

SAFE USE PLAN

UNC Charlotte Environmental Health and Safety Aerial Lift / Mobile Elevating Work Platform (MEWP)

Instructions: Refer to this Safe Use Plan for guidance with selecting appropriate Aerial Lift / Mobile Elevated Work Platform (MEWP) for the work you've been assigned. This Plan is designed to identify the risks associated with general work tasks and which control measures to apply when operating a lift.

Aerial Lift / Mobile Elevated Work Platform (MEWP)	Example tasks for specific lift, but not limited to list below:	Risks	Control Measures
GROUP A, TYPE 1			
One Man Lift <u>with</u> Outriggers	<ol style="list-style-type: none"> 1. Change light bulbs 2. Painting 3. IT equipment maintenance 4. Hanging office décor 5. Other indoor maintenance tasks 	Fallin Objects →	Toe-boards Tethered tools Hard hats Barricade worksite
GROUP A, TYPE 3		Electrocution →	Stay at least 10 feet away from energized power lines
One-man Lift <u>without</u> Outriggers	<ol style="list-style-type: none"> 1. Change light bulbs 2. Painting 3. IT equipment maintenance 4. Hanging office décor 5. Other indoor maintenance tasks 	Fall From Heights →	Guardrails/gates Personal fall protection inspected/used
Scissor Lift		Weather (Wind, Rain, Lightning) →	Stop if lightning is within 10 miles Stop if winds exceed manufacturer's guidelines Stop in rain
Rough Terrain	<ol style="list-style-type: none"> 1. Outdoor Use ONLY 2. Filming Events 3. Band – Conducting musical groups 4. Painting 5. Window cleaning 6. IT equipment maintenance 7. Other maintenance tasks 	Hazardous Atmospheres and Conditions including Fire Hazards →	Ground welding equipment Keep lift clean and free of lint, excess oil, and grease Follow manufacturer's instructions for refueling and battery charging Wear appropriate PPE for tasks
GROUP B, TYPE 1		Workers/Pedestrians →	Barricade worksite Stay clear/yield to workers and pedestrians
Compact Crawler	<ol style="list-style-type: none"> 1. Outdoor use ONLY 2. Window washing 3. Lightbulb changing 4. IT equipment maintenance 	Traffic/Equipment Collisions →	Barricade worksite Stay clear/yield to vehicle/other equipment Obey traffic laws Lockout overhead cranes Give warning of your intent
GROUP B, TYPE 2 & 3		Uneven/Unstable Surfaces →	Avoid uneven/unstable surfaces Mark with barricade/cones Reinforce/level surfaces
Vehicle Mounted Lift-Bucket Truck	<ol style="list-style-type: none"> 1. Outdoor Electrical Maintenance 	Obstacles, Debris →	Avoid obstacles/debris Mark with cones/barricade Remove obstacle/debris
GROUP B, TYPE 3		Slopes, Holes, Unprotected Edges →	Avoid slopes/holes/unprotected edges Mark with barricades/cones Use a ground spotter
Articulating Boom Platform	<ol style="list-style-type: none"> 1. Outdoor Use ONLY 2. Window washing 3. Outdoor light maintenance 4. Outdoor building maintenance 	Overhead Obstructions and/or Entanglement →	Avoid overhead obstructions
Extensible or Telescoping Boom Lift			Remove overhead obstruction Avoid entanglement hazards Remove entanglement hazards