



TEEC

DEVELOP TALENT. HONE SKILLS.

2019

LOSS CONTROL SCHOOLS BY SUBJECT

Digger Operator Training School

April 22–26, Gonzales
May 13–17, Merkel
June 17–21, Greenville
October 14–18, 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.

Dispatcher Training School

April 23–26, Robstown

This course covers the basic duties and responsibilities required for system operators, including recordkeeping, public relations issues, outage restoration priorities, coordinating field personnel in an efficient manner during outages, reliability standards, May Day procedures, lock out/tag out procedures and emergency and underfrequency load shed. Training also covers utilizing outage management systems, three-way communication (as required by NERC Com 002-4 Operating Personnel Protocols) and switching protocols.

Hotline 1–4 School

April 22–26, Gonzales
May 13–17, Merkel
June 17–21, Greenville
September 16–20, Levelland
October 14–18, Livingston

Line Construction I—Rubber Gloving from Bucket This course is designed for apprentices who have performed some rubber gloving from an aerial device on energized conductors. These students should have had limited live line work from an aerial device with full supervision and should be able to safely perform live line with full supervision. The students receive extensive hands-on training and experience during the training exercises with an experienced craftsman providing one-on-one instruction. After completing this course, the students should be able to perform basic rubber-gloving techniques safely.

Line Construction II This course is designed for advanced apprentices who have one year or more of experience in rubber gloving from an aerial device with supervision. These students should have had live line work experience from an aerial device with full supervision and should be able to perform live line work safely. These students receive extensive hands-on training and experience during exercises with an experienced craftsman providing one-on-one instruction 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 dealing with multiple hazards associated with overhead line work. The students receive 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 multitask job performances. The students receive extensive hands-on training and experience during exercises.



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For more information on Loss Control schools,
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TEC 2019

LOSS CONTROL COURSES CONTINUED

Pole Climbing School—Basic

February 26–March 1, Dilley
April 2–5, Gonzales
May 21–24, Merkel
June 4–7, Tahoka
October 15–18, Bartlett

This course is designed for employees in the electric utility, telecommunications and cable TV industries. It's also recommended for employees who assist night crews. Employees need to have basic pole climbing skills. This school consists of classroom and field exercises. At the end of this course, participants should be able to identify and perform procedures necessary to ascend and descend a utility pole safely.

Pole Climbing School—Advanced

March 12–15, Gonzales
October 22–25, Kaufman

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, 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 26–March 1, McGregor
April 9–12, Livingston
July 9–12, Tahoka
July 23–26, Gonzales
October 22–25, Merkel

Upon successful completion of this course, participants demonstrate knowledge of basic electricity fundamentals and electric theory as it applies to electrical metering. The participants gain the knowledge and skills required to safely design, construct and install electrical metering installations ranging from single-phase, self-contained installations to three-phase, instrument-metering installations. The course also covers the procedures for troubleshooting the installations and all associated hazards and provides instruction on AMR and primary metering operations.

OSHA 30–Hour School

June 10–14, Dilley

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

OSHA 10–Hour School

June 26–27, Georgetown

This course covers OSHA policies, procedures and standards as well as general industry safety and health principles. Participants have the opportunity to ask questions about the OSHA standard and receive safety instruction on safety and health. Upon completion the course the participants will receive a certificate of completion from the Federal OSHA institute.

Supervisor/Foreman Training

February 12–14, Center
March 12–14, Tahoka
July 9–11, Dilley
September 10–12, Kaufman

This 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.



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LOSS CONTROL COURSES CONTINUED

Regulator Recloser Capacitor School

January 22–25, Merkel
February 19–22, Tahoka
June 11–14, Livingston
August 13–16, Gonzales
August 20–23, McGregor

This course is designed for electrical line workers. The students learn the construction, operation and purpose of regulators, reclosers and capacitors, and are introduced to electronic sectionalizers. The course provides limited training on electronic controls for these devices. Students learn troubleshooting techniques and how to restore service in a safe manner.

Transformer School

January 8–11, McGregor
February 5–8, Livingston
February 19–22, Gonzales
March 5–8, Merkel
April 9–12, Tahoka
April 23–26, Corinth
October 15–18, Robstown

This course covers basic principles of electricity and applying Ohm's Law, transformer construction, and design. Transformer operation instruction covers turns ratio, polarity, impedance, nameplate, induction, AC current, Wye/Delta, transformer fusing, transformer lightning protection, single-phase and three-phase connections, troubleshooting, and safe work procedures.

Troubleshooting School

January 15–18, Gonzales
May 7–10, McGregor
July 9–12, Merkel
July 30–August 2, Livingston
October 15–18, 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.

Underground School

May 20–24, Quitman
May 20–24, Gonzales
August 20–23, Levelland
September 23–27, McGregor

Underground Cable/Equipment Installation This course is designed for employees in the electric utility industry who install underground electric utilities. The students receive extensive hands-on experience during training exercises with an experienced craftsman providing one-on-one instruction. Proper cable installation and preparation are taught, and single-phase/three-phase transformers, risers, secondary pedestals, elbows and splices are installed during the course. After completing this course, students should be able to properly install an underground system from the riser to the secondary installation.

Underground Troubleshooting and Fault Locating This course is designed for students who are involved in the operation of an underground system. Hands-on, real-world situations are used during training exercises. Students learn the safest ways to troubleshoot, isolate and ground an underground electric installation. Experienced craftsmen teach proper switching, grounding and fault-locating procedures. Cable route location is also a topic in this course. After completing this course, students should be able to perform proper switching, grounding and fault-locating procedures, and locate cable routes in a safe manner.

Basic Electricity

April 16–17, Georgetown

This course is designed for employees in the electric utility industry to teach the basic fundamental principles of what electricity is and how it works.

Groundman/Apprentice Essential Skills School

May 21–24, Tahoka
September 24–27, Georgetown

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; instruction on knot tying and rope splicing; and 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, 34 years of safety and training



Phil Henricks
CLCP; Loss Control Specialist

27 years of electrical line work, 10 years of safety and training



Scott Corley
Loss Control Specialist

25 years of electrical line work, 2 years of safety and training



Byron Varnadore
Loss Control Specialist

32 years of electrical line work, 5 years of safety and training



David Nance
CLCP; Loss Control Specialist

27 years of electrical line work, 21 years of safety and training



Wesley Caldwell
Loss Control Specialist

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



Curtis Whitt
CLCP; Loss Control Regional Supervisor

20 years of electrical line work, 17 years of safety and training



Ronnie Wiggins
CLCP; Loss Control Specialist

23 years of electrical line work, 13 years of safety and training



James Busby
Loss Control Regional Supervisor

30 years of electrical line work, 2 years of safety and training

