




Task Hazard Assessment Form

Task Name	Operating Bench Grinder
Department	Facilities - Maintenance Trades
Supervisor	Eugene Tosetti
Work Location	Carpentry Shop
Date of Assessment	01/09/2025

Hazard	Description
Physical Hazards (Check all that apply) <input type="checkbox"/> N/A <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): _____	Describe any applicable hazards <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
Chemical Hazards (Check all that apply) <input type="checkbox"/> N/A <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): _____	Describe any applicable hazards <ul style="list-style-type: none"> ➤ Grinding can generate irritating dust ➤ Grinding materials containing lead-based paint can cause exposure to lead
Biological Hazards (Check all that apply) <input checked="" type="checkbox"/> N/A <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): _____	Describe any applicable hazards

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 $\leq 1/4^{\text{th}}$ 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 cut, drill, or grind anything that may contain hazardous materials (lead, asbestos, PCBs), without consulting WCSU EH&S
<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)



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_