



Job Safety Analysis

Safety Information for The University of North Carolina at Chapel Hill

JOB SAFETY ANALYSIS TOPIC:

Bandsaws



Title	Work Task	Hazards	Controls
Preplan the work	<p>Gather Proper PPE for the job and inspect it (safety glasses/face shield, respirator if required by material, hearing protection if area requires)</p> <p>Inspect the tool (check blade, guards, cable)</p> <p>Replace blade if necessary</p>	<p>Improper PPE inspection/selection</p> <p>Improper tool inspection</p>	<p>Improper PPE use and inspection can lead to unnecessary hazards created by wrong PPE or faulty PPE</p> <p>Improper tool inspection can lead to use of faulty or dangerous equipment</p> <p>If equipment fails inspection denote it on the piece of equipment to warn others from using it</p>
Before the job	Don necessary PPE (Face shield, Safety Glasses, Hearing Protection, Safety Shoes)	Improper Donning	Improperly donning or not donning PPE can lead to an unnecessary exposure. Ensure all PPE is on correctly and passed inspection

Title	Work Task	Hazards	Controls
Using the tool	<p>Adjust the guard and blade to the appropriate position to work (1.4 inch above material)</p> <p>Start up the equipment and any surrounding ventilation equipment if necessary</p> <p>Use an appropriate push bar or stick to push smaller materials through</p>	<p>Cut/Puncture/Scrape Hazard</p> <p>Pinch Hazards</p>	<p>Follow the manufacturers operation manual</p> <p>Avoid wearing loose clothing or gloves with this tool to help avoid unintended material from being caught in the blade</p> <p>Keep hands away from pinch points and blade</p>
Clean Up	<p>Clean the site to ensure area stays clean</p> <p>Clean and store PPE properly</p>	<p>Improper tool storage</p> <p>Improper PPE storage</p>	<p>Have a central location for tool and PPE storage to ensure they are stored properly. PPE should be stored in a climate controlled and dry space</p>
Training	<p>Employees must have hands on training in the proper use of this piece of equipment.</p>	<p>Supervisor is to fill out the turn in the form to UNC-CH ‘Supervisor Led Training Form’ and Environment, Health and Safety for documentation of proper training</p>	
Created By	<p>Cory Kirkland, Facilities Safety Officer</p>		
Referenced Material	<p>Manufacturer operation and safety manuals for Milwaukee, Northern Tool, and Makita portable band saws</p>		

Contact Info

For more information about this JSA and other JSAs, contact:

UNC-CH Department of Environment, Health and Safety

1120 Estes Drive Extension, Chapel Hill NC 27599 CB# 1650

(919) 962-5507 ☎ <http://ehs.unc.edu>



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