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|  | Job Safety Analysis |
| Portland State University |  |
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| Facilities Services |  |  |
| Operating a Belt Sander |
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| **Task** | **Hazards** | **Controls** |
| 1. Turn on sanding belt.
 | Flying dust and debris in eyes | Wear safety glasses and face shield. Keep face and hands away from moving belts. Make sure guards are in place. |
| Muscle strain | Position body to maintain balance. Avoid twisting and overextending. |
| 2. Align material with belt sander. | Cutting hand on metal or on moving belt | Wear gloves.Don’t hold sharp edges. Keep hands and fingers away from belts. Make sure guards are in place. |
| 3. Angle metal and make contact with belt sander. | Flying glass debris and dust in face and eyes  | Wear safety glasses and face shield. |
| Belt breaking | Control amount of pressure exerted on belt and maintain balance. Make sure belt guards are in place. |
| Cutting hand on moving belt | Keep hands and fingers away from moving belt. Make sure guards are in place. |
| **Required Training:**1. Operation of belt sander | **Required Personal Protective Equipment (PPE)**1. Safety glasses
2. Face shield
3. Non-skid shoes
4. Leather gloves
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| **Other Information:** | See (insert link) for more information on (insert titles of linked documents) |
| **Contributors:** | Reviewed ccc |
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