








# Task Hazard Assessment Form

<b>Task Name</b>	Operating Bench Grinder
<b>Department</b>	HVAC
<b>Supervisor</b>	Kyle Brennan
<b>Work Location</b>	Central Steam Plant
<b>Date of Assessment</b>	10.10.2024

Hazard	Description
<b>Physical Hazards (Check all that apply)</b> <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): _____	<b>Describe any applicable hazards</b> <p>➤ Electricity powering the bench grinder can cause shocks</p> <p>➤ Grinding can create outward flying particles</p> <p>➤ Grinding wheel surfaces are very abrasive</p> <p>➤ Grinding wheel can cause materials to move suddenly, if not secured</p> <p>➤ The bench grinder causes loud noises when in use</p> <p>➤ Grinding metals can generate sparks and hot particles</p>
<b>Chemical Hazards (Check all that apply)</b> <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): _____	<b>Describe any applicable hazards</b> <p>➤ Grinding can generate irritating dust</p> <p>➤ Grinding materials containing lead-based paint can cause exposure to lead</p>
<b>Biological Hazards (Check all that apply)</b> <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): _____	<b>Describe any applicable hazards</b>


Controls Methods	Task-Specific Controls
<p><b>Engineering Controls</b> - 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"> <li>▪ Carts/Dollies</li> <li>▪ Emergency Shut-Offs</li> <li>▪ Guardrails</li> <li>▪ Hoists</li> <li>▪ Machine Guards</li> <li>▪ Pumps</li> <li>▪ Ventilation</li> </ul>	<p><b>List any engineering controls that are required to complete this task</b></p> <ul style="list-style-type: none"> <li>➤ <b>Ensure the shut-off button is present and in good working order</b></li> <li>➤ <b>Ensure the work rest is present and adjusted to 1/8<sup>th</sup> inch gap</b></li> <li>➤ <b>Ensure the tongue guard is present and spaced <math>\leq 1/4^{\text{th}}</math> inch from the wheel</b></li> <li>➤ <b>Ensure the spark shield is present and angled to cover the wheel</b></li> <li>➤ <b>Plug equipment into a GFCI</b></li> </ul>
    	<p><b>List any administrative controls that are required to complete this task</b></p> <ul style="list-style-type: none"> <li>➤ <b>Only use the benchtop grinder if you have been trained in safe operation by a competent employee</b></li> <li>➤ <b>Visually inspect the bench grinder prior to use. If there is signs of damage or missing parts, place the equipment out-of-service.</b></li> <li>➤ <b>Do not operate the bench grinder if you are feeling fatigued/unwell</b></li> <li>➤ <b>Do not cut, drill, or grind anything that may contain hazardous materials (lead, asbestos, PCBs), without consulting WCSU EH&amp;S</b></li> </ul>
<p><b>Personal Protective Equipment (PPE)</b> - Equipment worn to minimize exposure to hazards</p> <p><u>Examples (Not Exhaustive)</u></p> <ul style="list-style-type: none"> <li>▪ Chemical Aprons</li> <li>▪ Cut-Resistant Gloves</li> <li>▪ Dust Suits</li> <li>▪ Face Shields</li> <li>▪ Safety Glasses</li> </ul>	<p><b>List any personal protective equipment that is required to complete this task</b></p> <ul style="list-style-type: none"> <li>➤ <b>Safety glasses</b></li> <li>➤ <b>Ear protection (ear plugs, earmuffs)</b></li> <li>➤ <b>Work gloves</b></li> <li>➤ <b>Standard work clothing (long pants, work shoes)</b></li> </ul>



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:** \_10/10/24\_