



## PALM BEACH STATE COLLEGE PERSONAL PROTECTIVE EQUIPMENT (PPE) JOB HAZARD ASSESSMENT

<b>Department:</b> Facilities; Business, Industry & Trade	<b>Campus:</b> All
<b>Task:</b> Change Liquefied Petroleum Gas (LPG/Propane) Tank on a Forklift	
<b>Job Title(s) Performing Task:</b> Groundskeeper, Maintenance Mechanic, Maintenance Worker, A.C. Mechanic, A.C. & Energy Management Systems Specialist, Painter, Warehouse Personnel, PSAV Personnel	

*Reviewed by Chris Ward, Grounds & Landscaping Supervisor, July 29, 2015*

Task Step/Sub-Tasks	Hazard(s)	Recommended PPE (Bolded)/Controls
1. No Smoking!	None foreseen	N/A
2. Perform pre-operational check of forklift.	Deficiencies that compromise operation or safety.	If deficiencies are noted, the unit is to be placed out-of-service until they have been corrected.
3. Check condition of valve, seals and hoses.	Extreme cold (from leaking valve or hose)	If condition indicates a problem, the unit is to be placed out-of-service if the problem has been corrected.
4. Start forklift and move it outside or to a well-ventilated area for refueling.	Impact (from struck by accidents involving pedestrians/bystanders)	Follow all safety protocols for forklift operation.
	Burns (from ignition of LPG due to near-by open flame or heat source)	Do not change tanks near an open flame or heat source.
5. Shut off tank valve with engine running to empty fuel lines.	Extreme cold (from leaking valve or hose)	Wear <b>work gloves</b> . Tighten valve fully.
	Impact (from leaking LPG hitting eyes)	Wear <b>safety glasses</b> .
6. Turn off ignition after engine stops.	None foreseen	N/A
7. Disconnect hose from tank.	Cuts (from sharp metal edges)	Wear <b>work gloves</b> .
8. Unbuckle and remove tank from bracket.	Cuts (from sharp metal edges)	Wear <b>work gloves</b> .
	Ergonomics (back or other strain from lifting tank)	Lifting/Back Safety training Do stretching and warm-up exercises before starting work.

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9. Place full tank in bracket and re-buckle.	Cuts (from sharp metal edges)	Wear <b>work gloves</b> .
	Ergonomics (back or other strain from lifting tank)	Lifting/Back Safety training Do stretching and warm-up exercises before starting work.
10. Reconnect hose to tank and tighten firmly.	Cuts (from sharp metal edges)	Wear <b>work gloves</b> .
11. Open valve slowly and assure proper seal.	Extreme cold (from leaking valve or hose)	Wear <b>work gloves</b> .
12. Start forklift to check for proper fuel flow.	None foreseen	N/A

**NOTE:** Basic hazard categories include – **impact** (falling/flying objects, struck by), **falls from height**, **penetration** (sharp objects piercing foot/hand, other body parts), **compression** (roll-over or pinching), **cuts**, **burns**, **chemical exposure** (inhalation, ingestion, skin contact, eye contact or injection), **heat**, **extreme cold**, **harmful dust**, **noise**, **light (optical) radiation** (welding, brazing, cutting, furnaces, etc.), **ionizing radiation**, **non-ionizing (RF energy) radiation**, **electrical shock**, **ergonomics** (includes back strain or other strain due to lifting/stretching) and **biologic**.

**CERTIFICATION:** I certify that I have personally performed the above Job Hazard Assessment on the date indicated below. *This document is a Certification of the Hazard Assessment required by 29 CFR 1910.132(d)(2).*

Larry L. Leskovjan	<i>Larry L. Leskovjan</i>	July 29, 2015
<b>Printed Name</b>	<b>Signature</b>	<b>Date</b>