




Task Hazard Assessment Form

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|---------------------------|-------------------------|
| Task Name | Operating Bench Grinder |
| Department | Facilities - Locksmiths |
| Supervisor | Michael Ercoli |
| Work Location | Lock Shop |
| Date of Assessment | 01/23/2025 |

| Hazard | Description |
|---|---|
| <p>Physical Hazards (Check all that apply) <input type="checkbox"/> N/A</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Electrical Hazards <input type="checkbox"/> Fall from Heights <input type="checkbox"/> Falling Objects <input checked="" type="checkbox"/> Flying Particles <input checked="" type="checkbox"/> Noise <input checked="" type="checkbox"/> Sharp/Abrasive Objects <input checked="" type="checkbox"/> Struck by Objects <input type="checkbox"/> Slippery Surfaces <input checked="" type="checkbox"/> Sparks/Hot Particles <input type="checkbox"/> Temperature Extremes <input type="checkbox"/> Vehicular Traffic <input type="checkbox"/> Other (Please Describe): _____ | <p>Describe any applicable hazards</p> <ul style="list-style-type: none"> ➤ Electricity powering bench grinders can cause shocks ➤ Grinding can create outward flying particles ➤ Grinding wheel surfaces are very abrasive ➤ Grinding wheel can cause materials to move suddenly, if not secured ➤ Bench grinders cause loud noises when in use ➤ Grinding metals can generate sparks and hot particles |
| <p>Chemical Hazards (Check all that apply) <input type="checkbox"/> N/A</p> <ul style="list-style-type: none"> <input type="checkbox"/> Air/Water-Sensitive Substances <input type="checkbox"/> Flammable Liquids/Vapors <input checked="" type="checkbox"/> Irritants <input type="checkbox"/> Compressed Gases <input type="checkbox"/> Corrosive Substances <input type="checkbox"/> Radioactive Substances <input checked="" type="checkbox"/> Toxic Substances <input type="checkbox"/> Other (Please Describe): _____ | <p>Describe any applicable hazards</p> <ul style="list-style-type: none"> ➤ Grinding can generate irritating dust/fumes ➤ Grinding certain materials, such as brass, can cause exposure to lead |
| <p>Biological Hazards (Check all that apply) <input checked="" type="checkbox"/> N/A</p> <ul style="list-style-type: none"> <input type="checkbox"/> Air-borne Pathogens <input type="checkbox"/> Biological Sharps <input type="checkbox"/> Blood and Bodily Fluids <input type="checkbox"/> Mold <input type="checkbox"/> Sewage <input type="checkbox"/> Other (Please Describe): _____ | <p>Describe any applicable hazards</p> |

| Controls Methods | Task-Specific Controls |
|---|--|
| <p>Engineering Controls - Physical methods that reduce or prevent workers from coming into contact with hazards</p> <p><u>Examples (Not Exhaustive)</u></p> <ul style="list-style-type: none"> ▪ Carts/Dollies ▪ Emergency Shut-Offs ▪ Guardrails ▪ Hoists ▪ Machine Guards ▪ Pumps ▪ Ventilation | <p>List any engineering controls that are required to complete this task</p> <ul style="list-style-type: none"> ➤ Ensure the shut-off button is present and in good working order ➤ Ensure the work rest is present and adjusted to 1/8th inch gap ➤ Ensure the tongue guard is present and spaced \leq 1/4th inch from the wheel ➤ Ensure the spark shield is present and angled to cover the wheel |
|  | |
| <p>Administrative Controls – Work practices that reduce the duration, frequency, or intensity of exposure to hazards</p> <p><u>Examples (Not Exhaustive)</u></p> <ul style="list-style-type: none"> ▪ Buddy System ▪ Communication ▪ Limiting Access ▪ Rest Breaks ▪ Training | <p>List any administrative controls that are required to complete this task</p> <ul style="list-style-type: none"> ➤ Only use the benchtop grinder if you have been trained in safe operation by a competent employee ➤ Visually inspect the bench grinder prior to use. If there are signs of damage or missing parts, place the equipment out-of-service. ➤ Do not operate the bench grinder if you are feeling fatigued/unwell ➤ Do not grind any materials that are suspected to contain lead paint without first consulting WCSU EHS |
| <p>Personal Protective Equipment (PPE) - Equipment worn to minimize exposure to hazards</p> <p><u>Examples (Not Exhaustive)</u></p> <ul style="list-style-type: none"> ▪ Chemical Aprons ▪ Cut-Resistant Gloves ▪ Dust Suits ▪ Face Shields ▪ Safety Glasses | <p>List any personal protective equipment that is required to complete this task</p> <ul style="list-style-type: none"> ➤ Safety glasses ➤ Ear protection (ear plugs, earmuffs) ➤ Work gloves ➤ Standard work clothing (long pants, work shoes) |



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| Is a follow-up required? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Reason for follow-up | | |

Task Hazard Assessment Form Completed By

Name: _____ Mark Schuman _____

Signature: _____

Department: _____ Environmental Health and Safety _____

Date: _01/09/2025_