



Bench Grinder

Developed by:	Approved by:	Date created:	Last revision:
B White Safety Coordinator	Jason Moffat	October 2008	December 1, 2022
Possible Hazards Present	Personal Protection Required	Additional Training	
<ul style="list-style-type: none"> - Electricity - Moving parts - Metal /stone fragments - Noise - Heat (sparks) 	<ul style="list-style-type: none"> - Face shield - Long sleeves - Gloves when necessary - CSA approved protective footwear 	<ul style="list-style-type: none"> - PPE 	
<ol style="list-style-type: none"> 1. Read and understand the operator's manual and warning labels. 2. Fasten pedestal and bench grinders securely. 3. Ensure all guards are secured in place. 4. Adjust tool rests to within 3mm (1/8 inch) of wheel. Never adjust rests when the wheel is moving. 5. Maintain a 6mm (1/4 inch) between wheel and guard. 6. Check equipment for deficiencies before each use (frayed cords, worn or cracked wheels, proper guarding, etc.) 7. Stand to one side until the wheel reaches maximum speed. 8. Ensure the work piece is not in contact with the wheel when the power is turned on. 9. Bring the work into contact with the wheel slowly and smoothly without bumping. 10. Ensure the grinder speed does not exceed the operating speed marked on the wheel. 11. Apply gradual pressure to allow wheel to warm up. Use only pressure needed to complete the job. 12. Move the work back and forth across the wheel to prevent grooving. 13. Dress the wheel regularly. Do frequent, light dressings rather than heavy dressings. 14. Replace worn wheels if they cannot be dressed. 15. Inspect new wheels before mounting. 16. Always practice good housekeeping. 17. REPORT ANY DANGEROUS SITUATIONS TO THE SUPERVISOR 			
Documentation/Legislation Workplace Safety and Health Regulation, M.R. 217/2006 6 Personal Protective Equipment 16 Machines, Tools and Robots		This Safe Work Procedure will be reviewed anytime the task, equipment or materials change and at a minimum every three years.	