



Job Safety Analysis

Safety Information for The University of North Carolina at Chapel Hill

JOB SAFETY ANALYSIS TOPIC:

Fuel Pump Monthly Inspection

Old Well Service Station

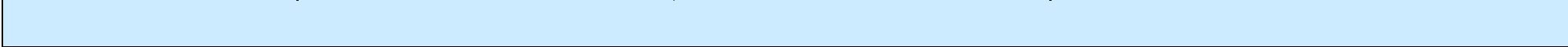


Title	Work Task	Hazards	Controls
Preplan the work	Gather tools needed to open dispensers and manholes (flashlight, keys, screwdriver, man hole lift, orange safety cones) Gather proper PPE for the job (steel toe shoes, gloves if needed)	Improper tools	Improper PPE use and inspection can lead to unnecessary hazards created by wrong PPE or faulty PPE Follow the UST27 -monthly gas pump checklist
Before the job	Don PPE Print tank test results, CSLD Report, and Pressure line test reports. Test the Emergency STOP Button located on the station wall.	Improper Donning Explosive	Improperly donning or not donning PPE can lead to an injury. Be sure to print all the listed reports to make sure there are no leak levels showing on the systems. If the STOP button does not work. Cut the dispensers off for maintenance.
Inspection Process	Use the keys to unlock the dispenser doors. A screwdriver may also be needed to open dispensers.	Fall Hazards Ergonomic Hazards Hand hazards	If water or fuel is found in the bottom of the dispenser use a water pump to remove any liquids then let the area dry before using dispenser.

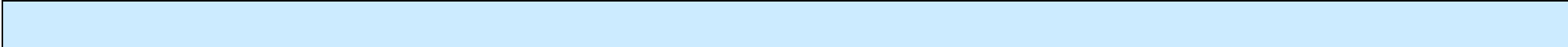
	<p>Use a flashlight to look in the bottom of the dispenser for water or fuel.</p> <p>Check the piping and tubes for leaks or damage.</p> <p>Place orange cones around manholes located near pumps to block traffic and pedestrians while hole is open.</p> <p>Use the manhole lift to remove the manhole cover, then unscrew sump cover lid.</p> <p>Check for water or gas leaks make sure the sump is dry and clean.</p>	<p>Crushing Hazards</p> <p>Fall and Trip Hazards</p> <p>Ergonomic Hazards</p>	<p>Be sure to use proper lifting tool when removing man hole cover to prevent back injuries or strains.</p>
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<p>Completion of inspection</p>	<p>Replace all the dispenser doors and lock them.</p> <p>Replace the sump pump covers and the manhole covers.</p> <p>Remove orange cones blocking the gas dispenser area.</p>	<p>Back Injury</p> <p>Fall and Trip Hazards</p>	<p>Make sure fuel caps and vent are locked.</p>
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<p>Training</p>	<p>Employees must have hands on training in the proper use of this piece of equipment.</p>	<p>Supervisor is to fill out the UNC-CH Supervisor Led Training Form' and turn in to Environment, Health and Safety for documentation of proper training</p>
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