



UNC
ENVIRONMENT,
HEALTH & SAFETY

Job Safety Analysis


Safety Information for The University of North Carolina at Chapel Hill

Facility Services Department- Office of Waste Reduction and Recycling

Pressure-Washing exterior of Campus 95-gallon “Outdoor Carts”



Title	Work Task	Hazards	Controls
<p>Prepare for job</p>	<p>1. Use forklift to transfer high pressure wash machine to work vehicle for transport to Campus site location.</p>	<p>1a. Potential incident or accident consisting of property damage when transferring equipment with forklift.</p>	<p>1a. Only licensed forklift operators can transfer and move supplies with the forklift from the storeroom.</p> <p>1b. Be cognizant of the location of supplies prior to commencing transfer. Remove supplies that could get in the way with the path of travel out of the storeroom.</p> <p>1c. Follow Forklift Safe work practices.</p>
<p>Staging Pressure Washer and “Outdoor Carts” at the Campus Work Site Location</p>	<p>2a. Use Forklift to position pressure washer in place at the worksite.</p> <p>2b. Help lift and position pressure washer machine and Outdoor Carts in place for work.</p> <p>2c. Extend the pressure washer hose to required length and inspecting equipment prior to starting it up.</p> <p>2d. Cranking and starting-up pressure washer motor.</p> <p>Below is an illustration of 95-gallon</p>	<p>2a. Potential incident or accident consisting of property damage when transferring equipment with forklift.</p> <p>2b. Back strain or injury & hand injury when lifting or moving the pressure washer.</p> <p>2c. Slip and trip hazards.</p> <p>2d. Exhaust gasses (e.g. carbon monoxide) generation from gasoline-powered motor.</p>	<p>2a. Follow Forklift Safe work practices.</p> <p>2b. Use safe and proper lifting techniques (e.g. use the buddy system, bend with the knees). Use leather work gloves.</p> <p>2c. Ensure the pressure washer hose is extended and positioned so it does not pose a trip hazard to employees and surrounding personnel.</p> <p>2d. Ensure pressure washer is placed and started in only a well-ventilated area (e.g. only outdoors, <u>not indoors!</u>)</p>

	<p>“Outdoor Cart”:</p> 		
Work Task		Hazards	Controls
Pressure Washing Exterior of the 95 Gallon Outdoor Carts	3. Using high pressure water nozzle to spray dirt and debris off of the exterior of the outdoor carts.	<p>3a. Eye irritation or injury as a result of dirt and debris splashing into the eyes when using the pressure washer.</p> <p>3b. Falling or tripping over the pressure water hose, slick surfaces, and/ or other items at the work location.</p>	<p>3a. Use eye protection (Face shield, splash goggles, or safety glasses) while pressure washing. Never place parts of body near spray!</p> <p>3b. Be cognizant of the location of equipment and the pressure water hose to prevent slips and trips. After work be aware of slick locations from water on the ground.</p>
Training	Employees must have hands on training in the proper use of this equipment before performing work.		
Created	April 2 nd , 2009		
Referenced Material	Industrial Maintenance and Construction/Support Services Safety Manual- Personal Protective Equipment		
Contact Info	<p>For more information about this JSA and other JSAs, contact: <i>Department of Environment, Health and Safety</i> UNC-CH, 1120 Estes Drive Extension, Chapel Hill NC 27599 CB# 1650 (919) 962-5507 http://ehs.unc.edu</p>		