|  |  |  |  |
| --- | --- | --- | --- |
|  | Job Safety Analysis | | |
| Portland State University | |  |
|  |  |  |
| Facilities Services |  |  |
| Operating a Belt Sander | | |
|  | | |
| **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 | |
|  |  |  |
| **Other Information:** | See (insert link) for more information on (insert titles of linked documents) | | |
| **Contributors:** | Reviewed ccc | | |
| **Created:** | AUG 2006 | | |