



35 MacDonald Ave,
Dartmouth, NS, B3B 1C6
Tel: 902 468 6696
Toll Free NS: 1 800 971 3888
Fax: 902 468 8843
Web: www.constructionsafetyns.ca

Safe Work Practice

Name of Job: Use of Portable Grinders	Development Date: February 17th, 2011	Developed By: CSNS
---	--	------------------------------

Possible Hazards Present

Gloves, loose clothing or jewelry being caught	Flying debris	Sparks	Electrocution
---	---------------	--------	---------------

Personal Protective Equipment (PPE) and Devices Recommended

Steel toed boots	Face shield	Safety glasses	Hand protection
------------------	-------------	----------------	-----------------

What are some good general safe work practices?

- **DO** familiarize yourself with the grinder operation before commencing work.
- **DO** ensure proper guards are in place and that safety glasses, face shields, gloves and safety boots are worn when using portable grinders.
- **DO NOT** exceed the maximum wheel speed (every wheel is marked). Check the speed marked on the wheel and compares it to the speed on the grinder.
- **DO check** the wheels before mounting them, for cracks and defects, ensure that the mounting flanges are clean and the mounting blotters are used. Do not over tighten the mounting nut.
- **DO** run newly mounted wheels at operating speed to check for vibrations before grinding.
- **DO NOT** use grinders near flammable materials.
- **DO NOT** use the grinder for jobs for which it is not designed, such as cutting.

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.