

JOB HAZARD ANALYSIS

Safety Information for Southern Illinois University Edwardsville

FACILITIES MANAGEMENT

OPERATING A VERTICAL METAL CUTTING BAND SAW

TASK	HAZARDS	CONTROLS
1. Inspect the and clean the unit, guides and fences.	Eye and hand injury from metal fragments.	De-energize unit, wear eye protection and work gloves, use portable vacuum for cleaning, do not use compressed air.
2. Inspect and adjust blade.	Hand injury from the blade.	De-energize unit, wear gloves and avoid contact with blade teeth.
3. Set item to be cut and adjust fence.	Oversized and awkwardly shaped items pinching fingers.	Wear work gloves and handle items with care.
4. Operate band saw.	Injury caused by metal projectiles from rotating blade.	Verify that there is no debris around blade and stand to side as blade comes to full speed. Wear goggles or face shield when working with metal and work gloves.
		Apply even steady pressure, during cut, do not force the cut.
	Injury caused by stock shifting during cutting and damage to blade..	Use properly adjusted fences to control stock. Use assistance to support oversized items.
	Injury caused by hand contact with blade.	Keep hand supporting item being cut away from point of blade contact.
	Electrical shock.	Inspect power cord before use, repair or replace damaged cords.
	Hearing loss.	Wear NIOSH/OSHA approved ear muffs or ear plugs.

	Required Training:	Require Personal Protective Equipment (PPE)
	Operation of band saw (supervisor responsibility). Operators manual.	<ol style="list-style-type: none"> 1) Goggles or face shield when cutting metal. 2) Work gloves. 3) NIOSH/OSHA approved ear muffs or ear plugs.
<p>Other Information:</p> <p>Contributors:</p> <p>Created:</p> <p>JHA Library Number:</p>	<p>Manufacturers manual</p> <p>SIUE Job Hazard Analysis Committee</p> <p>September 2016</p> <p>(EM&S will insert number here, if applicable)</p> <p>For more information about this JHA, contact Emergency Management and Safety, Campus Box 1657, (618) 650-3584 • www.siu.edu/emergencymanagement</p>	