



**UNC**  
ENVIRONMENT,  
HEALTH & SAFETY


# Job Safety Analysis



Safety Information for The University of North Carolina at Chapel Hill

## Using Genie GL-12 Lift to Move Cadavers



Title	Work Task	Hazards	Controls
<b>Preplan the Work</b>	1. Obtain personal protective equipment before the job.	1. None	1. Personal Protective Equipment (PPE) consisting of: -Safety glasses with side shields -Sturdy footwear -Gloves
<b>Site Preparation</b>	2. Select a proper test area and inspection worksite.	2a. Injury due to lift moving because of unlevel ground. 2b. Injury due to hitting bumps and obstructions or slips, trips or falls.	2a. Select a test area that is firm, level and free of obstructions. 2b. Be aware of bumps and floor obstructions, slippery surfaces, debris, or overhead obstructions.
<b>Pre-operation Check</b>	3. Perform an equipment preoperational check.	3. Injury due to improper machine operations	3a. Inspect entire machine for dents or damage, corrosion, and cracks in welds or structural components. 3b. Ensure all components are in place and properly tightened. 3c. Inspect and clean battery terminals and cable connections. 3d. Ensure there is a minimum of 4 wraps of cable around the winch drum when the carriage is fully lowered. 3e. Ensure frame channels are properly lubricated and free of debris. Lubricate with a dry silicone spray or silicone wax. 3f. Take machine out of service if damage is discovered and have it repaired by qualified service technician.

<b>Function Tests</b>	4. Perform function tests	4. Injury due to machine malfunction.	4a. Test the brake operation. 4b. Test winch operation. 4c. Remove from service if function tests fails and have serviced by qualified technician.
<b>Don PPE</b>	5. Put on personal protective equipment before performing the job.	5. None	5. Personal Protective Equipment (PPE) consisting of: -Safety glasses with side shields -Sturdy footwear -Gloves
<b>Operation</b>	6.Center portable shelf containing cadaver storage bag on forks 	6. Injury from shelf falling due to off centered forks	6a. Center the load on the forks 6b. Wear recommended footwear
	7. Raise forks using electric winch controls until shelf is secure and move lift back until shelf is away from remaining shelves.	7. Injury from shelf falling due to unsecure shelf or from hitting another shelf	7a. Properly secure shelf 7b. Wear recommended footwear
	8. Move shelf to desired location	8. Injury from shelf falling due to hitting a bump or obstruction.	8a. Make sure the area is level and clear of obstructions. 8b. Travel with the load in the lowest possible position.

			
	<p>9. Raise shelf to same height as gurney</p> 	<p>9. Injury due to lifting cadaver due to improper alignment of shelf and gurney</p>	<p>9. Ensure shelf and gurney are aligned</p>
	<p>10. Slide cadaver bag from shelf on lift to gurney</p>	<p>10a. Injury due to improper sliding technique 10b. Injury due to lift moving while sliding the cadaver</p>	<p>10a. Get assistance with sliding the cadaver. Do not lift. 10b. Lock castors in place.</p>
	<p>11. Use to lift to replace empty shelf and repeat the process until all cadavers have been moved.</p>	<p>11. Injury due to hitting a bump or obstruction</p>	<p>11. Inspect path to replace shelf is free of bumps or obstructions</p>
	<p>12. Completing work</p>	<p>12a. Trip/fall on obstructions 12b. Foot injury from dropping shelf</p>	<p>12a. Ensure worksite is clear of obstructions. 12b. Select proper storage area-level, weather protected and clear of traffic. 12c. Recharge the battery 12d. Wear recommended footwear</p>

<b>Doff PPE</b>	13. Remove personal protective equipment after completing the job.	13. None	13. Personal Protective Equipment (PPE) consisting of: -Safety glasses with side shields -Sturdy footwear -Gloves
<b>Training</b>	-“Hands-On” training on lift operation by competent person. -Personal Protective Equipment	-Inexperienced operators must be supervised by a competent person	
<b>Created</b>	Kim Haley, University IH Date Created: November 29, 2016		
<b>Referenced Material</b>	Environment, Health and Safety Manual; Chapter 5, Personal Protective Equipment Industrial Maintenance and Construction/Support Services Safety Manual		
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