



UNC
ENVIRONMENT,
HEALTH & SAFETY

Job Safety Analysis

Safety Information for The University of North Carolina at Chapel Hill

JOB SAFETY ANALYSIS TOPIC:

Genie Superlift Advantage



Title	Work Task	Hazards	Controls
Preplan the work	<p>Gather proper tools and inspect (lift)</p> <p>Gather Proper PPE for the job and inspect it (Gloves depending on materials, hard hat depending on height of lift)</p>	<p>Improper lift inspection</p> <p>Improper PPE inspection/selection</p>	<p>Follow inspection checklist given by Genie</p> <p>Improper PPE use and inspection can lead to unnecessary hazards created by wrong PPE or faulty PPE</p> <p>Do not modify the lift without manufacturer approval</p>
Before the job	<p>Don necessary PPE (Depends on material and height lift will travel)</p> <p>Do not alter or add parts without manufacturers permission</p>	<p>Improper Donning</p>	<p>Improperly donning or not donning PPE can lead to an unnecessary exposure. Ensure all PPE is on correctly and passed inspection</p>

Title	Work Task	Hazards	Controls
Using the Lift	<p>Ensure weight of material being moved is below max weight listed on the sticker on the mast/in the manual</p> <p>Place material on forks and secure the load</p> <p>Raise the load to the lowest possible moving height using the winch handles. Do a quarter turn up to lock in with the brake</p> <p>When moving the load ensure the areas ahead are clear of obstructions and level</p> <p>Lower the load once the desired location has been reached</p>	<p>Electrical Hazards</p> <p>Tipping Hazards</p> <p>Overhead Material Hazards</p> <p>Fall Hazards</p> <p>Ergonomic Hazards</p> <p>Hand hazards</p> <p>Crushing Hazards</p>	<p>Ensure the area where the material is being lifted is flat, will not contact overhead material (duct work, pipe, etc), avoid lifting around electrical lines, and avoid lifting in high winds</p> <p>Do not stand on the lift, climb the mast, or use the lift for personnel</p> <p>Use proper lifting techniques when loading the lift</p> <p>Do not hold the cable when in use</p> <p>Do not stand under the lift when it is raised</p> <p>Travel with the load as low as possible</p> <p>Wear Proper PPE</p> <p>Do not modify the lift without manufacturer approval</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 of PPE	Have a cool, dry, and central location to store PPE

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	Genie Superlift Advantage 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 ☎ http://ehs.unc.edu</p>		