



UNC
ENVIRONMENT,
HEALTH & SAFETY

Job Safety Analysis

Safety Information for The University of North Carolina at Chapel Hill

JOB SAFETY ANALYSIS TOPIC:

Compactor Troubleshooting



Title	Work Task	Hazards	Controls
Preplan the work	Gather necessary equipment for the potential Lockout/Tagout Gather confined space entry form Obtain key to run compactor Gather and inspect potential PPE	Unauthorized access to the key Improper PPE inspection	Keep key in central location and ensure only employees with proper training have access to the key Visually inspect all PPE to ensure it is up to required standards
Checklist of potential issues	Ensure the doors are closed (safety switches make contact) Make sure stop switch is in the outward position Make sure safety switch power cord is plugged in and not damaged Make sure hydraulic hoses are plugged in and not leaking	Hand/Body Hazards Hydraulic Fluid Leaks	When checking for jammed hopper do not stick any part of your body into the machine. Visually inspect the blade underneath to check for movement Check for storm drain location during hydraulic line issues to prevent the fluid from entering the stormwater system Refer to the compactor instruction and safety binder for more detailed instructions

	<p>Make sure main power cut off is in the ON position and breakers are not tripped</p> <p>Make sure hopper isn't jammed</p>		
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Title	Work Task	Hazards	Controls
Mitigating Issues (Jammed Hopper)	<p>Remove any material one may be able to grab without entering the hopper</p> <p>Attempt to run again with less material</p> <p>Use designated tool to push down material then run once tool is clear of blades</p>	Caught in hazards	When removing or pressing down material; ensure motor is off
Mitigating Issues (LOTO required)	<p>Lockout/Tagout equipment</p> <p>Fill out required confined space form</p> <p>Follow electrical safety and spill protection procedures</p>	<p>Electrical Hazards</p> <p>Spill Hazards</p> <p>Caught in Hazards</p>	<p>Verify power is off to the machine after LOTO is performed</p> <p>Have proper collection and containment for any hydraulic fluid</p>
Clean Up	<p>Clean the site to ensure area stays clean (bring out PPE and tools)</p> <p>Clean and store PPE properly</p>	Improper Storage	Make sure PPE is stored in a cool, dry, and central location so it is easy to find

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	
Created By	Cory Kirkland, Facilities Safety Officer		
Referenced Material	Compactor Instruction and Safety Guidebook		
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>		