

Mobile Elevating Work Platforms (MEWP)

Aerial Lift/Scissor Daily Checklist

Prior to each work shift, conduct a pre-start inspection to verify that the equipment and all its components are in safe operating condition. Follow the manufacturer’s recommendations and include a check of the items listed below. Do not operate any aerial lift if any of these components are defective. Remove defective aerial lifts from service (tag out) and notify the supplier/manufacturer.

Vehicle components	P/F/NA	Comment
Manufacturers Operations Manuals		
Proper fluid levels (oil, hydraulic, fuel and coolant)		
Leaks of fluids;		
Wheels and tires;		
Battery and charger;		
Lower-level controls;		
Horn, gauges, lights and backup alarms;		
Steering and brakes.		
Lift components	P/F/NA	Comment
Operating and emergency controls;		
Personal protective devices;		
Hydraulic, air, pneumatic, fuel and electrical systems;		
Fiberglass and other insulating components;		
Placards, warnings, or operational, instructional and control markings; all readable and in place		
Mechanical fasteners and locking pins;		
Cable and wiring harnesses;		
Outriggers, stabilizers and other structures;		
Loose or missing parts;		
Guardrail systems		
Additional Items specified by manufacturer		
Work Zone Inspections	P/F/NA	
Drop-offs, holes, or unstable surfaces such as loose dirt;		
Inadequate ceiling heights;		
Slopes, ditches, or bumps;		
Debris and floor obstructions;		
Overhead electric power lines and communication cables; See Table 1-1 Minimum Approach Distances		
Other overhead obstructions;		
Other hazardous locations and atmospheres;		
High wind and other severe weather conditions, such as ice; and		
The presence of others/pedestrians in close proximity to the work		

Table 1-1: Minimum Approach Distances

Nominal Voltage kV Phase to Phase*	Distance	
	Feet, inches	Meters
*Exceeds phase to ground		
0.0 to 1.0	10-00	3.05
1.1 to 15.0	10-00	3.05
15.1 to 36.0	10-00	3.05
36.1 to 50.0	10-00	3.05
50.1 to 72.5	10-09	3.28
72.6 to 121.0	12-04	3.76
138.0 to 145.0	13-02	4.00
161.0 to 169.0	14-00	4.24
230.0 to 242.0	16-05	4.97
345.0 to 362.0	20-05	6.17
500.0 to 550.0	26-08	8.05
785.0 to 800.0	35-00	10.55