



Free Services to Engineers, Electrical Contractors & Inspection Associations.

- > UL Tests 2556 – Describe the various wire & cable tests
- > Flame Tests – Describe the various flames tests for wire & cable
- > Perform SAG-Tension Calculations
- > Perform Voltage Drop Calculations
- > Raceway Fill Calculations
- > Cable Pulling Calculations
- > Analysis of Copper to Aluminum Conversions
- > Describe the values and differences of Plenum Rated and Riser Rated products
- > Describing the various Stranding Types and Configurations
- > Calculating Maximum Pulling Tension
- > Calculating Maximum Bending Radius
- > Megohm meter – Long Term Insulation Test vs Field Test
- > Guide to uses and understandings of Thermoplastic vs Thermoset Wire
- > NM-B: Temperature Rating vs Ampacity Limitation Guidance
- > NFPA 70 – 310.15(B)(2) and (B)(3) Ampacity Adjustment Factor Assistance
- > Expert National Electrical Code Interpretations
- > Conductor Analysis Data – Reactance, Inductance, and Capacitance
- > Wire and Cable Engineering Specification Analysis
- > Inspector, Contractor and Engineer Mediation (Code Conflicts)
- > Wire and Cable Selection Assistance



FREE
“LUNCH & LEARN”
COURSES
AVAILABLE TO
ENGINEERING FIRMS

COURSES MAY QUALIFY FOR
CEU/PDU EDUCATION CREDITS!

- > NEC 2014 Top 12 National Electrical Code Updates – *1 hour*
- > Grounding and Bonding – Simplified – *1 hour*
- > Encore Wire Product and NEC Compliance Presentation – *1 hour*
- > Understanding the differences between Type AC and MC Cable – *1 hour*
- > NEC Adjustments and Corrections – Demystified – *1 hour*
- > Wire and Cable Essentials – *1 hour*
- > Understanding Thermoplastic and Thermoset Insulations – *1 hour*
- > Wire and Cable 101 – Product Hands on Workshop - *1-2 hours*



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