



**TRAINING INSTITUTE, INC.**  
**ELECTRICAL ENGINEERING DIVISION**  
Registered Engineering Firm in the State of Texas #F-006122  
1-877-594-3156 • www.avoeedivision.com

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## QUALIFICATIONS BRIEF

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**JOHN F. DUNHAM (JACK)**  
**Senior Consultant**

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### SUMMARY

Jack has over 45 years experience in the Electrical Utility Industry where he specialized in Electrical Safety, Cable Splicing, and Cable Fault Location and Analysis. He has been involved as an instructor for the AVO Training Institute for the last 10 years.

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### EXPERIENCE

#### **Present – 1994**

##### **AVO Electrical Engineering Division – Senior Consultant**

Development, marketing, and presentation of the AVO Training Institute's training programs in Electrical Safety for Utilities, Cable Splicing and Testing of Medium Voltage Cables, Cable Testing and Fault Locating, NFPA 70 E, OSHA Electrical Safety-Related Work Practices, Electrical Safety for Non-Electrical Personnel, and Circuit Breaker Maintenance – Medium-Voltage.

#### **12/1994 – 3/1994**

##### **Distribution Engineering Department**

Long-term planning and evaluation of Delmarva's underground electrical system.  
Corporate Confined Space Compliance Coordinator.

#### **3/1994 – 4/1978**

##### **Cable Department – Supervisor**

Responsible for underground transmission and distribution – Northern Division.

Developed procedures and methods for compliance with OSHA and NESC regulations.

Transmission and Distribution Department Training Coordinator for Chemical Awareness, Asbestos Removal, and Trenching/Shoring.

Fault Locating Instructor – Lineman Training Program.

Equipment and vehicle design for U.G. Electric Applications.

Instructor – Customer/Contractor Seminars to improve preventive maintenance programs.

## **QUALIFICATIONS BRIEF (CONT)**

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### **EXPERIENCE (CONT)**

**4/1978 – 3/1974**

#### **Cable Department – Foreman**

Supervised crews installing and maintaining industrial, commercial, and residential underground power systems including Delmarva's distribution network.

High voltage testing and fault locating of primary and secondary cable.

Supervised installation of first Delmarva Power 138 KV solid dielectric cable.

**3/1974 – 4/1965**

#### **Cable Department**

Progression from Apprentice to Journeyman Cable Splicer. Qualified to splice and terminate solid dielectric and paper/lead cable including 69KV low pressure oil filled submarine cable.

**4/1965 – 3/1959**

#### **Overhead Line and Street Lighting Departments**

Qualified to climb poles and structures.

#### **PRESENTATIONS:**

“Installation of 138 KV Solid Dielectric Cable” Southeast Electric Utilities Conference, New Orleans, LA, June 1993.

#### **ADDENDUM:**

Versed in all aspects of OSHA and NESC rules and regulations pertaining to overhead and underground line work.

Instructor – American Marine Training – Captain License Courses.

100 Ton USCG Captains License.

### **EDUCATION AND PROFESSIONAL**

9/1952 – 6/1956

Salesianum High School

9/1956 – 1/1958

University of Delaware – Business Major

1/1958 – Present

Courses and seminars including (but not limited to) Industrial Relations, Electrical Safety, Psychology, Cable Fault Locating, Cable Fault Analysis.