|  | **JOB SAFETY ANALYSIS**  |
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|  | Safety Information for the University of California, Berkeley |
|  | **Facilities Services** |
|  |  **Lathe Operations** |
|  | **TASK HAZARDS CONTROLS** |
|  | 1. Working on the lathe | Pinch points, entanglement, rotating parts, amputations, cuts, scrapes, burns, flying debris, air embolism | Perform a visual inspection before startingMake sure coolant levels are good, if applicableDo not wear loose clothingDo not wear gloves while using the lathe. Gloves are only allowed while handling the material. Gloves may get caught in rotating parts and cause serious injuries. Tie long hair. No jewelryWear safety glasses Face shields recommended but not required.Make sure job is clamp tightRemove the chuck key when not in useRemove all tools from the bed and slidesUse the correct speed needed for processNever leave the equipment running unattendedDo not attempt to slow or stop the chuck or revolving work by handUse a chip hook or appropriate tool to clear chips. Do not use bare hands.Keep both hands and body behind the controls compound rest at all timesDo not lean against the lathe. Your clothes may get caught in the lead screw and feed rodKeep your hands away from the chuck, quill, and headstockActivate the E-Stop once work is done to prevent accidental startDe-energize equipment when servicing.If using an air compressor to clean the lathe, do not use the air compressor to clean yourself. Ensure proper guards are in place |
|  | 2. | Noise | Wear hearing protection |
|  | 3. | Slips, trips, and falls | Wear slip resistant bootsClean up liquid spills and splashesRemove trip hazards before start up |
|  | 4. | Coolant splash | Use the splash shieldWear safety glassesGoggles are recommended, or safety glasses with face shields |
|  | **Required Training:**  | **Personal Protective Equipment (PPE)**Safety glasses requiredHearing protection requiredFace shield or goggles are recommended |
| **Other Information:** |  |
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|  | For more information about this JSA, contact the Department Safety Coordinator. |