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

**Department:** Facilities  
**Campus:** All

**Task:** Operate a Backpack Sprayer  
**Job Title(s) Performing Task:** Groundskeeper

*Reviewed by Sal Vacirca, Campus & Offsite Facilities Manager, July 30, 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>
</table>
| 1.                  | None foreseen | Ensure that hoses are undamaged and that fittings are secure.  
If deficiencies are noted, remove from service and repair/replace as necessary. |
| 1. Pour chemical product into sprayer. | Chemical exposure (from splashes) | Wear work gloves.  
Wear long trousers and long-sleeve shirt.  
Wear splash goggles.  
Do not mix chemicals. |
| 2. Charge the sprayer. | Ergonomics (back strain or other strain) | Do stretching and warm-up exercises before starting work.  
Use easy motions; avoid over-reaching, twisting, bending and awkward positions. |
| 3. Put sprayer on back. | Ergonomics (back strain or other strain) | Do stretching and warm-up exercises before starting work.  
Use easy motions. |
| 4. Use sprayer; continue to charge as necessary. | Chemical exposure | Wear work gloves.  
Wear long trousers and long-sleeve shirt.  
Wear splash goggles.  
Wear appropriate respirator as per Safety Data Sheet. |
| 5. Take sprayer off back when spraying is completed. | Ergonomics (back strain or other strain) | Do stretching and warm-up exercises before starting work.  
Use easy motions. |
### Task: Operate a Backpack Sprayer

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6. **Return leftover chemical product to its container.**  
   Chemical exposure (from splashes)  
   - Wear **work gloves**.  
   - Wear **long trousers and a long-sleeve shirt**.  
   - Wear **splash goggles**.  
   - Take care when pouring so as not to spill chemical product onto the ground.

7. **Flush out sprayer system and prepare for storage.**  
   Chemical exposure  
   - Wear **work gloves**.  
   - Wear **long trousers and a long-sleeve shirt**.  
   - Wear **splash goggles**.

**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).*

<table>
<thead>
<tr>
<th>Larry L. Leskovjan</th>
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<th>July 30, 2015</th>
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<tbody>
<tr>
<td>Printed Name</td>
<td>Signature</td>
<td>Date</td>
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