



## **Aerial lift safety**

### **Applicable regulations and policies**

[29CFR1910.67](#), [29CFR1926.453](#), [ANSI/SIA A92.5-2006](#), Boom-Supported Elevating Work Platforms and [ANSI/SIA A92.6-2006](#), Self-Propelled Elevating Work Platforms.

### **Applicability**

This program shall apply to all Arizona State University or ASU employees who operate aerial lifts.

### **Requirements**

Departments with assigned lifts:

- Ensure the operating and maintenance manuals are made available to each operator.
- Halt lift operations any time unsafe operations or conditions exist.
- Maintain written records of the frequent and annual inspections performed by the lift owner, including the date any problems found, the date when fixed, and the name of the person performing the repairs.
- Must implement and administer the Aerial Lift Operator Safety Plan, or ALOSP.
- Perform annual, or as frequently as recommended by the manufacturer, inspection of all lifts by authorized service personnel at the expense of the department that owns or rents the lift.
- Review the ALOSP annually for compliance and effectiveness and make recommendations for revisions if necessary.
- Verify that all employees who operate or work near ALs are properly trained.

#### **Supervisors:**

- Coordinate employee training, and certify that all operators receive annual training.
- Ensure that only trained and qualified individuals operate lifts.
- Observe the operation of aerial lifts in your department, and correct unsafe practices.
- Provide specific operational training for each lift in their department.
- Verify employee compliance with the principles and practices outlined in the ALOSP.

#### **Employees:**

- Adhere to manufacturer specifications for the safe operation of all equipment.
- Attend and complete all required initial training.
- Attend refresher training every three years.
- Complete a daily visual inspection and the Pre-start Inspection Checklist before operating any lift.
- Ensure signs, caution tape, barriers and fences and other means of diverting pedestrian traffic are in place prior to operating the lift.
- Maintain any PPE required to work safely while on the lift.
- Immediately report worn personal fall arrest system components to the supervisor or Department Safety Contact.
- Never override hydraulic, mechanical, or electric safety devices.
- Observe the operation of lifts in your department, and report unsafe practices to your supervisor..
- Report all accidents, regardless of fault and severity, to their Supervisor.
- Shall not wear any loose clothing or any accessory that can catch in moving parts.

### **Equipment**

- Articulating boom aerial lift.
- Extendable / Telescoping aerial lift.



- Scissor lift.
- Vehicle mounted aerial lift/ Bucket truck.

Recordkeeping: Departments utilizing lifts will maintain: written records of operator training on each model of aerial lift and the name of the trainer, written records of the frequent and annual inspections performed by the lift owner, including the date any problems found, the date when fixed, and the name of the person performing the repairs.

### **Training**

Employees who are authorized to operate lifts shall receive training prior to engaging in their duties, and at least every three years thereafter. Supervisors will ensure that authorized lift operators have acquired the necessary practical skills required for safe operation. Training is offered by EHS, and authorized department trainers.

Operational training will consist of a combination of general safety instruction, practical and operational training - demonstrations performed by the trainer, and practical exercises performed by the trainee - and evaluation of the operator's performance in the workplace. All operational training must be conducted under close supervision.

### **Training records**

Each department must maintain a record of all individual training, including:

- Date of training.
- Make, model, type of aerial lift.
- Name of individual trained.
- Name of supervisor or trainer providing the training.
- Subject matter of the training - classroom, test and obstacle course performance.
- Training records must maintained by the department for a minimum of five years.

### **Additional information:**

Contact ASU EHS: [asuehs@asu.edu](mailto:asuehs@asu.edu)