



Aerial Lift Operator Safety Course Outline



Prerequisites: This course shall have no formal pre-requisite.

Course Length: 3-4 hours – Course length shall vary depending on the number of delegates. Total course time includes breaks.

Class Size: The maximum number of delegates that may be trained and tested per instructor shall be thirty-five (35) in the classroom session and twenty (20) in the practical session. A second instructor shall be added for the practical session once the participation exceeds twenty (20).

Course Objective

- Provide delegates assigned to work on or around Aerial Lifts the necessary skills to safely perform their jobs.
- Provide delegates with recommended practices and guidelines to perform safely while working with Aerial Lifts.
- Delegates should be able to demonstrate the necessary skills during practical examination and demonstrate knowledge during written examination.

Course Design

- Power Point© / Lecture / Audio Video / Visual Aids
- Practical Exercises

Successful Course Completion

- Requires a minimum score of 75% or better.
- Grades shall be calculated by dividing the number of questions answered correctly by the total number of exam questions.
- Delegates will have no more than thirty (30) minutes to complete the exam.
- Successful completion of practical session is mandatory.

Course Content Summary

- Classroom
- Practicals

Breaks: 10 minutes (approximately every hour)

Lunch: 1 Hour (if applicable)



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About Aerial Lifts

- General Uses
- Training Requirements
- General Safety Guidelines

Safe Operations

- Pre-Operational Inspection
 - Daily Inspection Criteria
 - Hydraulic System
 - Reporting unsafe conditions
 - Example Inspection Form
- Work Site Inspection
- Operator Controls
- Safe Work Practices
 - Use of Ground Controls
 - Elevating a Platform
 - Leveling Jacks
 - Safely Working from Work Platform
- Electrical Hazards
- Fall Hazards
- Fall Hazard Prevention
- Tip Over Hazards
- Collision Hazards
- Worker Lifting Hazards
- Improper Equipment Use
- Battery Safety
- Personal Protective Equipment (PPE)
- Work Introduced Hazards
- Causes of Death from Aerial Lifts (Statistics)

Fall Protection

- Personal Fall Arrest System Requirements
 - Anchor Point
 - Vertical Life Lines
 - Horizontal Life Lines
 - Harness
 - Lanyard
 - Connectors
- Inspection of Gear
- Protection from Falling Objects

Practical Session



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Practical training shall utilize an Aerial Lift similar to the type the employee will required to operate.

Practical shall verify the following:

- Properly select and wear appropriate PPE during practical training
- Perform proper pre-use inspection of Aerial Lift and Personal Fall Arrest Equipment
- Perform operator maintenance as required
- Effectively identify hazards associated with Aerial Lifts
- Demonstrate proper use of operation controls
- Demonstrate safe operation speeds
- Utilize proper fall protection
- React to unusual or emergency situations
- Proper access/egress from Aerial Lift

Training Center Provided Material

- Course Materials
- PPE

Delegate Requirements

- Aerial Lift
- Tools/Equipment

Reference Material / Documents

OSHA 29 CFR 1910.68

OSHA 29 CFR 1926.453