



## JOB SAFETY ANALYSIS OPERATING A BAND SAW

### Required Personal Protective Equipment (PPE)\*

Safety glasses, goggles, or face shield

### Required Training

Operation of band saw

\*Additional training and PPE may be required depending on the scope of activities.



TASK	HAZARDS	CONTROLS
1. Equipment Inspection	Injury from blade  Possible accidental startup	<ul style="list-style-type: none"> <li>- Ensure all parts are securely attached and safety guards are properly adjusted</li> <li>- Ensure all wheels and blade are in good condition</li> <li>- Check for any damaged pieces</li> <li>- Ensure the machine is properly oiled and serviced</li> <li>- Locate controls ON/OFF switch</li> </ul>
2. Preparing for Work	Pinching or cutting of fingers/hands  Caught – in or – between hazards	<ul style="list-style-type: none"> <li>- Tie up (back) hair, remove jewelry, and wear fitted clothes</li> <li>- Put on required PPE before using equipment</li> <li>- Ensure the work area around the equipment is clear of any debris and obstructions</li> <li>- Ensure adequate lighting is provided around the work area</li> <li>- Unplug saw when adjusting guard down to the desired height (1/4 inch above the work piece). Never adjust saw or setup while saw is running</li> <li>- Inspect stock for any nails, screws, or other metallic objects</li> <li>- Turn dust collection on prior to cutting</li> </ul>
3. Operating Equipment	Projectiles from rotating blade	<ul style="list-style-type: none"> <li>- Plug in/Un-Tag out the saw</li> <li>- Never leave band saw operating while unattended</li> <li>- Keep hands away from blade at least three inches while operating</li> <li>- Never reach across the blade</li> </ul>

		<p>Stock kickback</p> <p>Eye injury</p> <p>Cuts/Punctures</p> <p>Amputation</p> <p>Disfigurement</p>	<ul style="list-style-type: none"> <li>- Do not stand in line with the cut-off piece of material you are pushing through the table to prevent possible kickback and hitting operator</li> <li>- Always hold stock firmly against the table</li> <li>- Ensure all parts/sides of the stock touch the table before pushing through</li> <li>- Never use fingers to move loose pieces of material off the table; use a push stick instead</li> <li>- If a piece of wood gets stuck between the throat plate and the blade, stop/turn off the machine completely prior to reaching in and withdrawing the pieces</li> <li>- When cutting thinner pieces, use a push stick/block to push the material through</li> <li>- Never back out of a curved cut; if blade is pinched, bring saw to a complete stop and then back out of the cut</li> <li>- When cutting tight curves/angles, consider relief cuts instead of one long cut that may stress the blade and break</li> <li>- If blade breaks, turn off machine and step back to prevent injury</li> <li>- Feed stock at a rate appropriate for the cut. Cut only as fast as the blade can properly remove material.</li> <li>- If you need to stop cutting, hold the material firmly and shut down the saw. Wait for the blade to stop moving before removing the piece.</li> </ul>
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I have received, read, and understood the contents of this JSA. I have also acquired the aforementioned required training.

Name:	
Department:	
Job Title:	
Employee ID:	
Date:	
Signature:	

For more information about this JSA, contact the *Office of Environmental Health and Safety* at LAUSD, 333 South Beaudry Avenue, 21<sup>st</sup> Floor, Los Angeles, CA 90017, (213) 241 – 3199 or <http://achieve.lausd.net/oehs>