

# Medium Voltage

## Technical Conference

### [PILC Cable Accessory Technology:](#)

A technical presentation on the material science of PILC cables and a discussion of the 3M Oil Stop Method for adapting the cables for use with standard polymeric splice and termination products.

### [Termination Design & Methodology:](#)

A technical presentation about the design of modern polymeric medium voltage terminations. The discussion includes the subject of plotting and controlling the electric field distribution.

### [Termination Workshop:](#)

A hands-on workshop for installing 3M Cold Shrink Quick Term III Terminations. The discussion includes the subject of plotting and controlling the electric field distribution.

### [Splicing Design & Methodology:](#)

A technical presentation about the design of modern polymeric medium voltage splices. The discussion includes the subject of plotting and controlling the electric field distribution.

### [Splicing Workshop:](#)

A hands-on workshop including the installation of a Cold Shrink Quick Splice III and a demonstration of a 3-conductor Quick Splice III installation.

### [High Voltage Testing:](#)

A presentation about the laboratory design testing required for developing medium and high voltage cable accessories. An interactive discussion about field testing (hipotting will be included).

### [Cable Preparation:](#)

A hands-on cable preparation workshop including a discussion of the dos and don'ts of preparing medium voltage cables for splicing and terminating.

2009

April 6-9

**3M** Austin Center

Please contact your sales representative or **Rosa R. Espiricueta** at 512-984-7769 or E-mail [rrespircueta@mmm.com](mailto:rrespircueta@mmm.com) to make your reservation



# 3M Industrial Seminar

Date: April 6-9, 2009

## Conference Agenda

### Monday Evening

- Reception

### Tuesday

- Material Science & Accessories
- Lab Tours
  - High Voltage
  - Environmental
  - Tape Testing
  - Material Compounding
- Breakout Sessions
  - Product Performance
  - Tape
  - Low Voltage Splicing/Environmental Sealing

### Wednesday

- Splices
- Breakout Sessions
  - PILC Cable Accessory Technology
  - High Voltage Accessories
  - Cable Preparation
  - Splicing Design & Methodology
  - Termination Workshop
  - Splicing Workshop

### Thursday

- Breakout Sessions – continued
- Return To Airport - Noon

## Sessions

### Material Science & Accessories

A technical presentation about the special materials and chemistry involved in the design of 3M splices and terminations. Cold shrink and heat shrink materials are discussed.

### High Voltage Tour:

A tour of the High Voltage Lab which is uniquely located within the confines of the Product Development Lab.

### Environmental Lab:

A special termination lab with facilities for studying contamination and environmental effects on termination performance.

### Tape Testing Tour:

A tour of the tape testing facilities focusing on the specialized equipment used for developing tape products.

### Material Compounding:

A tour, discussion and demonstration with the EPDM compounding process used as an example

### Splices:

A discussion about the design and application of medium voltage splices with a focus on the 3M Cold Shrink Quick Splice III.

**3M** *Innovation*