



## JOB SAFETY ANALYSIS

COMPANY/ PROJECT NAME or ID/ LOCATION ( City, State)		DATE April 19, 2015	<input checked="" type="checkbox"/> NEW <input type="checkbox"/> REVISED	PAGE 1 of 2
WORK ACTIVITY (Description): <h1 style="text-align: center; margin: 0;">OPERATING A WOOD CHIPPER</h1>				
DEVELOPMENT TEAM	POSITION / TITLE	REVIEWED BY:	POSITION / TITLE	
Dave Ruzich	Safety Coordinator			
<b>MINIMUM REQUIRED PERSONAL PROTECTIVE EQUIPMENT ( SEE CRITICAL ACTIONS FOR TASK-SPECIFIC REQUIREMENTS)</b>				
<input type="checkbox"/> REFLECTIVE VEST <input checked="" type="checkbox"/> HARD HAT <input type="checkbox"/> LIFELINE / HARNESS <input checked="" type="checkbox"/> SAFETY GLASSES	<input type="checkbox"/> GOGGLES <input checked="" type="checkbox"/> FACE SHIELD <input checked="" type="checkbox"/> HEARING PROTECTION <input checked="" type="checkbox"/> SAFETY SHOES	<input type="checkbox"/> AIR PURIFYING RESPIRATOR <input type="checkbox"/> SUPPLIED RESPIRATOR <input checked="" type="checkbox"/> PPE CLOTHING	<input checked="" type="checkbox"/> GLOVES Cut-resistant <input type="checkbox"/> OTHER	
<b><sup>1</sup>JOB STEPS</b>	<b><sup>2</sup>POTENTIAL HAZARDS</b>	<b><sup>3</sup>CRITICAL ACTIONS TO MITIGATE HAZARDS</b>		
1. Secure chipper to towing vehicle.	1a. Pinching fingers, hands, legs, and feet	1a1. Avoid pinch points when connecting chipper hitch, safety chain, and brake lights to towing vehicle.		
2. Prepare work area.	2a. Traffic hazards, injuries to bystanders and co-workers.	2a1. Set out warning signs or traffic cones. 2a2. Leave room on curbside of chipper for workers to maneuver. 2a3. Clear feeder table of all objects, position discharge chute to direct chips in desired direction.		
3. Operate chipper.	3a. Flying debris entering eyes or injuring head 3b. Cutting injuries to hands, body parts  3c. Hearing loss	3a1. Wear safety glasses or face shield and hard hat; do not feed foreign material such as stones, nails, or sweepings into chipper. 3b1. Do not wear loose-fitting clothing or gauntlet-type gloves. 3b2. Do not place hands, arms, feet, legs, or any body parts past the front plane of the feeder table when the chipper is in operation. 3b3. 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. 3c1. Wear ear plugs or ear muffs		

<sup>1</sup> Each Job or Operation consists of a set of steps. Be sure to list all the steps in the sequence that they are performed. Specify the equipment or other details to set the basis for the associated hazards in Column 2

<sup>2</sup> A hazard is a potential danger. What can go wrong? How can someone get hurt? Consider, but do not limit, the analysis to: **Contact** - victim is struck by or strikes an object; **Caught** - victim is caught on, caught in or caught between objects; **Fall** - victim falls to ground or lower level (includes slips and trips); **Exertion** - excessive strain or stress / ergonomics / lifting techniques; **Exposure** - inhalation/skin hazards. Specify the hazards and do not limit the description to a single word such as "Caught"

<sup>3</sup> Aligning with the first two columns, describe what actions or procedures are necessary to eliminate or minimize the hazards. Be clear, concise and specific. Use objective, observable and quantified terms. Avoid subjective general statements such as, "be careful" or "use as appropriate".