



## **AERIAL LIFT PROCEDURE**

### **Effective January, 2018**

Only properly trained City of Anderson employees shall be authorized to work out of an aerial lift vehicle.

Maintain 3' distance from secondary lines and 10' from primary and uncoated secondary lines.

Prior to performing work, assess the job task for the proper PPE

#### **1910.135(a)(2)**

*The employer shall ensure that a protective helmet designed to reduce electrical shock hazard is worn by each such affected employee when near exposed electrical conductors which could contact the head.*

#### **Exposed (as applied to live parts) –**

*Capable of being inadvertently touched or approached nearer than a safe distance by a person. It is applied to parts that are not suitably guarded, isolated, or insulated. (2004 NFPA 70E).*

City of Anderson employees shall not approach exposed electrical conductors. All employees are instructed to comply with power clearance procedures as listed above.

Ground employees shall wear hard hats when an employee is working in the lift station.

Wheel chocks will be utilized when an employee is elevated in an aerial lift while in a vehicle that does not have outriggers. If the vehicle has outriggers and is on an incline, then wheel chocks should be used.

Safety belts and lanyards are provided for City of Anderson aerial lift vehicles and are required to be worn at all times when in the bucket or platform lift.

Never attach a lanyard to a pole, post, sign or any object other than the proper attachment provided for that vehicle.

Safety belts and lanyards are to be inspected when received, daily before first use, and whenever they are caught on something. This inspection shall be documented on the pre-trip form of same date, used for the vehicle.

Check for loose stitching, keepers or snaps, enlarged buckle holes, general wear and tear, and/or dry rot.

If an employee arrives at the job site and discovers that his/her safety belt or lanyard is missing or damaged, he/she must stop the operation and do not attempt to work in the bucket.

## **AERIAL LIFT TRAINING**

All City of Anderson employees shall be trained and demonstrate to a competent trainer, the necessary skills in the safe operation of an aerial lift vehicle before being authorized to work in one, particularly in an unsupervised status.

This type vehicle shall be equipped with a minimum of two wheel chocks.

The emergency brake/air brake shall be set before and during the time an employee is authorized to ascend/work in an aerial lift.

Aerial lift vehicles shall be inspected daily and prior to use to ensure that all safety features and other associated equipment are in a good repair and fully operable. The daily inspection shall include all items of the City of Anderson daily vehicle pre-trip form, and the inspection shall include a visual inspection of the bucket and lifting mechanisms. If the vehicle driver changes during the same day a previous inspection was performed, then the vehicle operator must perform a new inspection.

When working near or on a road, street, highway, or parking lot, all necessary traffic control devices and plans shall be utilized and implemented.

Approved lanyards will be in good repair, properly attached to the manufacturer's provided hook, and secured to the "D" ring on an approved safety belt at all times when a City of Anderson employee ascends or works in an aerial lift.

Poles, pole lines, sign posts, and associated hardware shall be properly inspected, including other utility attachments, bonds, grounds, guy attachments, power clearances, etc., before an employee is authorized to ascend or work in an aerial lift.

All load limits and restrictions as posted on the boom of aerial lift vehicles shall be strictly adhered to at all times. Aerial lifts shall not be operated when wind speeds exceed the manufacturer's recommendations for safe operation, or when winds exceed 35 MPH, or 30 MPH if work includes material handling.

When positioning an aerial lift vehicle to work on the field side of a pole, particular attention should be paid to work area protection. Any part of your bucket extending over to the road side of the pole could result in accidental contact with trucks, equipment, or vehicles traveling by.

When moving sideways, up or down while in the bucket, look where you are going before you move and be sure that there are no obstacles (branches, power lines, street light fixtures, bolts, clamps, lashing wire ends, uncontained strand ends, etc.) that you, the bucket, or the boom are going to come in contact with.

Proper positioning of the truck before you ascend in the bucket must be planned with safety in mind and can make your job safer and easier.

Moving parts of equipment and machinery carried on or mounted on aerial lift trucks shall be guarded.

Cones, barricades, signs, and barricade tape should be used to direct pedestrian traffic safely around (not under) your work area when working from an aerial lift. When coning out an area, be sure not to cause a situation where pedestrians must walk in the road, especially in areas where children may be present (schools, neighborhoods, playgrounds, etc.)

Hand lines should be used to raise and lower tools, material, hardware, etc. as opposed to throwing or dropping.

Most small bucket trucks are not recommended for pole to pole span loads. Generally this type of cable transfer or load should be handled by the sling-come-along off the pole method.

All City of Anderson aerial lift derricks and associated equipment will be inspected by a competent person at the manufacturer's recommended intervals or at least a minimum of one time a year. Modifications or additions to the derrick and associated equipment will not be authorized unless the manufacturer has approved them in writing. Such modifications may require the changing and posting of the new limitations on the boom or bucket.

If you are assigned to work in an aerial lift vehicle and are not sure of its limitations or are not properly trained, stop and notify your supervisor at once.

Before moving an aerial lift for travel, the boom(s) shall be inspected to see that it is properly cradled and outriggers are in stowed position except as provided in paragraph (b)(2)(viii) of OSHA 1926.453.

The platform or bucket is not to transport personnel; however an employee may remain in the lift station during the following conditions:

- a) *The boom or lift **shall** be cradled.*
- b) *The safety harness **shall** be worn and lanyard attached properly.*
- c) *Speed of the vehicle **shall not exceed 10 MPH.***
- d) *For the purpose of repositioning an employee at the existing worksite; this to include banners and Christmas decorations.*
- e) *An employee **cannot** remain in the lift station to relocate work zone signage or as a means of transport.*
- f) *The vehicle operator shall show caution and gently roll over curbs, bumps and etc.*

**CERTIFICATE OF EMPLOYEE TRAINING IN THE USE OF AERIAL  
LIFTS PURSUANT TO OSHA STANDARD - CFR 29 1910.67**

I, \_\_\_\_\_, certify that on \_\_\_\_\_, the  
(Department Head) (Date)

following employee(s) of \_\_\_\_\_ received the  
(Department)

training required under the OSHA Vehicle-mounted Elevating and  
Rotating Work Platforms Standard.

NAME/SIGNATURE

NAME/SIGNATURE

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

As part of this training, employees were informed of the City of Anderson  
Aerial Lift Training & Procedures. By my signature and those of the  
individual employees listed above, we certify that each employee has  
demonstrated his/her understanding of this training.

\_\_\_\_\_  
(Signature of Training Instructor)

\_\_\_\_\_  
(Date)