



## JOB SAFETY ANALYSIS

COMPANY/ PROJECT NAME or ID/ LOCATION ( City, State)	DATE 8/20/14	<input checked="" type="checkbox"/> NEW <input type="checkbox"/> REVISED	PAGE 1 of 2
WORK ACTIVITY (Description): <h3 style="text-align: center;">Clearing Trees/Brush with Chainsaw</h3>			
<b>DEVELOPMENT TEAM</b>	<b>POSITION / TITLE</b>	<b>REVIEWED BY:</b>	<b>POSITION / TITLE</b>
Dave Ruzich	Safety Coordinator		
Wayne Popelka	Safety Coordinator		
<b>MINIMUM REQUIRED PERSONAL PROTECTIVE EQUIPMENT ( SEE CRITICAL ACTIONS FOR TASK-SPECIFIC REQUIREMENTS)</b>			
<input checked="" 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 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 checked="" type="checkbox"/> OTHER Chaps
<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. Inspect all equipment being used.	Slips, trips and falls  Exposure to chemicals (gasoline, oil)  Spills  Loose/worn parts	Identify/mark slip, trip and fall hazards.  Wear appropriate PPE (chaps, cut-resistant gloves, steel-toed boots, helmet, safety vest, safety glasses & coveralls)  Make sure equipment is not leaking. Fuel equipment at secure location with underlying pavement.  Ensure that connections are tight. Replace defective or worn parts. Locate all kill switches	
2. Inspect trees or brush to be cut	Saw lockup  Falling limbs	Identify knots or weak spots in wood that may present problems for cutting, avoid cutting at knots  look for weak spots in brush or tree that may break loose during cutting	
3. Cut large trees with chain saw.	Cuts or lacerations  Kickback  Hot surfaces  Hit by falling tree  Flying debris  Noise	Wear chaps, proper PPE (Leather chaps, face shield, hearing protection, leather gloves, steel-toed boots, helmet, safety vest, safety glasses & coveralls) prior to engaging chainsaw.  Let saw cut gradually. Avoid cutting with tip of saw. No personnel in work area.  Cut resistant gloves. Use "caution: hot surface labels"  Know where your cut will take tree, use spotter and tie-back lines if necessary.  Ensure no one is in the fall zone. Wear face shield, safety glasses, coveralls, leather gloves, and steel-toed boots.  Wear proper hearing protection.	
4. Clean up felled trees.	Slips, trips and falls  Pinch points  Lifting	Inspect work area, move material that may cause trips prior to performing work.  Watch for limbs that may be binding or cause pinch points, wear leather gloves, steel-toed boots.  Use proper lifting techniques/buddy system.	
5. Park	Slips, trips and falls	Inspect work/staging area.	



### JOB SAFETY ANALYSIS

machine/secure tools.	Security	Lock equipment. Lock away tools.
6.		
7.		
8.		

<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".