



600 amp Equipment Training

+ 24.9 KV Work Practices



April 29 - May 1, 2019
Hartford

This seminar and workshop provides an opportunity to review and terminate 200 amp elbows and a in-line splice using the proper stripping tools, as instructed by a factory representative. Participants will also review 600 amp equipment and have hands-on opportunities to terminate and install a 600 amp rated splice and an elbow. The training will also include in-the-field work related to operating 24.9 KV / 600 amp system. Field activities will include, but not be limited to, working clearances, switching procedures, grounding processes, with an emphasis on safe work practices.

Who should attend:

Operations managers, superintendents, engineering leaders, foremen, lineworkers, equipment operators, warehouse personnel and groundmen

Location

Hartford Electric

620 W. Sumner Street
Hartford, Wis.

Register online at meuw.org

Deadline: April 26

\$325 for MEUW members

\$350 for non-MEUW members

Fee is all-inclusive for three-day workshop

Cancellations are subject to MEUW Policy

Hands-on Field Activity Stations

Cable Construction and Tips

This station will discuss the basics of UD wire construction and the basics to help improve the life of the UD primary cable. High stress failure points in common cable construction. What is the importance of semi-con? What issues do air voids in cable cause? Why should I really follow the manufacturer's instructions and be specific with my cut-backs? Cable prep and handling and associated accessories (i.e. terminators and splices)

Show and Tell of 600/200 Amp Rubber Goods

This session will showcase and demonstrate any facet of 600/200 rubber goods. Proper safe handling procedures, clearances, and

How Does 600 Amp Switchgear Operate?

Switchgear designs which are designed for the visible open work procedure at 600 amp will be available for hands-on operation. This is a newer product that is just getting introduced. It was specifically created to meet the visible open requirements.

Introduce and Explain How to Safely Handle 24.9 KV in an Underground System

This session will explain how to safely handle 24,900 volt underground cables, explain required clearances, required safety equipment, danger awareness, and flashover prevention.

Registration and networking begins at 9:15 a.m.

WORKSHOP DAY 1

Monday, April 29 – 10:00 a.m. – 4:30 p.m.

- Cable Construction and Tips
Eric Thoreson, Okonite
- Tools of the Trade for Underground Cable Prep
Rick Berry, Speed Systems
- Lecture and Hands-on: Show and Tell of 600/200 amp Fundamentals and Rubber Goods
Bill Amelse, Primus Marketing



WORKSHOP DAY 2

Tuesday, April 30 – 8:00 a.m. – 4:30 p.m.

Continental breakfast and networking begins at 7:15 a.m.

- Lecture and Hands-on: How Does 600 Amp Switchgear Operate?
- Stripping 600 amp UD Cable
- Terminate and Install 600 amp Elbow
- Terminate and Install 600 amp Splice
Ted Briggs, American Power and Communications Group
- Introduce and Explain How to Safely Handle 24.9 KV in an Underground System
Hartford Electric Line Crew
- Q & A of 24.9 KV in an Underground System and/or 600 amp systems
– What is a “posi-break”?
- Hands-on Field Activities

WORKSHOP DAY 3

Wednesday, May 1 – 8:00 a.m. – 11:45 a.m.

Continental breakfast and networking begins at 7:15 a.m.

- Hands-on Field Activities (continued)
- Review and evaluations



Attendees should bring the following materials to the workshop:

- Hardhat
- Safety Glasses
- Arc-Rated Clothing, per weather conditions
- Rubber Gloves
- Rubber Sleeves
- Work Gloves

Special thanks to the line crew at Hartford Electric for sharing their facilities and their expertise to make this training possible.

Participation is open to all electric workers – municipal, cooperative and investor-owned

Workshop presented by

MEUW

Municipal Electric
Utilities of Wisconsin

Questions?

Call MEUW at (608) 837-2263