

Standard Operating Procedure



Aerial Lift Safety

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Hazard Controls	Hazards	<ul style="list-style-type: none"> • Falls from elevated heights. • Crushing from overhead hazards such as beams and joists. • Electrocutation from overhead power lines. • Objects falling from lifts at height. • Tip-overs from wind or uneven ground.
	Personal Protective Equipment	<ul style="list-style-type: none"> • Body harness or restraining belt with a lanyard connected to the lift platform. • Site-specific PPE:
	Training	<ul style="list-style-type: none"> • Understanding the use, limitations, and hazards of the lift, use of PPE, emergency procedures, when and how to perform inspections, manufacturer's requirements, demonstration of the skills and knowledge needed to operate a lift. • Retraining is required after an accident, new workplace hazards, a different type of lift is used, a worker is observed operating a lift improperly. • Site-specific training:
	Work Practice Procedures	<ul style="list-style-type: none"> • Understand and follow manufacturer operating procedures. • Only trained personnel shall operate lifts. • Do not override hydraulic, mechanical, or electrical safety devices. • Conduct a pre-start and work zone inspection prior to using a lift. Follow manufacturer requirements or contact EHRS for sample checklists. • Do not operate a lift in high winds above those recommended by the manufacturer. • Immediately report missing, broken, or defective parts. Remove defective lifts from service until repairs are made. • Do not use the lift as a crane. • Do not exceed the load-capacity limit. Take the combined weight of workers, tools,

		<p>and materials into account.</p> <ul style="list-style-type: none"> • Set outriggers on pads or a level, solid surface. Set brakes when outriggers are used. • Set up work zone warnings, such as cones and signs, to warn others. • Be aware of overhead clearance and objects, including ceilings. • Treat all overhead power lines as energized. Ensure that lines are de-energized before working in their vicinity. • Always maintain a three-point contact when getting on and off of the lift- two feet one hand or two hands one foot. • Ensure that access gates or openings are closed. • Wear the required personal protective equipment, including fall restraint. Do not belt-off to adjacent poles or structures while on the platform. • Stand firmly on the floor of the platform. Do not climb on or lean over guardrails or handrails. • Do not use planks, ladders, or other devices as a working position. • Do not exceed the vertical or horizontal reach limits of the lift. • Do not drive with the lift platform raised unless manufacturer’s instructions allow. • Ensure the area below is clear of personnel and obstructions before lowering the platform. Make sure the platform is completely lowered before getting on or off. • Secure lifts from unauthorized use. • Site-specific procedures:
Other	Emergencies	In the event of an emergency, call Campus Safety at (215) 204-1234
	Questions	Contact Environmental Health and Radiation Safety (EHRS) at (215) 707-2520 Site-specific contact information: