

The background of the slide features a large, semi-transparent watermark of the Tulane University crest. The crest is a shield-shaped emblem with a green background and a white border. It depicts a central figure, likely a person or a symbol, with arms raised, set against a backdrop of a building or architectural structure. The watermark is centered and serves as a background for the main text.

# Safety Instructions and Job Hazard Analysis: Vertical and Horizontal Band Saws

Job/Task Step	Hazard	Hazard Control Method/PPE
Inspect Equipment/PPE Check/Buddy System	N/A	<ul style="list-style-type: none"> <li>• Don all required PPE for use of the Band Saw. Approved safety glasses with side shields, long Pants, closed toe shoes.</li> <li>• Ear plugs are available and recommended.</li> <li>• Tuck in shirt, no loose fitting clothing or jewelry.</li> <li>• Long hair must be pulled back or tucked into a hat.</li> <li>• Work with the supervisor of the space to review operations and ensure all risks have been addressed.</li> </ul>
Place the Material on the Band Saw Platform	Abrasions/Lacerations, Pinch Points, Muscle Strain	<ul style="list-style-type: none"> <li>• Wear gloves to prevent cuts if handling material that is sharp or has ragged edges.</li> <li>• Use proper lifting techniques and ask for help should the material be too heavy or awkward to lift.</li> </ul>
Adjust blade guard to the desired height	Abrasions/Lacerations, Pinch Points, Moving Parts	<ul style="list-style-type: none"> <li>• The guard should expose only the minimum amount of saw blade needed to cut your workpiece. Be aware of pinch point hazards while the adjustment movement is being made.</li> </ul>
STOP	PPE CHECK	<ul style="list-style-type: none"> <li>• PRIOR TO TURNING ON THE SAW AND MAKING THE CUT, ENSURE ALL REQUIRED PPE IS WORN.</li> <li>• Safety Glasses prevent eye injury from flying debris.</li> <li>• Long pants and closed toe shoes prevent injury from falling objects being cut.</li> <li>• Ear plugs are recommended due to high noise hazards.</li> </ul>
Turn the Saw on/Make the Cut	Flying Objects, Abrasion/Laceration, High Noise, Falling Objects, Slipping Hazards	<ul style="list-style-type: none"> <li>• Be aware of saw dust, metal filings and other debris that is falling on the ground.</li> <li>• Keep fingers clear of the moving blade</li> <li>• Be mindful of the potential of slip/trip/fall</li> </ul>

			hazards.
Turn off the Saw	Moving Parts	<ul style="list-style-type: none"> <li>Do not attempt to touch the blade of the saw or remove your cut material until the blade has stopped moving completely.</li> <li>Continue to wear all required PPE: Safety Glasses, Closed Toe Shoes, and Long Pants.</li> </ul>	
Remove Cut Material from the Saw's Platform	Abrasions/Lacerations, Pinch Points, Muscle Strain	<ul style="list-style-type: none"> <li>Wear gloves to prevent cuts if handling material that is sharp or has ragged edges.</li> <li>Use proper lifting techniques and ask for help should the material be too heavy or awkward to lift.</li> </ul>	
Clean Work Area	Abrasions/Lacerations, Flying Debris	<ul style="list-style-type: none"> <li>Wear gloves while picking up large or sharp pieces of cut material for disposal.</li> <li>Wear Safety Glasses to prevent eye injury while sweeping the area on and under the saw.</li> </ul>	
Move the blade shield down to conceal the blade	Moving Parts	<ul style="list-style-type: none"> <li>Be aware of hand and body placement.</li> </ul>	

In case of malfunction: If the tool does not perform as anticipated, or makes an unfamiliar sound, or creates any safety concerns: IMMEDIATELY notify a Maker Ninja and ask them to Lockout and Tag out the tool until a follow-up inspection can be completed.