



LAUSD-OFFICE OF ENVIRONMENTAL HEALTH AND SAFETY

JOB SAFETY ANALYSIS

OPERATING AN VICTORY VP200ESK ELECTROSTATIC SPRAYER

General Precautions: Ensure PPE is in good condition.

Required Personal Protective Equipment (PPE)*

Safety goggles or glasses, long sleeves, slip resistant shoes

Optional: non-NIOSH rated dust mask, chemical resistant gloves (please note, it is recommended to use the handheld without gloves. Some users may prefer to wear gloves, which is okay, but may increase the chance of a mild Electrostatic Discharge)



Required Training

Operation of equipment, PPE, Hazard Communication, California Department of Pesticide Regulation (CDPR)

SAFETY WARNING: Do not use the electrostatic application system if you have a pacemaker or an Implantable Cardioverter Defibrillator (ICD).

*Additional training and PPE may be required depending upon the scope of the activities to be performed. All construction areas must be demarcated and barricaded.

| TASK | HAZARDS | CONTROLS |
|----------------------------|---------|---|
| Notes about the technology | | <p>Do not over saturate area!!!!</p> <p>The machine gives a positive charge to the chemical as it leaves the sprayer. The chemical bonds to all surfaces, which are negatively charged.</p> <p>The positively charged chemical mist will naturally enter cracks and crevices as well as bond to hard to reach or out of view surfaces such as the underside of tables, the backs of chairs and keyboards.</p> <p>The electrostatic charge improves liquid adhesion to targeted surface(s).</p> <p>Generally, wiping down surface is not required with this application.</p> <p>Refer to the chemical manufacturer's instructions and EPA for proper use and contact time.</p> |

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| | 1. Equipment inspection | Electrical Shock Fire Serious personal injury | <p>Read and understand all safety precautions in the manual before use and operation of the equipment.</p> <p>Ensure device is OFF and the battery is disconnected when inspecting to reduce the risk of starting the sprayer accidentally.</p> <p>Always turn the system off when not in use.</p> <p>Do not place any body parts or foreign objects into any opening of the sprayer or contact any moving parts.</p> <p>Make sure all parts and accessories are in good operating condition and secured.</p> <p>Check battery for cracks and damages. If the battery is cracked or damaged, do not insert into charger.</p> <p>Only use charger provided by the manufacturer.</p> <p>Do not attempt to disassemble the battery or the device.</p> <p>Do not submerge the device into water or other liquids.</p> |
| | 2. Preparing for work | Inhalation of chemical Slips, Trips, Falls | <p>Put on PPE</p> <p>Ensure your work area is clean, well lit, and free of tripping hazards.</p> <p>Open doors and windows to establish good ventilation.</p> <p>Turn on the HVAC system to fan mode to establish good ventilation.</p> <p>Ensure students and other employees are not in your work area.</p> <p>Disinfectant must be OEHS and EPA approved.</p> <p>Disinfectant must be manufacturer approved for use with an electrostatic or mechanical sprayer.</p> <p><i>NOTE: DO NOT ADD CHEMICALS THAT ARE NOT DESIGNED FOR USE WITH THE SPRAYER.</i></p> <p>Avoid accidental starting, ensure the switch is in the locked or OFF position before inserting battery pack.</p> <p>Follow the manufacturer instructions for refilling the tank, adjusting the nozzle, or replacing the nozzle.</p> <p>Only use and install authorized replacement accessories, components and attachments specific to the equipment and recommended by the manufacturer.</p> <p>Do not attempt temporary repairs.</p> <p>Ensure battery and tank are properly attached before use.</p> |

3. Operating/starting equipment

Inhalation of chemical
Slips, Trips, Falls
Other bodily injuries

Never point the sprayer toward people.
Do not use the sprayer in occupied spaces.
Keep your finger away from the sprayer ON/OFF button until you're ready to spray.
Never touch or handle the charging area within the applicator (front end) during spraying.
Never reach inside of the applicator while the sprayer is powered on.
If working outdoors, be mindful of wind. Always apply mist with the wind at your back.
Use caution because the mist may produce slip hazards
Do not apply too much mist.
Drips or puddles indicate that too much mist is applied to one surface.
Use caution when spraying around electronics. Do not allow for drips and pooling.
Do not spray over any food or other consumables.
Optimal spray distance is 24 inches away from the surface/target.
Do not spray overhead, ceilings, and floors.
Do not spray into an area where you cannot see the surface.
Utilize an "S" pattern to dispense mist.
Walk at a comfortable, average pace to dispense mist.
Only depress the trigger when disinfecting an area.
Routinely switch hand to reduce the risk of sprains, strains and muscles fatigue.

I have received, read and understood the contents of this JSA and have also acquired the aforementioned required training.

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| NAME: | |
| DEPARTMENT or SCHOOL: | |
| JOB TITLE: | |
| EMPLOYEE ID: | |
| DATE: | |
| SIGNATURE: | |

For more information about this JSA, contact the *Office of Environment, Health and Safety* at LAUSD, 333 South Beaudry Avenue, 21st Floor, Los Angeles, CA-90017
213-241-1000 • <http://achieve.lausd.net/oehs>