

JOB HAZARD ANALYSIS

Safety Information for Southern Illinois University Edwardsville

FACILITIES MANAGEMENT

OPERATING A STATIONARY 10" VERTICAL DISC SANDER 21" HORIZONTAL BELT SANDER

TASK	HAZARDS	CONTROLS
1. Clean unit and inspect disc and belt. Install correct grit for stock	Eye and hand injury from metal, plastic, or wood fragments.	De-energize unit, wear eye protection and work gloves. Use portable vacuum for cleaning, do not use compressed air.
	Cracked, damaged or worn disc or belt create projectile hazards.	Inspect abrasive components for condition and excessive wear.
2. Turn on sander.	Abrasive fragments striking operator.	Ensure that vacuum exhaust system is operating. Stand off to side of sander and allow it to come 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. Disc rotates counter clockwise, use left hand side for work.
3. Sand object.	Abrasions and burns to hands and fingers.	Wear work gloves and keep hands away from abrasives.
	Flying debris striking operator.	Wear goggles or face shield when working with metal or plastic, safety glasses goggles or face shield when working with wood.
	Pinch to fingers and hand.	Wear work gloves and keep hands and fingers away from pinch points.
	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)
<p>Other Information: Contributors: Created: JHA Library Number:</p>	<p>Operation of sander (supervisor responsibility).</p> <p>Manufacturers manual SIUE Job Hazard Analysis Committee September 2016</p> <p>(EM&S will insert number here, if applicable)</p>	<ol style="list-style-type: none"> 1) Wear goggles or face shield when working with metal or plastic, and goggles, face shield or safety glasses when working with wood. 2) Work gloves. 3) NIOSH/OSHA approved ear muffs or ear plugs. 4) Safety boots meeting the requirements of the Facilities management Safety Shoe Program. <p>For more information about this JHA, contact Emergency Management and Safety, Campus Box 1657, (618) 650-3584 • www.siu.edu/emergencymanagement</p>