



UNC
ENVIRONMENT,
HEALTH & SAFETY

Job Safety Analysis

Safety Information for The University of North Carolina at Chapel Hill

JOB SAFETY ANALYSIS TOPIC:

Augering Holes with Stihl BT 130



Title	Work Task	Hazards	Controls
Preplan the work	Gather proper tools (Auger) Gather Proper PPE for the job and inspect it (Hearing Protection, Long Pants, Safety Shoes, Heavy Duty Work Gloves)	Improper tools Improper PPE inspection/selection	Gathering and use of proper tools for job Proper PPE use and inspection
Before the job	Don necessary PPE Contact 811 and local utilities to ensure no utilities run where the hole will be dug Check the site for any potential pedestrian hazards	Improper Donning No contact with 811/utility companies Pedestrians near work area Improper attachments	Ensure all PPE is on correctly and passed inspection Contact with 811 and OWASA for specific area Mark off area to mitigate pedestrian access

	Inspect the auger for any issues and make sure proper attachments are being used		Equipment inspection on site
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Title	Work Task	Hazards	Controls
Using the Auger	Crank the auger using manufacturer instructions Pick up auger by handles and place over marked area for digging Run equipment to necessary depth and remove Shut down equipment when all work is complete or refueling is required	Hand Hazards Foot Hazards Full Body Hazards Fire Hazards Striking materials underground	Ensure proper PPE use and wear Follow manufacturers instruction for operation
Clean Up	Clean the site to ensure area stays clean (bring out PPE and tools) Clean and store PPE properly	Improper Storage of PPE and Tools	Keep auger stored in a location away from public access Keep PPE stored in a cool, dry, and central location
Training	Employees must have hands on training in the proper use of this piece of equipment.	Supervisor is to fill out the turn in the form to UNC-CH 'Supervisor Led Training Form' and Environment, Health and Safety for documentation of proper training	

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Referenced Material	Stihl BT 130 Operations Manual	
Contact Info	<p>For more information about this JSA and other JSAs, contact: <i>UNC-CH Department of Environment, Health and Safety</i> 1120 Estes Drive Extension, Chapel Hill NC 27599 CB# 1650 (919) 962-5507 ☒ https://ehs.unc.edu/</p>	