
SECTION HEADING

ELPL 1100: Pole Climbing and Equipment Operation

Description

Pole Climbing and Equipment Operation covers climbing techniques, with fall arrest. Students will also learn installation and removal of pole hardware, setup and safe operation of digger derricks, bucket trucks, hydraulic systems, and truck driving operations. Also included in the course is the operation of elbow and squirt booms, safety checkout and use of the lifting jib.

Credits

3

Topics to be Covered

1. Pole climbing equipment
2. Pole climbing fundamentals
3. Testing Poles
4. Digger truck safety and operation
5. Hole digging and setting poles

Learning Outcomes

1. Identify pole climbing equipment
2. Describe hand and foot placement
3. Describe tool belt safety strap placement
4. Describe pole quadrant
5. Demonstrate climbing pole freehand
6. Demonstrate climbing pole safety strap method
7. Describe sound testing pole
8. Describe safety rules for digger derricks truck operation including positioning, stabilizing, override control, emergency operations, emergency procedures, boom lifting capabilities, and truck ground and barrier
9. Complete log sheet for digger truck
10. Describe digger truck hydraulic and overload protectors
11. Describe digger truck cold weather start-up
12. Demonstrate steps for digging hole
13. Demonstrate steps for setting pole

Credit Details

Lecture: 1

Lab: 2

OJT: 0