



## **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)



## M&A Safety Services

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### Course Outline

#### About Aerial Lifts

- ) General Uses
- ) Training Requirements
- ) General Safety Guidelines

#### Safe Operations

- ) Pre-Operational Inspection
  - o Daily Inspection Criteria
  - o Hydraulic System
  - o Reporting unsafe conditions
  - o Example Inspection Form
- ) Work Site Inspection
- ) Operator Controls
- ) Safe Work Practices
  - o Use of Ground Controls
  - o Elevating a Platform
  - o Leveling Jacks
  - o 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
  - o Anchor Point
    - Vertical Life Lines
    - Horizontal Life Lines
  - o Harness
  - o Lanyard
  - o Connectors
- ) Inspection of Gear
- ) Protection from Falling Objects



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### **Practical Session**

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