

SECTION B

APPRENTICE LINEMAN I

(SECOND 1000 HOURS)

OVERVIEW OF TRAINING LEVEL

Goal Of The Second 1000 Hours

The goal of the second 1000 hours is active training in line work, focusing on line construction.

Your Working Conditions

You will climb in a learning situation on a regular basis but only when another qualified Lineman is present.

You will never work on a pole that has energized lines. Pole work should be limited to new construction and completely de-energized poles.

If you are used for any work off your home system, you shall not be permitted to climb energized poles or structures and shall only perform Lineman I (Groundman) responsibilities.

Supervisor

You will work under the direction of the Crew Leader to which you are assigned. Your Crew Leader is responsible for your personal safety and your training activities.

Length Of Training

You will remain in the Lineman I (Climbing) classification for six months. (Exception: Credit for work hours could possibly be granted based on prior work experience.)

How You Will Progress

At the end of the six-month period, the Superintendent will decide if you will be advanced to the next training level—Apprentice Lineman II. Before advancement, you will demonstrate that you have developed the skills and acquired the knowledge expected of an Apprentice I (Climbing).

OVERVIEW OF WHAT YOU WILL LEARN

Materials And Equipment

You will obtain a complete set of lineman's personal tools.

You will be responsible for learning how to:

- Frame erected poles and install guys on the poles
- Make service connections, transformer connections, and other equipment connections on cold poles
- String and tie-in conductor

Safety Practices And Training

You will receive training in safe practices to perform all of the above duties and to handle all tools and equipment safely. This will include but not be limited to:

- Use of hot line tools
- Use of grounds and personal protective equipment

Electrical Theory

You will receive additional instruction in basic electrical theory, including:

- Circuits
- Grounding connections

Records, Reports, And Related Information

You will learn to read staking sheets to determine types of construction and needed materials.

**JOB COMPETENCY/DEMONSTRATION FORM
(Second 1000 Hours)**

_____ (Name of apprentice) is competent in or has demonstrated the ability to, or understanding of:	Approving supervisor's signature and date
Identify lines and where they are to be used	
Take information from electrical devices needed to complete records	
Make up a hand line	
Coil a hand line for storage	
Perform the necessary work on the ground to serve a Lineman working on a pole	
Good housekeeping at the job site	
Apply Standard First Aid to a victim of injury or illness	
Use of a two-way radio	
Prepare a transformer for hoisting up a pole	
Install ground rod at a pole and make the connections	
Perform pole top and bucket rescue procedure	
Introductory underground systems	
APPA Safety Manual procedures	
Basic electrical theory	
Understands what materials are required to make up a personal protective ground	
Safely operate right-of-way tools (axe, bush axe, chain saw, etc.)	
Properly inspect personal climbing tools	
Safely climb wooden poles	
Frame the following poles: 12.5/7.2 kv Primary, Single-phase, Single Primary Support 12.5/7.2 kv, Single-phase, Double Primary Support 12.5/7.2 kv, Single-phase, Primary 12.5/7.2 kv, Single-phase, 60° to 90° Angle 12.5/7.2 kv, Single-phase, Deadend (Single)	
Knowledge of electricity from generation until it reaches the consumers	