

# JOB HAZARD ANALYSIS

Safety Information for Southern Illinois University Edwardsville

## FACILITIES MANAGEMENT

### OPERATING AN 18" WOOD PLANER

TASK	HAZARDS	CONTROLS
1. Inspect and clean the unit, guides and fences.	Eye and hand injury from wood fragments.	De-energize unit prior to inspecting or cleaning. Wear eye protection and work gloves, do not use compressed air. Use portable vacuum and vacuum system for cleaning.
2. Inspect and install correct blade for material to be cut.	Hand injury from the blade.	De-energize unit before changing or adjusting blade. Wear gloves and avoid contact with blade.
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 planer.	Injury caused by wood fragments 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, 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.	Keep hands well away from planer opening.
	Hearing loss	Wear NIOSH/OSHA approved ear muffs or ear plugs.

	<b>Required Training:</b>	<b>Require Personal Protective Equipment (PPE)</b>
<p><b>Other Information:</b>  <b>Contributors:</b>  <b>Created:</b>    <b>JHA Library Number:</b></p>	<p>Operation of Planer (supervisor responsibility). Operation manual.</p> <p>Manufacturers manual  SIUE Job Hazard Analysis Committee  September 2016</p> <p>(EM&amp;S will insert number here, if applicable)</p>	<ol style="list-style-type: none"> <li>1) 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>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>