

ACTIVITY HAZARDS ANALYSIS

Print Form

Overall Risk Assessment Code (RAC)
(Use highest code)

M

Date: Project:

Activity: Chainsaw Use

Activity Location:

Prepared By:

Risk Assessment Code Matrix

E = Extremely High Risk
H = High Risk
M = Moderate Risk
L = Low Risk

E = Extremely High Risk H = High Risk M = Moderate Risk L = Low Risk		Probability				
		Frequent	Likely	Occasional	Seldom	Unlikely
Severity	Catastrophic	E	E	H	H	M
	Critical	E	H	H	M	L
	Marginal	H	M	M	L	L
	Negligible	M	L	L	L	L

Add Identified Hazards

	JOB STEPS	HAZARDS	ACTIONS TO ELIMINATE OR MINIMIZE HAZARDS	RAC
X	Chain Saw Operator	Accidents due to unskilled or unqualified operator	Only experienced or skilled personnel will operate motorized or dangerous equipment. Always wear proper safety gear. Do not wear loose fitting clothing. There must be at least two person in the vicinity. Equipment should be in good working condition. Use caution while inspecting equipment. Refer to owners manual for specific information on equipment. Be sure you know how to properly use equipment. Be sure that all safety devices are in place. Do not move chain with bare hands. Chain should be sharp with proper tension. Do not refuel saw when it is hot. Clean up all spills.	L
X	Inspection Of Chain Saw	Cuts, scraps, abrasion, exposure to hazardous chemicals, and accidents caused by broken, dull, or unsafe equipment.	Be sure to wear all appropriate PPE. Place saw on firm solid surface. Be sure bar and chain are clear of all objects. Be sure area is clear of other personnel.	L
X	Starting Chain Saw	Cuts, scraps, abrasion, and exposure to hazardous chemicals.	Always carry with both hands. Always carry saw with blade pointing behind you. Only carry to the front when walking downhill. Always keep exhaust pointed away from body. Carry saw away from the body. Only carry saw running (idle speed) for short distances. Shut off saw when carrying over slippery surfaces, heavy brush and when adjacent to other personnel.	L
X	Carrying Chain Saw	Falling onto saw, scraping yourself with the saw	Always wear PPE. Use saw only outdoors. Grip saw firmly with both hands. Keep handle dry and clean. Never refuel saw when it is hot. Always have second person watch for hazards and respond. All personnel should stay clear of operator during cutting operations. Be prepared/aware for kickback. Refer to "Tree Cutting" AHA. When finished with job clean up area completely.	M
X	Operating the Chain Saw	Personal Injury to Operator and/or other personnel assisting. Damage to equipment, power lines, vehicles, or buildings. Kickback. Hearing Loss. Saw dust/chips in eyes.	Use "Men Working" signs. Hold "Stop/Slow" signs and/or orange flags. Maintain radio communication.	L
X	Traffic Control	Tree limbs falling on passing vehicles. Tree and limbs across/in the road.		

ACTIVITY HAZARDS ANALYSIS

	JOB STEPS	HAZARDS	ACTIONS TO ELIMINATE OR MINIMIZE HAZARDS	RAC
X	Storage of Chain Saw	Cuts, scraps, abrasion, exposure to hazardous chemicals, and accidents caused by broken, dull, or unsafe equipment during next use.	Check for needed repairs and if needed, repair before next use. Clean, sharpen, oil, and/or grease equipment if needed. Store chain saw properly.	L

Add Items

	EQUIPMENT	TRAINING	INSPECTION
X	Eye Protection	Chain Saw Safety and Operation Training	Look over safety equipment to ensure it is in safe working condition
X	Ear plugs or muffs	Standard Chain Saw Maintenance Training	
X	Helmet with face shield		
X	Chain saw chaps		
X	Safety Toe Boots		

Involved Personnel:

Acceptance Authority (digital signature):