33 KV Jointing Course

Objectives

At the end of the course the delegate will be able to:

- Identify and work with the new materials and additional tools
- Work to a high standard using Heatshrink Jointing Techniques on XLPE three-core cable & 3 core P.I.L.C.S.W.A. cable, also single core XLPE cable

Content

The delegate will have practical hands-on experience in:

- Make off Transitional Straight Joint Three single-core XLPE Cables
- To Three-core XLPE Cable using Heatshrink Jointing Kit
- Make off Trifurcating Joint Three Single Core XLPE Cables
- To a Three-core P.I.L.C.S.W.A. Cable using Heatshrink Jointing Kit
- Make off Three-core P.I.L.C.S.W.A. to Three-core P.I.L.C.S.W.A.
- Straight Joint using Heatshrink Jointing Kit
- Make off Transitional Single Core Straight Joint
- Make off Single Core XLPE Straight Joint
- Make off Single Core XLPE Branch Joint
- Make off Single Core XLPE End Joint
- Make off Outdoor Termination Single Core XLPE Cable
- Make off Indoor Termination Single Core XLPE Cable
- Make off Indoor Elastomeric Transformer Termination on Single
- Core XLPE Cable (400 Series Bolted Tee connectors)

Audience

This course is aimed at experienced 11KV jointers.

Maximum numbers

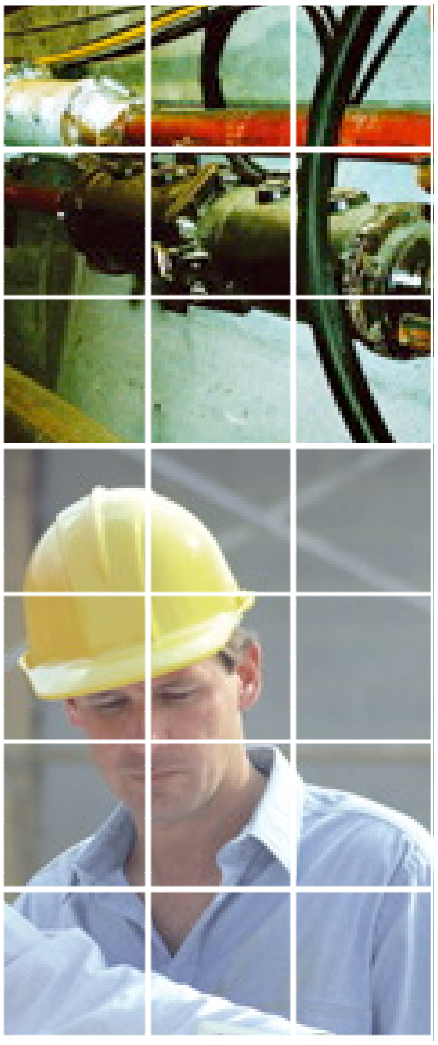
8 delegates.

Duration

10 days.

Venue

Empower Training Services Ltd, Nottingham.



11KV XLPE (Triplex) jointing

Objectives

XLPE JOINTING: to be able to carry out all jointing tasks using XLPE (triplex) cable and be able to connect XLPE to PICAS & PILCSWA cables. An upgrade for 11KV jointers.

Content

- PICAS to three single cores XLPE straight/ transitional joint using mechanical connectors & heatshrink tubing
- 3 single core XLPE cables breached into a PICAS cable using mechanical connectors & heatshrink tubing
- XLPE single core straight joint, Mechanical connectors + heatshrink tubing
- XLPE single core branch joint using mechanical connectors + heatshrink tubing
- XLPE end joint using heatshrink tubing
- Termination of XLPE into switchgear using mechanical connectors + heatshrink tubing
- Termination of XLPE outdoor using mechanical connectors + heatshrink tubing
- How to use a spiking gun and correct cartridge selection

Note: All Joints will be TYCO/Raychem Heatshrink Materials using manufacturers Specifications and Jointing Instructions (unless otherwise agreed).

Audience

This course would benefit delegates that are likely to be involved in the connection of XLPE joints. A previous knowledge of working with 11KV paper insulated cables would be an advantage.

Maximum numbers

8 delegates.

Duration

5 days.

Venue

Empower Training Services Ltd, Nottingham.