

NORTHEAST PUBLIC POWER ASSOCIATION

# INTRODUCTION TO ELECTRICAL HAZARDS & SAFETY TRAINING

MAY 23 – 25, 2023



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# INTRODUCTION TO ELECTRICAL HAZARDS & SAFETY TRAINING

## MAY 23 – 25, 2023



NEPPA is pleased to continue to offer the **Introduction to Electrical Hazards & Safety Training** course being held **May 23 - 25, 2023** at the **NEPPA Training Center** (200 New Estate Road, Littleton, MA 01460).

Introduction to Electrical Hazards & Safety Training is designed for new hires in the electric and telecommunications industries. This is also great for anyone who needs to make-up training. Participants may elect to attend one, two or all three days of the program.

Topics covered in this program meet the introductory standards required to enter these industries. Over the course of their employment, participants will require further training for each work duty and responsibility.

**NOTE:** In addition to the topics covered in this program, each employer is responsible for the site-specific training of any new hire or employee. See Employer Responsibilities below.

Upon successful completion of each day of the program, students are awarded a Certificate of Completion.

## WHO SHOULD ATTEND

This course is designed for:

- Any New Hire in Electric or Telecommunications Industries
- New Lineworkers
- New or Existing Telecommunications Technicians
- New Substation or Meter Technicians
- New Operations Personnel
- New Office Personnel (Days 1)

## TESTING & DEMONSTRATIONS

Final Exam (25 Questions)

All participants are required to demonstrate and perform a pole top, bucket and enclosed/confined space rescue.

**NOTE:** Only individuals qualified to climb will perform a pole top rescue.

## EMPLOYER RESPONSIBILITIES

While this program provides awareness and general safety training required for and to begin employment, the employer is still responsible for providing tools, equipment, and site-specific training for each employee. Employer-specific training includes but is not limited to site-specific Safety Data Sheets, written emergency action plans, tool-specific training, use of job-specific PPE including harnesses, bucket trucks and/or rescue equipment, etc.

**NOTE: Only qualified employees may work on or with exposed energized lines or parts of equipment.**



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### TOPICS COVERED

#### Hazardous Communications

**NOTE:** Employer must provide site-specific training.

#### Bloodborne Pathogens

#### Emergency Action & Evacuation Plans

**NOTE:** Employer must provide site-specific training.

#### Fire Protection

#### Tools & Equipment:

- General Inspection
- Condition Evaluation
- Care of Tools

**NOTE:** Employer must provide site-specific training.

#### Personal Protective Equipment (PPE)

- General Inspection
- Condition Evaluation
- Don & Doffing PPE

**NOTE:** Employer must provide site-specific training.

#### Fall Protection (including ladders)

**NOTE:** Employer must provide site-specific training including specific harnesses.

#### Work Zone Protection (i.e.MUTCD) for Utility Workers

#### Pole Top/Bucket Rescue (incl. rescue procedure)

**NOTE:** Employer must provide truck-specific training on operations and controls of their equipment.

#### Enclosed/Confined Space Rescue (incl. rescue procedure)

**NOTE:** Employer must provide equipment-specific training.

#### Electrical Hazard Awareness

**NOTE: Only qualified employees may work on or with exposed energized lines or parts of equipment.**

- Recognition of electrical hazards
- Skills & Techniques to control or avoid hazards
- Minimum Approach Distances and corresponding voltages
- Skills & Techniques to distinguish exposed live parts from other parts of electric equipment

### AGENDA

*Agenda details are subject to change.*

#### Day 1

8:00 am	Welcome & Introductions
8:30 am	Module 1: Hazardous Communications
9:30 am	Break
9:45 am	Module 2: Emergency Action & Evacuations Plans, Incl. Fire Extinguisher
10:45 am	Break
11:00 am	Module 3: Tools & Equipment
11:30 am	Lunch
12:00 pm	Module 3: Tools & Equipment (cont.)
12:30 pm	Module 4: Personal Protective Equipment
1:30 pm	Module 5: Fall Protection
2:30 pm	Adjourn

#### Day 2

8:00 am	Module 6: Electrical Hazard Awareness
9:00 am	Break
9:15 am	Module 6: Electrical Hazard Awareness (cont.)
10:15 am	Break
10:30 am	Module 7: Work Zone Protection
11:30 am	Lunch
12:00 pm	Module 8: Pole Top & Bucket Rescue
1:00 pm	Module 9: Enclosed/Confined Space Rescue
2:30 pm	Adjourn

#### Day 3

8:00 am – 2:30 pm	Medic First Aid/CPR/AED (breaks in between)
11:30 am	Lunch
2:30 pm	Adjourn

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## INSTRUCTOR



Dan Flynn

### Certified First Aid/CPR/AED Instructor

Dan Flynn has been a safety trainer with Northeast Public Power Association, since September 2018 after retiring from Wakefield Municipal Gas and Light Dept with more than a 40-year career in public power.

Dan started in the electric meter department in the 1970's and worked his way through the electric line department as a lineman/line foremen and his last position as the electric department superintendent. Some of Dan's responsibilities covered construction, maintenance, and safety of the electric line division. Dan continues to maintain his 1B/2A Mass. hoisting license and a Mass. Class A Driving license.

Dan lives with his wife Alayne of 39 years, and they have two adult children and one grandchild.

He says, "It is a privilege to continue to be involved with the public power industry in New England to give back any knowledge I've acquired over these many years."