

Arc Flash Hazards and Arc Rated Clothing

(A Ninety-Minute Live Web Seminar)

Class Schedule

Arc Flash Hazards and Arc Rated Clothing

- What is Arc Flash?
- Causes of Arc Flash
- Standards and Codes with Arc Flash Requirements
 - National Electrical Safety Code (NESC)
 - OSHA 1910.269 and 1926 Subpart V
 - NFPA 70E
 - ASTM F1506
 - IEEE 1584
- Which Standard do Utilities Follow?
- National Electrical Safety Code (NESC)
 - Rule 410A3
 - Exceptions
 - NESC Tables
- OSHA 1910.269
 - Five Acceptable Methods Listed
- Primary Factors in Arc Flash Energy
 - Available Fault Current
 - Time
 - Distance
- What You Need to Perform an Arc Flash Study
- Example Calculations
- Clothing Options
- Summary of Various Methods of Determining Arc Rated Clothing
- Summary and Recommendations

About the Seminar Series:

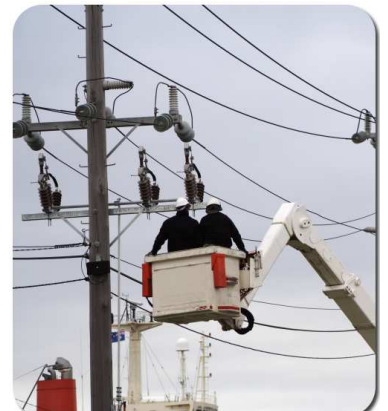
Arc Flash Hazards and Arc Rated Clothing covers the confusing and complex requirements electric utilities face when dealing with the latest NESC®, OSHA, and NFPA requirements to perform an arc hazard analysis and provide proper arc rated clothing for the safety of utility workers. The seminar addresses Arc Flash calculations for various electric utility applications, including substation work and switching, transmission and distribution work and switching, and low voltage (secondary) work. The presentation contains examples and practical applications to aid the understanding of the new requirements.

About the Instructor:

This course has been prepared under the direction of David J. Marne, P.E. Dave is the author of *McGraw-Hill's NESC® 2007 Handbook*. The class will be presented by David Marne, P.E. or Grant Glaus, P.E. Both gentlemen have experience with NESC® code applications, transmission design, distribution design, substation design, joint use power and communication design, and system planning.



Do linemen need to wear this?



Find out how you can meet the January 1, 2009 deadline for arc flash hazards and clothing.

CONTINUING EDUCATION UNITS

This seminar provides 0.15 Continuing Education Units (CEUs) or 1.5 Professional Development Hours (PDHs).



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