**Safe Work Practice Use of Portable Grinders**

| **Department/Area:** | **Approved by:** | **Date Created:** | **Review/Revision Date:** |
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| insert text here |  |  |  |

| **Potential Hazard** | **Risk level** |
| --- | --- |
| Awkward/sustained postures - bend, reach, lift |  |
| Forceful exertions - lifting |  |
| Repetitive movements |  |
| Vibration |  |
| Compression |  |
| Sharp points/edges - sharp materials |  |
| Pinch points - bin lids |  |
| Materials falling - bin lids |  |
| Surfaces causing falls - icy, snow in winter |  |
| Moving machinery |  |
| Chemicals |  |
| Biological pathogens - contact with waste |  |
| Electrical |  |
| Extreme heat/cold |  |
| Noise |  |
| Combustibles/flammables |  |
| Risk of falling |  |
| Other |  |

| **Risk control devices, personal protective equipment, and other safety considerations** | **Training/Reference info** |
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* **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.