

JOB HAZARD ANALYSIS

Safety Information for Southern Illinois University Edwardsville

FACILITIES MANAGEMENT

OPERATING A WOOD CHIPPER

TASK	HAZARDS	CONTROLS
1. Inspect wood chipper.	Unit malfunction.	Ensure that all controls are working properly, and that warning labels are intact.
2. Secure chipper to towing vehicle.	Pinching fingers, hands, legs, and feet.	Avoid pinch points when connecting chipper hitch, safety chain, and brake lights to towing vehicle.
3. Prepare work area.	Traffic Hazards, injuries to bystanders and co-workers.	Set out warning signs or traffic cones. Leave room on curbside of chipper for workers to maneuver. Clear feeder table of all objects, position discharge chute to direct chips in desired direction.
4. Operate chipper.	Flying debris entering eyes or injuring head.	Wear safety glasses or face shield and hard hat; do not feed foreign material such as stones, nails, or sweepings into chipper.
	Cutting injuries to hands, body parts.	Do not wear loose fitting clothing or gauntlet-type gloves. Do not place hands, arms, feet, legs, or any body part past the front plane of the feeder table when the chipper is in operation. Feed chipper from the curb side of the center line and immediately pivot away from the feeder table when material is being pulled into the chipper. Use large limbs to push small pieces through blades. If chute becomes clogged or chipper requires maintenance, fueling, or lubrication, turn off engine and remove key before performing these operations. Do not operate chipper when panels or chute are removed.
	Hearing loss.	Wear earmuffs or earplugs.

		Muscle strain, fatigue, dehydration	Utilize proper body position, stretch, take frequent breaks to maintain alertness, stay hydrated.
	Required Training:	Require Personal Protective Equipment (PPE)	
	<p>Operation of wood chipper (supervisor responsibility).</p> <p>Review manual and manufacturer's safety video.</p> <p>First aid.</p>	<ol style="list-style-type: none"> 1) Hard hat 2) Earplugs 3) Safety Glasses 4) Face Shield 5) No loose fitting clothing and no gauntlet type gloves 6) Work boots meeting the requirements of the Facilities Management Safety Shoe Program 	
<p>Other Information:</p> <p>Contributors:</p> <p>Created:</p> <p>JHA Library Number:</p>	<p>Manufacturer's manual and safety video</p> <p>SIUE Job Hazard Analysis Committee</p> <p>November 2015</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>		