

# JOB HAZARD ANALYSIS

Safety Information for Southern Illinois University Edwardsville

## FACILITIES MANAGEMENT

### OPERATING A 10" TABLE SAW

TASK	HAZARDS	CONTROLS
1. Inspect and clean the unit, guides and fences.	Eye and hand injury from blade, metal, plastic or wood fragments.	De-energize unit prior to inspecting or cleaning. Wear eye protection and work gloves, do not use compressed air.
2. Inspect and install correct blade for material to be cut.	Hand injury from the blade.	De-energize unit before changing blade. Wear gloves and avoid contact with blade teeth. Suggested blade height approximately 1/4" above stock.
3. Set item to be cut and adjust fence.	Oversized and awkwardly shaped items pinching fingers and damaging blade.	Wear work gloves and handle items with care.
4. Operate table saw.	Injury caused by projectiles from rotating blade.	Ensure that vacuum exhaust system is operating. 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 or plastic, and goggles, face shield or safety glasses when working with wood. Wear work gloves.
	Injury caused by stock shifting during cutting, damage to blade, and kickback.	Use properly adjusted fences to control stock. Use assistance to support oversized items.
	Injury caused by hand contact with rotating blade.	Use a push stick to keep hands well away from rotating blade.
	Electric 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 Table Saw (supervisor responsibility). Operation manual.	<ol style="list-style-type: none"> <li>1) Goggles or face shield when working with metal or plastic, and goggles, face shield or safety glasses when working with wood.</li> <li>2) Work gloves</li> <li>3) NIOSH/OSHA approved ear muffs or ear plugs.</li> <li>4) Work boots meeting the requirements of the Facilities Management Safety Shoe Program.</li> </ol>
<p><b>Other Information:</b></p> <p><b>Contributors:</b></p> <p><b>Created:</b></p> <p><b>JHA Library Number:</b></p>	<p>Manufacturers manual</p> <p>SIUE Job Hazard Analysis Committee</p> <p>September 2016</p> <p>(EM&amp;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 • <a href="http://www.siu.edu/emergencymanagement">www.siu.edu/emergencymanagement</a></p>	