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Sample General Safe Work Practice for Bench Grinder

Potential Health and Safety Hazards

- Hot metal.
- Sparks.
- Noise. Sharp edges and burrs.
- Hair/clothing getting caught in moving machine parts.
- Wheels 'run on' after switching off.
- Eye injuries.

Safe Work Practices

- ✓ Locate and ensure you are familiar with all machine operations and controls
- ✓ Ensure all guards are fitted, secure and functional.
- ✓ Check workspaces and walkways to ensure no slip/trip hazards are present.
- ✓ Ensure the wheels do not touch the work rest and that the gap between wheel and rest is no greater than 1.5mm.
- ✓ Check that the wheels are running true and are not glazed or loaded.
- ✓ Check for cracks in the wheel and report any you find.
- ✓ Stand to the side of the wheels when starting up.
- ✓ Let the wheels gain maximum speed before starting to grind.
- ✓ Only one person may operate this machine at any one time.
- ✓ Clean up and absorb any coolant spills immediately.
- ✓ Leave the machine in a safe, clean and tidy state.

- ✗ Do not use faulty equipment. Immediately report any suspect machinery.
- ✗ Do not hold workpiece with gloves, cloth, apron or pliers.
- ✗ Do not grind non-ferrous metals.
- ✗ Do not grind on the side of the wheel.
- ✗ Do not hold small objects by hand.
- ✗ Never leave the machine running unattended.
- ✗ Do not bend down near the machine while it is running.

Please note: This document is for information purposes only as a guide. The safe job procedures (SJP) and safe work practices (SWP) created for your workplace should reflect your organizations processes, equipment and hazards as identified by a hazard analysis. Construction Safety Nova Scotia does not assume responsibility for the use of information in this document. If assistance is needed to complete a SWP and SJP for your organization please contact CSNS member services at constructionsafetyns.ca or 1.800.971.3888.