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|  | Job Safety Analysis | | |
| Portland State University | |  |
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| Facilities Services |  |  |
| Operating a 48-inch Drum Sander | | |
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| **Task** | **Hazards** | **Controls** |
| 1. Prepare work area. | Inhalation of sawdust | Turn on exhaust fan. |
| Sawdust in eyes | Wear safety glasses or face shield. |
| 2. Turn on air valve to tighten belt; check belt. | Sawdust in eyes | Wear safety glasses or face shield. |
| Pinch to fingers, abrasion to fingers or hands | Avoid pinch points.  Wear gloves or use push rod to check tightness of drum. |
| 3. Check rollers; turn on rollers and belt. | Pinch to fingers | Be aware of pinch points and avoid them. |
| 4. Align material, guide it into sander, and allow belt to carry material through sander. | Muscle strain | Use proper back safety techniques, avoid repetitive stress, take breaks if necessary.  Get help to handle heavy or awkward materials. |
| Pinching fingers or hands | Avoid pinch points and wear gloves when appropriate. |
| **Required Training:**   1. Operation of drum sander 2. Back safety | **Required Personal Protective Equipment (PPE)**   1. Safety glasses or face shield 2. Gloves | |
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| **Other Information:** |  | | |
| **Contributors:** | Reviewed JKM | | |
| **Created:** | July 2006 | | |