

Belt/Orbital Sander Operation

Facility:	Written By:	Approved By:	Date Created:	Date of Last Revision

Hazards Present:	PPE or Devices Required:	Additional Training Required:
Exposed sanding media-abrasion	Eye Protection	
Electrical Shock	Hard Hat	
Noise	Hearing Protection	
Airborne particles	Safety Footwear	
Vibration-MSI		

Safe Work Procedure:

1. Read and understand the manual that accompanies your belt/orbital sander.
2. Don personal protective equipment before beginning the task. Ensure clothing fits appropriately
3. Inspect work area. Clear floor of underfoot obstructions.
4. Unplug the sander (or remove battery). Inspect its cord (battery, air line) and body for damage, missing parts, or hazards. If repairs are needed, lockout the tool and notify your supervisor. Only qualified personnel are to perform repairs. Install sanding media while tool is de-energized.
5. Clamp or fasten work piece securely. Keep both hands on a belt sander. Orbital sanders may be used with one hand on the tool and one on the work piece.
6. Ensure sockets being used are designed for impact tools. Standard sockets are not strong enough and may shatter if used in impact tools.
For 110V tools
 Be aware of electrical shock hazards created in damp conditions. Do not allow tool to damage its own cord.
For pneumatic tools:
 Ensure the hose is connected properly.
 The exhaust of the tool is a potential source of flying projectiles. Wear appropriate PPE.
 Energize and start the tool.
 Check for proper operation.
7. Many finishes and certain woods create toxic dusts. Wear the appropriate respirator for the material being sanded.
8. When finished, unplug the grinder from the power source. Clear work area of debris.
9. Empty dust bags often, and at the end of the day. Accumulated polyurethane dusts can self ignite

If an emergency situation occurs while conducting this task, or there is an equipment malfunction, engage the emergency stop and follow the lock out procedure

REPORT ANY HAZARDOUS SITUATIONS TO YOUR SUPERVISOR

Guidance Documents/Standards: MB Workplace Safety & Health Act & Regulations: 2.1 Safe work procedures 6.13(1) Eye and face protectors 6.15(1) Respiratory Protective Equipment Part 8 Musculoskeletal Injuries Part 9 Working Alone 12.4 Hearing Protection 16.4 Machine and Tool Safety 16.14 Lockout 16.25(1) Hand Power Tools	This Safe Work Procedure will be reviewed any time the task, equipment or materials change and at a minimum of every three years
	Reviewed By WSH Committee: Date: