



HV4 – 11KV Polymeric XLPE and EPR Straight Jointing Course

Course Code: CJCHV4

Introduction

This course is designed for existing crafts persons who have previous cable jointing experience for 11KV 3 Core End Terminations.

By the end of this course delegates will be able to:

Understand and demonstrate personal safety including the basics of on-site safety requirements, hand tools, resins and personal hygiene

Identify a polymeric cable

Identify a triplex cable

Explain and understand which safety documents jointers need to understand

Demonstrate they can use a cable spiking tool

Demonstrate sheath removal, screen stripping, insulation and earth wire preparation and presenting smooth cores ready for jointing

Demonstrate they can complete a straight joint using heat shrink jointing methodology

MATERIALS

Candidates are required to provide the necessary materials for all cable jointing courses.

We will issue a materials list for candidates.

Alternatively we can provide materials for customers at an extra cost.

Content

- * Safety documents
- * On site risk assessments
- * Identification of HV cables
- * Types of 11kV cables



- * Specialist tools
- * Spiking Gun
- * Practical Work

Aim

At the end of this course delegates will be able to demonstrate:

- * An ability to complete SWA Joints using Heat shrink materials

At the end of this course delegates will understand:

- * Skills required to work on HV cables
- * Effects of electrical stresses in High Voltage cables

Participants

Those who will be required to make Terminations for the preparation and commissioning of package substations or substations or switchrooms.

Certification

Candidates will be issued with a Certificate of Attendance and Report to provide evidence towards competency

Speak to a course advisor

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