

Risk Assessment Worksheet		1. Project/Incident/Work Activity: Crosscut Saw Operations				2. Location: Clear Creek Ranger District, ARNF					
3. Specific Objective: Safety during all Crosscut Saw Operations		4. Name and Title of Preparer: Ralph Bradt				5. Date Prepared: Wednesday, February 1, 2023					
6. Risk Decision Authority: The risk decision authority block should be signed after the worksheet is completed. Use the Risk Decision Authority matrix to determine the authorization required to sign in block 6.											
Signature:				Title: District Ranger				Date: 4/7/2023			
Identify Hazards		Assess Hazards			Risk Control Options		Residual Risk		Decision	Implement	
7. Task	8. Hazard	9. Hazard Probability	10. Severity / Consequence	11. RAC	12. Identify hazard mitigations & abatement measures (press [alt + enter] to add a line)		13. Hazard Probability	14. Severity / Consequence	15. RAC	16. Task Necessary?	17. Hazard Control Assigned to:
Transporting Crosscut saws	Personal injury or property damage	Possible	Moderate	Moderate	<ul style="list-style-type: none"> 1. Keep sheath on saw when transporting. Sheath must provide adequate protection for all saw teeth. 2. Do not carry crosscut saws in a vehicle's passenger compartment. Saws carried in the cargo area should be secured from movement. 3. Saw may be carried balanced on your downhill shoulder with the teeth protected and facing away from the neck, and the rear handle removed. Particularly in high traffic areas, it is preferred that the saw be carried low on the downhill side, with teeth well protected and handles removed. 4. Do not carry the saw bent over a pack or livestock. 5. Walk last in line if carrying the saw. In a situation where the public may approach unannounced from behind, one member of the crew should take a position behind the saw, maintaining a safe distance. 		Unlikely	Moderate	Low	YES	Qualified Sawyer
Equipment selection	Personal injury or equipment damage due to incorrect equipment	Possible	Moderate	Moderate	<ul style="list-style-type: none"> Select proper saw and saw equipment for job and inspect prior to use: <ul style="list-style-type: none"> -Saw should be properly sharpened and tuned. Saw should be longer than twice the diameter of the tree to be cut. -Saw handles. Appropriate to selected saw and free of splinters or damage. - Saw sheath. - Appropriate wedges. No wooden or metal wedges, except metal tie wedges which may be used to prevent rotation at the kerf. - Axe. Single bit for use in limbing, sounding and driving wedges. - Saw lubricant to prevent binding. Preferrably environmentally friendly (citrus based, canola, etc) 		Rare	Moderate	Low		Qualified Sawyer
Crosscut Saw Operations - General	Personal or public injury	Possible	Critical	High	<ul style="list-style-type: none"> Employees must have appropriate training or certification as needed for the specific job undertaken and for any special equipment being used. Employees must know and use all PPE appropriate for the specific job undertaken. For crosscut saw operations, this includes well-fitting boots providing good ankle support and foot protection and with durable lug soles, hard hat, gloves, long sleeve shirt, long pants, and eye protection. FSH 6709.11 - 22.48h Crosscut Saw Operations <ul style="list-style-type: none"> -Forest Service-approved hardhat -Gloves, eye protection -Heavy-duty, cut-resistant or leather, waterproof or water-repellent, 8-inch high laced boots with nonskid soles Do proper situational awareness and size up prior to any crosscut saw operations. Maintain situational awareness throughout cutting operations. Wear leather gloves when handling saw and keep teeth facing away from body unless handing the saw to another employee. Establish and clear primary and secondary escape routes, safety zones and alternates. Clear cutting area of any potentially interfering vegetation. Decide who will remove saw when felling and bucking before you begin. Never saw alone unless in an emergency situation. Post lookouts if available or maintain heightened vigilance for approaching visitors. 		Unlikely	Moderate	Low	YES	Qualified Sawyer and all crew members present
Crosscut Saw Operations - Bucking	Personal or public injury	Possible	Moderate	Moderate	<ul style="list-style-type: none"> Limb out subject tree sufficiently to allow an adequate assessment and for personal safety. Prior to cutting, thoroughly assess binds and potential reaction of the subject tree on completion of the cut. When using a two person crosscut for bucking, insure the sawyer on the downhill side is in a safe position. If not, always single buck from the uphill side. 		Unlikely	Moderate	Low		

Crosscut Saw Operations - Felling	Personal, public, or property injury	Possible	Critical	High	<i>Prior to and during cutting:</i> - Thoroughly assess the subject tree for soundness, lean, defects and other hazards. - Thoroughly assess the cutting area for terrain, obstacles, weather, visitors, property, and other hazards. - Ensure that crew members not sawing and all visitors remain 2 1/2 tree lengths away during felling operation	Unlikely	Critical	Moderate		
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