



QUALIFICATIONS BRIEF

(Page 1 of 2)

THOMAS D. NORWOOD
Senior Safety Specialist

SUMMARY

Thomas has over 38 years experience in the Electrical Industry. His expertise includes the conducting of electrical safety on-site audits and developing site-specific policies and procedures. Responsible for training, development, and updating of OSHA Electrical Safety Regulations courses. Tom was responsible for coordinating completion of nationwide training for ITT Defense and Electronics and was a senior trainer for their safety program. Developed the Energized Work Program for the Dallas Area Rapid Transit Catenary System. This course is now used for catenary training throughout the US. Tom has performed numerous safety assessments and assisted facilities in determining arc energies, applicable work practices and necessary PPE for their employees.

EXPERIENCE

Present – 1996

AVO Training Institute, Inc. – Senior Safety Specialist

Development, marketing, and presentation of AVO Training Institute’s training programs in Electrical Safety for Industrial Facilities, Electrical Safety for Utilities, Low-Voltage Electrical Safety, Substation Maintenance I, II, and Seminar, Protective Relay Maintenance – Basic, Fiber Optic Splicing, Light Rail Energized Work Certification, Catenary Safety and Medium-Voltage Circuit Breaker Maintenance courses. Conducts electrical safety on-site audits of existing safety-related work practices and installed electrical equipment and develops site-specific policies and procedures. Coordinated completion of nationwide training for ITT Defense and Electronics and is senior trainer for their safety program. Conducted detailed audit for Fort Meade facilities and drafted comprehensive electrical safety-related work practices program for electricians and line personnel at Fort Meade. Developed Catenary Safety and Energized Work Program for Dallas Area Rapid Transit and Santa Clara Valley Transit Authority to be used to train their catenary lineman.

1996 – 1992

Small Business Owner

Responsible for operation and retail sales of privately-owned business.

1992 – 1968

TU Electric – Supervisor of Telecommunication Operations

Primary responsibilities included supervising the monitoring of fiber optic, analog and digital microwave, and Timeplex systems. Also performing diagnostics on all systems and initiating maintenance actions.

QUALIFICATIONS BRIEF (CONT)

(Page 2 of 2)

EXPERIENCE (CONT)

Texas Power and Light – System Operator

Ensure adequate power availability to the system by scheduling generating units on or off or buying and selling power. Ran interactive load flow studies to identify possible problem areas on the system. Developed and taught emergency black-start procedures.

Texas Power and Light – Supervisor of Transmission Dispatchers

Supervised and performed all duties of the Transmission Dispatcher. Also developed and implemented training.

Texas Power and Light – Transmission Dispatcher

Analyzed and isolated electrical and system problems in the transmission power grid using appropriate, lock-out/tagout procedures for repairs and maintenance. Coordinated scheduled maintenance to ensure continued operation of the system. Monitored system performance.

Texas Power and Light – Substationman

Performed maintenance on and installed all types of equipment used by the utility industry, including relays and energized work on overhead lines. Also involved in barehand work on 138 kV and 345 kV overhead lines.

EDUCATION AND PROFESSIONAL

1997 – OSHA Course 501 “A Guide to Voluntary Compliance in Safety and Health”
“General Industry Outreach Program Instructor” for the 10- and 30-hour sessions.

1980 – Electronics Engineering
University of Texas at Arlington
20 hours toward Bachelor of Science

1971 – Electronics
Tyler Junior College
Associates Degree in Applied Engineering

Member of International Association of Electrical Inspectors (IAEI)

Member of Institute of Electrical and Electronics Engineers (IEEE)

Member of National Fire Protection Association (NFPA)

Alternate member of the Technical Committee on “Electrical Safety in the Workplace”
(NFPA 70E 2004 and 2008 Editions)

The Fiber Optic Association, Inc. (FOA) – Certified for Technician