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

**Department:** Facilities; Business, Industry & Trade  
**Campus:** All

**Task:** Change Liquefied Petroleum Gas (LPG/Propane) Tank on a Forklift

**Job Title(s) Performing Task:** 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**

<table>
<thead>
<tr>
<th>Task Step/Sub-Tasks</th>
<th>Hazard(s)</th>
<th>Recommended PPE (Bolded)/Controls</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>No Smoking!</td>
<td>None foreseen</td>
</tr>
<tr>
<td>2.</td>
<td>Perform pre-operational check of forklift.</td>
<td>Deficiencies that compromise operation or safety.</td>
</tr>
<tr>
<td>3.</td>
<td>Check condition of valve, seals and hoses.</td>
<td>Extreme cold (from leaking valve or hose)</td>
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<tr>
<td>4.</td>
<td>Start forklift and move it outside or to a well-ventilated area for refueling.</td>
<td>Impact (from struck by accidents involving pedestrians/bystanders)</td>
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<td></td>
<td></td>
<td>Burns (from ignition of LPG due to near-by open flame or heat source)</td>
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<tr>
<td>5.</td>
<td>Shut off tank valve with engine running to empty fuel lines.</td>
<td>Extreme cold (from leaking valve or hose)</td>
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<td></td>
<td></td>
<td>Impact (from leaking LPG hitting eyes)</td>
</tr>
<tr>
<td>6.</td>
<td>Turn off ignition after engine stops.</td>
<td>None foreseen</td>
</tr>
<tr>
<td>8.</td>
<td>Unbuckle and remove tank from bracket.</td>
<td>Cuts (from sharp metal edges)</td>
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<td></td>
<td></td>
<td>Ergonomics (back or other strain from lifting tank)</td>
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9. Place full tank in bracket and re-buckle.
   Cuts (from sharp metal edges)
   Wear work gloves.
   Ergonomics (back or other strain from lifting tank)
   Lifting/Back Safety training

10. Reconnect hose to tank and tighten firmly.
    Cuts (from sharp metal edges)
    Wear work gloves.

11. Open valve slowly and assure proper seal.
    Extreme cold (from leaking valve or hose)
    Wear work gloves.

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
Printed Name

Larry L. Leskovjan
Signature

July 29, 2015
Date