



UNC
ENVIRONMENT,
HEALTH & SAFETY

Job Safety Analysis

Safety Information for The University of North Carolina at Chapel Hill

JOB SAFETY ANALYSIS TOPIC:

Unclogging Pipes



Title	Work Task	Hazards	Controls
Preplan the work	Gather proper tools (auger) Gather Proper PPE for the job and inspect it (safety glasses, gloves, Tyvek suit in certain situations ie blackwater) Don necessary PPE	Improper tools Improper PPE inspection/selection Improper Donning	Using improper tools or parts can lead to ergonomic issues that can lead to injury Improper PPE use and inspection can lead to unnecessary hazards created by wrong PPE or faulty PPE Improperly donning or not donning PPE can lead to an unnecessary exposure. Ensure all PPE is on correctly and passed inspection
Auguring Pipe	Ensure tool is proper for the job and in safe working order Use auguring tool to unclog pipe	Improper or broken tool Splash back hazard Pinch/Cut Hazard	Improper tools should be avoided during preplanning and a broken tool should be taken out of service in order to protect employees from potential hazards associated with the tool Necessary PPE such as a Tyvek suit when working in blackwater situations

			will mitigate/prevent the employee from coming in contact with the materials causing the clog Gloves will help prevent or mitigate any hazards associated with the materials in the pipe or the sharp portions of the auguring tool
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Clean Up	Gather any waste/trash materials from work area Clean tools	Trip hazard Unnecessary exposure hazard Dirty tools leading to damage of equipment	Cleaning up after the job is done will prevent future trip hazards, unnecessary exposures (blackwater etc), and leaving tools dirty can lead to damaged equipment and exposure (blackwater)
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Post Job	Properly store tools and PPE	Improper storage of tools/PPE	Have a place where tools and PPE belong that keeps them from unnecessary weathering or an area where unqualified persons could damage equipment
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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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Created By	Cory Kirkland, Facilities Safety Officer Doug Horner, Plumbing Shop Supervisor		
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Referenced Material	Employee SOPs and Tool Manufacturer Operations and Safety Manuals		
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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 ☒ http://ehs.unc.edu</p>	 UNC ENVIRONMENT, HEALTH & SAFETY