

Job Name: _____ Job Site Location: _____

Date: _____ Start Time: _____ Finish Time: _____ Foreman/Supervisor: _____

Topic 565: Pick-Up Brooms (Street Sweepers)

Introduction: Street sweepers are designed for cleaning parking lots, post-event clean-ups, and routine maintenance on streets. Operators must be aware of pedestrians and other vehicles. Following are safety guidelines for safe street sweeper operations:

- **Employees** need to be trained in safe operating procedures. Training should include daily inspections, sweep and dump operations, cleaning of the equipment, and regular maintenance if qualified.
- **Inspect** the dual and center sweep, broom, brushes, water dust control system, air blower, blower rack, conveyor belt, hopper, pumps, hydraulics, vacuum, suction hoses, high dump, brakes, lights, tires, motor (s), steering, beacon, and rear view mirrors.
- **Remember**, when everything is running properly and all equipment is functional, concentration on driving is at its optimum.
- **Headlights**, brake lights, turn signals, and the beacon must be working properly. Repair or replace immediately before operating the sweeper. Always turn the beacon on to alert pedestrians and traffic.
- **An audible** back-up alarm will alert everyone when the sweeper is backing up.
- **Cracked**, pitted, or broken windows and mirrors must be replaced. Adjust mirrors to maintain the best possible visibility.
- **Keep** the cab area clean of trash. Lunch boxes, tools, and fire extinguishers must be fastened down to prevent movement.
- **Stay alert** at all times. Drive the sweeper as slow as possible where there is a possibility that children or pedestrians will be in the area and where visibility is minimal due to parked cars or other obstacles. Keep an eye on all traffic.
- **Operators** need to know the length and width of the sweeper for safe maneuvering and turning. This includes the sweep, broom, vacuums, and suction hose attachments.
- **Obey** all traffic signals.
- **Keep** an eye out for objects the sweeper cannot pick up. Damage to the vehicle can create unsafe maneuvering while driving.
- **Never** leave the sweeper unattended while it is running. Always park the equipment in a safe spot and shut it down.
- **Always** remove the keys when the equipment is not in use. Keep a fire extinguisher available for emergencies.
- **Call** maintenance or a tow shop when the sweeper breaks down. A disabled sweeper, left alone, can invite trouble.
- **Landfills** may have uneven terrain which could cause damage to the equipment or injury to the operator. Drive slowly to avoid flipping the vehicle over. When possible, park on level ground for safe dumping.
- **Use caution** when dumping and closing the hopper, so as to avoid injury by moving equipment or falling debris.
- **Check tires** for proper air pressure, abnormal or excessive wear patterns, and curbside damage. Check the operator's manual for the correct air pressure. Replace or repair any tires or wheels that may present a safety hazard.
- **Brake** fluid levels must be kept full to prevent air from entering the lines and causing spongy braking conditions. Brake linings must be inspected and adjustments made to keep them working safely. Keep a log for disc brake replacement.
- **Check** all suspension parts (ball joints, tie rods, tie rod ends, pitman arm, springs, shocks, steering gear, bushings, wheel bearings, and grease seals). Repair or replace any of these parts when wear is noted.
- **Check** the engines oil, coolant, steering fluid, transmission fluid, and differential gear lube. Oil leaks must be repaired.
- **Inspect** the belts and hoses. Any hoses or belts that are damaged, cracked, broken, or worn-out must be replaced.
- **Hydraulic** inspection will include the oil reservoir, pumps, hoses, fittings, and cylinders. Any damaged or broken parts must be repaired or replaced before the equipment can safely be used. Never operate any equipment with hydraulic fluid leaks.
- **Clean** the equipment thoroughly after use to eliminate the build-up of hazardous and contaminated road debris.



Personal protective equipment (PPE): When necessary, wear safety glasses, a dust mask, heavy duty gloves, and safety work boots.

Conclusion: The operator's manual should be kept in the cab for use by the operator. Utilize these safety guidelines for safe pick-up broom (street sweeper) operations.

Work Site Review

Work-Site Hazards and Safety Suggestions: _____

Personnel Safety Violations: _____

Employee Signatures:

(My signature attests and verifies my understanding of and agreement to comply with, all company safety policies and regulations, and that I have not suffered, experienced, or sustained any recent job-related injury or illness.)

_____	_____	_____
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These guidelines do not supercede local, state, or federal regulations and must not be construed as a substitute for, or legal interpretation of, any OSHA regulations.