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Injury & Illness Prevention Program
Job Safety Analysis

Task: USE OF PERSONNEL LIFT / AERIAL LIFT

Required PPE:

1. Hard Hat (operator and ground crew)
2. Safety Glasses (operator and ground crew)
3. Safety Shoes
4. Reflective Safety Vest (operator and ground crew)
5. Fall Protection – Body Harness or Belt and Fall Restraint Lanyard

Required Training:

1. Read, understand, and follow manufacturer's safety instructions
2. Training from a competent person in operations of aerial lift
3. Fall Protection Training
4. Use of Personal Protective Equipment (PPE)
4. Electrical power line safety awareness

TASK	HAZARDS	CONTROLS
Prepare Work Area	Injuries to operator, co-workers, and bystanders	• Visual inspection and operational check of aerial lift • Warn people in work area; utilize barricades, cones, and caution tape to keep bystanders a safe distance away; position lift away from traffic, building overhangs, and power lines; level truck base and block wheels • Post employee as "look out" as needed in heavy traffic areas (vehicles and pedestrians)
Operating lift	Fall injury / serious injury or Death	• Secure operator with a fall restraint harness or body belt and fall restraint lanyard anchored to appropriate location in bucket as designated by lift manufacturer. *Fall restraint lanyard not to exceed distance to edge of bucket!* • Never exceed the posted lift capacity (including worker, material, and tools) • Never use lift as a crane or hoist to lift or lower materials • Always look in the direction of travel of the bucket when operating lift; never run boom or bucket into conductors, cables, poles, trees, etc. • Never move the lift truck when the boom is elevated in a working position with an operator in the bucket
	Roll-over/ tipping of lift	• Follow all manufacturer safety instructions regarding surfaces and use of equipment
	Bodily Injury to Operator	• No part of the body shall be used to locate or to attempt to stop a hydraulic leak • Wear hard hat and safety glasses

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Operating Lift	Head, body, or eye injuries to ground crew	• Wear reflective safety vest, hard hat and safety glasses at all times when in vicinity of overhead work
	Electrical shock/injuries to operator and/or ground crew	• Maintain a **minimum clearance of 10 feet** from all *potentially* energized power lines. Contact Manager to verify with electricians prior to work if near power lines. • Stay clear of city power lines- keep personnel and equipment including attachments, poles, spray wands ,etc. a minimum of 10 feet away from all power lines rated 50kV or less. (OSHA construction orders (overhead power lines) 1926.550/ 1910.333) • When working near energized lines or equipment, aerial lift trucks shall be grounded or barricaded and considered as energized equipment, or the aerial left truck shall be insulated for the work being performed. (OSHA construction orders (overhead power lines)1926.952)

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