

Manual Section 4	Issue Date 10/08/11	Revision Date 01/01/24	Policy Number LLCP-037
	<b>Aerial / Man Lifts</b>		

**OSHA Regulatory Standard: OSHA 29 CFR 1926.453, 1926.952, 1926.502**

**Purpose**

To ensure all activities requiring the use of aerial lifts are conducted in a manner consistent with established safety procedures so as to minimize risk to personnel and facilities. All personnel needing to operate such equipment shall be trained prior to usage.

**Scope**

All LLC Companies including, Blanchard Industrial, LLC, GIS Engineering, LLC, Grand Isle Shipyard, Inc., and GWIS, Mack Steel, NuWave, Sun Industries, Valvemax, Discovery Industries, Inc.; hereafter identified as "Company".

**Definition**

An aerial lift device is defined as any vehicle-mounted device, telescoping or articulated (hinged), or both, which is used to position personnel.

Aerial lifts acquired for use on or after January 22, 1973 shall be designed and constructed in conformance with the applicable requirements of the American National Standards for "Vehicle Mounted Elevating and Rotating Work Platforms," ANSI A92.2-1969, including appendix. Aerial lifts acquired before January 22, 1973 which do not meet the requirements of ANSI A92.2-1969, may not be used after January 1, 1976, unless they shall have been modified so as to conform with the applicable design and construction requirements of ANSI A92.2-1969.

**Procedure**

1. Operation of aerial lifts shall be in accordance with established safety procedures and Corporate policies.
2. Aerial lifts may be "field modified" for uses other than those intended by the manufacturer provided the modification has been certified in writing by the manufacturer or equivalent entity.
3. Never move the equipment with workers in an elevated platform unless this is permitted by the manufacturer.
4. The vehicle shall have a reverse alarm audible above the surrounding noise level or the vehicle is backed up only when an observer signals that it is safe to do so.
5. Equipment operating within 15 feet of any power distribution system line, structure, guy wire, switch yard or other energized electrical equipment requires prior clearance by the appropriate Supervisor.
6. Pre-use tests shall be performed to determine brakes and lift controls are in safe working condition.
7. Boom and basket load limits specified by the manufacturer shall not be exceeded.
8. Brakes shall be set prior to operation. Chocks shall be used if equipment is operated on an incline.
9. Outriggers shall be positioned on pads or solid surfaces if required.

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10. For lines rated 50 kV. or below, minimum clearance between the lines and any part of the equipment shall be 10 feet.
11. Always treat power lines, wires and other conductors as energized, even if they are down or appear to be insulated.
12. Only authorized personnel who have received training and certification on the operation of an aerial lift device may operate the vehicle.
13. The training and certification process will consist of two parts:
  - Classroom training and evaluation;
  - Field ("Hands-on") training and evaluation.
14. Classroom training, evaluation, and certification will be conducted annually. Field training and evaluation will be conducted at the time of the initial certification.
15. Employees who have not had experience in operating the lift device for which they are seeking certification will be given the opportunity to "apprentice" with a certified operator until the necessary experience is gained. This opportunity will be granted, if at all possible, in accordance with operational and staffing needs.
16. A written record of personnel successfully completing the training and certification process will be maintained by the Corporate Training Department. ID cards will be issued to certified operators.
17. Approved fall protection equipment shall be worn according to the PPE policy by attaching it to the boom or basket when working from an aerial lift; and is not permitted to be attached to adjacent poles or structures. Personal SRLs shall be used to limit fall distance.
18. Extension and articulating boom equipment shall have upper and lower controls. Controls shall only be operated by the employee in the lift. In the event of an emergency, the lower controls can be used by another employee, with permission from the employee in the lift.
19. Employees shall always stand firmly on the floor of the basket, and shall not sit or climb on the edge of the basket or use planks, ladders, or other devices for a work position.

### **Evaluation**

Evaluation for Aerial Lift Operators, excluding scissor lifts, shall be conducted by a certified operator. All operational evaluation shall be conducted under close supervision. All evaluation and examination must be completed before an operator is permitted to use an aerial lift of any kind. If various types of Aerial Lifts are used operators will be evaluated and tested on each type of unit.

Special evaluation and qualification is required for all lifts over sixty (60) feet. Operators will be given a separate evaluation and examination for this equipment before operation. Beyond 60' additional third party training is required.

Evaluation consists of a combination of formal review, practical evaluation exercises and evaluation/testing of the operator's performance in the workplace. All operators shall also be informed of hazards associated with each piece of equipment.

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The Company shall qualify that each operator has been evaluated as required by OSHA regulation. The qualification shall include the name of the operator, the date of the evaluation, the date of the testing, and the identity of the person(s) performing the evaluation and testing.

### **Inspection**

- Prior to initial use, all new, altered and extensively repaired aerial work platforms must be tested to appropriate standards.
- Aerial work platforms must be inspected by the operator prior to use each day or before each shift. This includes a review of the daily inspection log, visual inspection of the machine, an operational test of the lower controls before entering the platform and conducting a test of the main controls. Testing and inspection of lift controls, brakes and operating system is required prior to operation.
- Before moving an aerial lift, the boom shall be inspected to assure that it is properly cradled and outriggers, if equipped, are in a stowed position.
- Before entering the platform, visually inspect the machine and test operate it at the beginning of each day or before each shift by using lower controls.
- A daily inspection log must be kept for recording problems and repairs.
- Any inspection item(s) that impairs the normal operation of the aerial work platform must be addressed immediately.
- A daily inspection of the anchor point for tie off is required.

### **Ladder & Tower Trucks**

Although not use by our organization much, if needing to move the truck for highway travel, ladders shall be secured in the lower traveling by the locking device above the truck cab, and the manually operated device at the base of the ladder, or by other equally effective means.

Supervisors are responsible for ensuring employees under their supervision comply with this policy and procedure.