



## JOB SAFETY ANALYSIS OPERATING A BACKPACK VACUUM



### Required Personal Protective Equipment (PPE)\*

Not required

### Required Training

Standard operating procedures (SOPs) for the backpack vacuum, battery pack and charger

TASK	HAZARDS	CONTROLS
1. Equipment Inspection	Fire  Electric shock  Personal Injury	<ul style="list-style-type: none"> <li>- Empty the intercept micro filter after every use and before storage</li> <li>- Replace the intercept micro filter and micro cloth filter into the vacuum</li> <li>- Do not use a damaged vacuum, electrical cord or battery.</li> <li>- Do not use if the unit is not working, damaged, left outdoors, or exposed to water.</li> <li>- Do not handle the switch or battery pack with wet hands.</li> <li>- Keep free of dust, lint, hair, and anything that may reduce air flow.</li> <li>- Keep hair, loose clothes, fingers, and all body parts away from the openings or moving parts.</li> <li>- Ensure the switch is off before connecting the battery pack or carrying vacuum.</li> </ul>
2. Preparing for Work	Debris may catch on fire  Backpack Ergonomics	<ul style="list-style-type: none"> <li>- Do not use without filters in place</li> <li>- Upper harness should sit between shoulder blades</li> <li>- The weight of the vacuum should be evenly distributed on your hips rather than your shoulders.</li> </ul>
3. Operating Equipment	Fire  Proper Posture	<ul style="list-style-type: none"> <li>- Do not vacuum flammable or combustible materials.</li> <li>- Do not vacuum near combustible liquids, gases, or dust.</li> <li>- Fasten the ends of the wands. Attach floor tool and turn the unit on.</li> <li>- Begin with wand close to your body. Draw the wand towards you, your body should follow the direction of the wand, in a side-to-side motion.</li> </ul>

	4. Battery and Charging	Risk of fire or injury  Electrical shock	<ul style="list-style-type: none"> <li>- <b><u>Use only ProTeam charger and ProTeam battery packs</u></b></li> <li>- When charging, make sure charger has at least 6 inches of clearance on all sides</li> <li>- Do not charge or store batteries outdoors, or leave unattended.</li> <li>- Connect to a grounded outlet only (120V).</li> <li>- Battery charger (100-240V) must be grounded.</li> <li>- Do not use a damaged charger or a damaged battery.</li> <li>- Allow the battery back to cool for 1 hour prior to charging.</li> <li>- Do not use vacuum, battery pack or charge in temperatures above 104 F or below 50 F</li> <li>- Do not handle charger with wet hands.</li> </ul>
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I have received, read, and understood the contents of this JSA. I have also acquired the aforementioned required training.

Name:	
Department:	
Job Title:	
Employee ID:	
Date:	
Signature:	



For more information about this JSA, contact the *Office of Environmental Health and Safety* at LAUSD, 333 South Beaudry Avenue, 21<sup>st</sup> Floor, Los Angeles, CA 90017, (213) 241 – 3199 or <http://achieve.lausd.net/oehs>