**Safe Work Practice**

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

**Possible Hazards Present**

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

**Personal Protective Equipment (PPE) and Devices Recommended**

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| Steel toed boots | Face shield  | Safety glasses | Hand protection |
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**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.