



UNC
ENVIRONMENT,
HEALTH & SAFETY

Job Safety Analysis

Safety Information for The University of North Carolina at Chapel Hill

JOB SAFETY ANALYSIS TOPIC:

Use of a Handsaw for tree removal
Grounds Crew



Title	Work Task	Hazards	Controls
Preplan the work	Gather proper tools Gather Proper PPE for the job and inspect it (safety glasses, gloves, protective clothing and shoes). Plan path of travel (know where the debris will be stored and piled while tree is being cut).	Improper tools Improper PPE inspection/selection	Using improper tools or parts can lead to lead to injury Improper PPE use and inspection can lead to unnecessary hazards created by wrong PPE or faulty PPE. Do not block roads or walkways with cut branches.
Before the job	Don necessary PPE Make sure handsaw blades are sharp not dull	Improper Donning Skin or Eye Contact with debris Lacerations Hand Injury	Ensure all PPE is on correctly and passed inspection DO NOT use a handsaw with rusty blades. That could cause the handsaw to break. DO NOT use and TAG OUT handsaw if any teeth are damaged or rusty. OR if the easy grip handle is damaged.

<p>Using the hand saw</p>	<p>Be sure to only use the easy grip handle when handling the handsaw.</p> <p>Start cutting at the top of tree and with the biggest branches first to prevent falling branches on top of employee.</p> <p>When cutting with handsaw, use short and steady strokes. (Toward the last inch of the branch use lighter strokes to prevent branch from snapping or breaking.)</p>	<p>Laceration</p> <p>Strains</p> <p>Tripping/Falling</p>	<p>Never apply pressure on the blade with your hand.</p> <p>Never cut with the handsaw facing toward your body.</p> <p>If a ladder is required to reach higher parts of the tree, make sure someone is supporting the ladder.</p> <p>When handling large tree cut downs and branches, be sure to seek assistance from a coworker.</p>
<p>Storage and Clean up</p>	<p>Properly clean up and dispose all branch piles and tree debris.</p> <p>Make sure the handsaw is clean and properly stored.</p>	<p>Improper Storage of Equipment/PPE</p>	<p>When working in highly traveled locations such as a road or walkway, do not block the area with the branches.</p> <p>Store the handsaw in the equipment cabinet or hang handsaw up in designated area.</p>
<p>Training</p>	<p>Employees must have hands-on training in the proper use of this tool.</p>	<p>Supervisor is to fill out the Supervisor Led Training Form and turn in the form to UNC-CH Environment, Health and Safety for documentation of proper training</p>	
<p>Created By</p>	<p>Neah Tucker, Workplace Safety Officer Grounds Supervisor</p>		

Contact Info

For more information about this JSA and other JSAs, contact:

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