with the operation of the ON/OFF starter and lockable E-Stop.
6. Gloves should not be worn due to risk of entanglement.
7. No loose clothing, hair, jewellery etc. should be worn.
8. Check that all guards are in position.
9. Faulty equipment must not be used. Immediately report suspect machinery.

OPERATIONAL SAFETY CHECKS

1. Check linishing belt/disk for wear, tear, cracks, glazing and flaws. Discard faulty belts/disks.
2. When fitting new belt, check for correct direction of rotation and type for application.
3. Ensure material to be linished is of correct size/shape and can be held safety during operation.
4. Ensure water is nearby for quenching hot metal materials during process.
5. Maintain a staggered stance with your weight on the back foot to prevent falling into the machine.
6. Apply firm and even pressure without forcing material into the sanding belt or disk.
7. Before making adjustments switch off the linisher and bring the machine to a complete standstill.
8. Never leave the machine running unattended.

HOUSEKEEPING

1. Switch off the equipment, engage E-stop and reset all guards to a fully closed position.
2. Return all tooling and fixtures to the correct storage location.
3. Leave the machine and work area in a safe, clean and tidy state after job is completed.
4. Clean face shield and hang on adjacent hook. Replace shield when visor becomes scratched.
5. Return surplus material to stock & dispose of waste material in an appropriate recycling or waste bin

POTENTIAL HAZARDS

- Sparks
- Hot Metal
- Entanglement
- High noise levels
- Eye injuries
- Sharp edges burrs
- Metal splinters
- Belt 'run on' after switching off

FORBIDDEN

- Distracting operator
- Removal or modification of safety devices
- Using equipment with lapsed test tag
- Sanding timber

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.