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Public Utility Commission of Texas

Employee Training Report
Required by 16 Texas Admin. Code § 25.97(d)

PROJECT NO. 50595

AFFECTED ENTITY: El Paso Electric Company

General Information

Pursuant to 16 Texas Admin. Code § 25.97(d)(2), not later than the 30th day after the date an affected entity finalizes a material change to a document or training program, the affected entity must submit an updated report. The first report must be submitted not later than May 1, 2020.

Instructions

Answer all questions, fill-in all blanks, and have the report notarized in the Affidavit.

Affidavit

A representative of the affected entity must swear to and affirm the truthfulness, correctness, and completeness of the information provided by attaching a signed and notarized copy of the Affidavit provided with this form.

Filing Instructions

Submit four copies (an original and three copies) of the completed form and signed and notarized Affidavit to:

Central Records Filing Clerk
Public Utility Commission of Texas
1701 N. Congress Avenue
P.O. Box 13326
Austin, Texas 78711-3326
Telephone: (512) 936-7180

1. Provide a summary description of hazard recognition training documents you provide your employees related to overhead transmission and distribution facilities.

Materials provided to EPE's lineman through its apprenticeship program (described in its answer to question two) are purchased through TD Powerskills, LLC. The Instructor Courses and on-the-job training are organized and aligned with the written curriculum/modules with related material outlined below. The documents specific to the hazard recognition training are summarized as follows:

T&D Powerskills Written Curriculum/Module Titles:
Introduction to Safety,
Safety in Transmission and Distribution Maintenance,
Setting and Replacing Poles,
Distribution Line Safety,
Safety in Overhead Line Maintenance,
System Protection and Monitoring,
Troubleshooting Overhead Lines,
Distribution Line Installation and Removal,
Distribution Line Replacement,
Overhead Troubleshooting 1,
Overhead Troubleshooting 2 - Emergency Conditions,
Transmission Line Installation,
Locating Primary Faults,
Locating Secondary Faults,
Transmission Line Repair – Bare Hand Method,
Transmission Line Repair - Hotsticks

The above material as well as material discussed and provided during the on-the-job training cover the following topics:

1. Helper Apprentice Lineman Check Off List – basic knowledge of distribution circuit assembly, transmission circuit assembly, identifying voltage levels, interpreting material data plates, proper tool use and handling, and other basic foundational information.

2. First Year Apprentice Lineman Check Off List – installation of structure components, identification of conductor type and size, installing de-energized conductors and grounds including understanding proper sag and tension, differentiating circuits, ground clearance installation over highways, electrical theory, introduction to trouble and emergency work, use of Distribution Construction Standards Overhead (DSO), Distribution Construction Standards Underground (DSU), Transmission Construction Standards Overhead (TSO), and other skills.

3. Second Year Apprentice Lineman Check Off List – electrical theory, personal protection and safe practices, transferring conductors, transmission and distribution structure assembly, identifying phases/voltage, overhead terminology for tools and equipment, assembly of transmission circuits both dead-end and tangent circuits, polymer (insulator) installation, transmission conductor size, and identification, approach distances, and other skills.

4. Third Year Apprentice Lineman Check Off List – transferring circuits under load, proper sag and strain, use of one-lines, diagrams and maps, line patrols and troubleshooting, conductor repair, identify size and distances, knowledge of induction, feeder and circuit lockouts and troubleshooting, clearance and grounding procedures, investigate distribution outages, transmission tool use, transmission bare-handing, transmission structures and circuit installation and phasing, and demonstrate knowledge of minimum working clearance distances.

2. Provide a summary description of training programs you provide your employees related to the National Electrical Safety Code for construction of electric transmission and distribution lines.

Lineman Training

El Paso Electric is registered as a credited sponsor with the U.S. Department of Labor Bureau of Apprenticeship and Training. This apprenticeship is a three-year / 7000-hour program. Each apprentice must complete 2000 hours of on-the-job training per apprentice year and forty hours of instructor-led training, in addition to completing curriculum outlined in the previous question. On the job training programs are specific to train apprentices on construction standards including our Distribution Construction Standards Overhead (DSO), Distribution Construction Standards Underground (DSU), and Transmission Construction Standards Overhead (TSO), which are based on the National Electric Safety Code (NESC).

Designer and Engineer Training

On-the-job training in the use and application of the NESC is provided to designers and engineers. Every designer and engineer has access to the latest version of the NESC. EPE also provides employees with NESC training through outside consultants. The Transmission and Distribution Design Engineers are all provided training related to pole loading and moment calculations, maximum span, sag and tension calculations, wind displacement, strength factors, and application of safety factors. Each Distribution Design Engineer is provided access to the DSO and DSU while each Transmission Design Engineer is provided access to the TSO, all of which are based on the NESC requirements.

Affected Entity: El Paso Electric Company **PROJECT NO.** 50595

AFFIDAVIT

I swear or affirm that I have personal knowledge of the facts stated in this report or am relying on people with personal knowledge, that I am competent to testify to them, and that I have the authority to submit this report on behalf of the affected entity. I further swear or affirm that all statements made in this report are true, correct, and complete.

Signature

Omar Gallegos
Printed Name

Vice President - Transmission and Distribution
Job Title

El Paso Electric Company
Name of Affected Entity

Sworn and subscribed before me this 18 **day of** April 2022.
Month Year

Rebecca Roenfranz
Notary Public in and For the State of Texas.
My commission expires on 10/19/25.

REBECCA ROENFRANZ
My Notary ID # 133401068
Expires October 19, 2025