



TEG

DEVELOP TALENT. HONE SKILLS.

2020

LOSS CONTROL SCHOOLS BY SUBJECT

Digger Operator Training School

April 20–24, Gonzales
May 11–15, Merkel
June 15–19, Greenville
October 12–16, Livingston

This course covers digger inspection, digger operation, boom angles, weight limits, rigging, setting poles in energized lines, removing poles from energized lines and communication. This training does not cover new regulations on crane operation and safety certification by OSHA.

Hotline 1–4 School

April 20–24, Gonzales
May 11–15, Merkel
June 15–19, Greenville
September 14–18, Levelland
October 12–16, Livingston

Line Construction I—Rubber Gloving from Bucket This course is designed for employees at the apprentice level who have performed some rubber gloving from an aerial device on energized conductors. These students should have safely performed limited live line work from an aerial device with full supervision. Through this course, students gain extensive hands-on training and experience during training exercises with experienced craftsmen, who provide one-on-one training. After completing this course, students should be able to perform basic rubber-gloving techniques safely.

Line Construction II This course is designed for employees in an advanced stage of apprenticeship training who have at least a year of experience safely performing rubber gloving from an aerial device with full supervision. Students should also have experience performing live line work from an aerial device with full supervision, and should be able to perform live line work safely. Through this course, students gain extensive hands-on training and experience during training exercises with experienced craftsmen, who provide one-on-one training on three-phase construction. After completing this course, the students should be able to perform rubber-gloving techniques safely and plan hot work in a safe and proper work order.

Line Construction III This course is designed for experienced line technicians in all phases of overhead construction and work performance who deal with multiple hazards associated with overhead line work. Students gain extensive hands-on training and experience during the training exercises.

Line Construction IV This course is designed for experienced line technicians in all phases of overhead construction and work performance, work procedures, and dealing with SCADA, grounding and multi-task job performances. The students will get extensive hands-on training and experience during the training exercises.

Pole Climbing School—Basic

February 25–28, Robstown
March 31–April 3, Gonzales
June 2–5, Tahoka
October 6–9, Merkel
October 13–16, Bartlett

This course teaches how to identify and perform procedures necessary to safely ascend and descend a utility pole. This course is designed for employees in the electric utility, telecommunications or cable TV industries who are groundmen or apprentice linemen. Basic Pole Climbing is also recommended for employees who assist night crews.



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LOSS CONTROL COURSES CONTINUED

Pole Climbing School—Advanced

March 17–20, Gonzales
October 27–30, Kaufman

This course teaches how to identify and perform procedures necessary to safely ascend and descend a utility pole. It also teaches how to correctly position and work efficiently from the pole. This course is designed for employees in the electric utility, telecommunications or cable TV industries who are groundmen, apprentice linemen or have basic pole climbing skills. Advanced Pole Climbing is also recommended for employees who assist night crews. This course consists of classroom and field exercises.

Metering School

February 25–28, McGregor
April 14–17, Livingston
July 14–17, Tahoka
July 21–24, Gonzales
October 20–23, Merkel

This course teaches the fundamentals of electricity and electrical theory as it applies to electrical metering. Participants discuss AMI metering and gain the knowledge and skills required to safely design, construct, install and troubleshoot electrical metering systems, ranging from single-phase, self-contained installations to three-phase instrument metering installations. The course also covers AMR and primary metering operations. In this course, participants complete problem-solving exercises, hands-on meter connections and troubleshooting exercises through classroom and field instruction.

OSHA 30–Hour School

April 20–24, Georgetown
June 15–19, Crockett

The OSHA 30-hour General Industry program provides an in-depth look at OSHA's 1910 general industry regulations. This introductory course provides students with the knowledge needed to locate and apply OSHA safety and health standards, policies and procedures.

- Describe OSHA's process for handling violations, accidents and illnesses
- Identify general industry changes in regulations and standards
- Reduce record keeping time
- Develop effective programs, gain support and meet training requirements
- Use proactive safety audit tools to minimize accidents and injuries
- Assess level of compliance and improve areas of weakness.
- Save money by reducing accident-associated costs
- Plan for future growth by monitoring changes
- List resources for latest rules and regulations
- Understand the inspection procedure

Supervisor/Foreman Training

March 17–19, Tahoka
July 7–9, Dilley
September 15–17, Crockett

This three-day course is designed to prepare foremen and supervisors for the challenges of being an effective and successful leader. Participants will gain insight into what people respect in leaders. Among other topics, the course discusses: what management looks for in a leader, what subordinates expect, characteristics of effective leadership, responsibilities that come with leadership and the position, and current regulations in the electrical industry.

Regulator Recloser Capacitor School

January 21–24, Merkel
February 18–21, Tahoka
June 9–12, Livingston
August 18–21, McGregor
August 25–28, Gonzales

This course teaches electrical lineworkers the construction, operation and purpose of regulators, reclosers and capacitors, and introduces them to electronic sectionalizers and fusing procedures. Students learn how to safely install, bypass, remove and troubleshoot these devices, as well as how to restore service. The course also touches on how to use the devices' manual and electronic controls, and explains SCADA operation and the applicable mathematical equations.





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LOSS CONTROL COURSES CONTINUED

Transformer School

January 7–10, McGregor
February 4–7, Livingston
February 25–28, Gonzales
March 17–20, Merkel
April 14–17, Tahoka
April 21–24, Corinth
October 20–23, Robstown

This course covers the basic principles of electricity and applying Ohm's Law and the power formula through classroom instruction and hands-on experience. Students learn turns ratio, polarity, impedance, nameplate, induction, A/C current, Wye/Delta, fault current values, transformer fusing, transformer lightning protection, single-phase and three-phase connections, troubleshooting, and safe work procedures.

Troubleshooting School

January 21–24, Gonzales
May 5–8, McGregor
July 7–10, Merkel
July 28–31, Livingston
October 13–16, Tahoka

This course provides instruction on basic electricity, identifying and correcting line service complaints, identifying errors associated with customer equipment and services, identifying and using all personal protective equipment and cover-up when working on energized equipment, and identifying and understanding all systematic switching procedures to isolate faulted energized equipment and services on overhead and underground systems.

Underground School

May 18–22, Quitman
June 15–19, Gonzales
August 18–21, Levelland
September 21–25, McGregor

Underground Cable/Equipment Installation This course teaches how to properly install an underground system from the riser to the secondary installation. The class is designed for employees in the electric utility industry who install underground electric utilities. Students gain extensive hands-on experience during training exercises with experienced craftsmen, who provide one-on-one training. Students learn proper cable installation and preparation, and how to install single- and three-phase transformers, risers, secondary pedestals, elbows and splices.

Underground Troubleshooting and Fault Locating This course teaches how to safely and properly perform switching, grounding and fault-locating procedures, and locate cable routes in a safe manner. This class is designed for employees who are involved in the operation of an underground system. Through hands-on training exercises based on real-world situations, students learn the safest ways to troubleshoot, isolate and ground an underground electric installation.

Basic Electricity

May 12–13, Georgetown

This course covers the basic principles of electricity and applying Ohm's Law through classroom instruction. Students learn series and parallel circuits, turns ratio, polarity, impedance, nameplate, induction, A/C current, Wye/Delta, transformer fusing, transformer lightning protection, single-phase and three-phase connections, troubleshooting, and safe work procedures.

Groundman/Apprentice Essential Skills School

March 24–27, McGregor
September 22–25, Tahoka

This course provides an introduction to electrical theory; a basic overview of distribution system apparatuses and their function; proper voltage and rotation checks and use of a multimeter; the basics of pole framing and size and wire types and sizes; the fundamentals of personal protective equipment; instruction on knot tying and rope splicing; and information on hazards associated with energized electrical circuits.



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LOSS CONTROL INSTRUCTORS



Danny Williams
Manager of Loss Control

24 years of electrical line work, 35 years of safety and training



Phil Henricks
CLCP; Loss Control Specialist

27 years of electrical line work, 11 years of safety and training



Byron Varnadore
Loss Control Specialist

32 years of electrical line work, 6 years of safety and training



David Nance
CLCP; Loss Control Specialist

27 years of electrical line work, 22 years of safety and training



Wesley Caldwell
Loss Control Specialist

24 years of electrical line work, 15 years of safety and training



Curtis Whitt
CLCP; Loss Control Regional Supervisor

20 years of electrical line work, 18 years of safety and training



Ronnie Wiggins
CLCP; Loss Control Specialist

23 years of electrical line work, 14 years of safety and training



James Busby
Loss Control Regional Supervisor

30 years of electrical line work, 3 years of safety and training



Jaime Martinez
Loss Control Specialist

29 years of electrical line work



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