



# HV1 – 11KV Triplex End Termination Course

Course Code: CJCHV1

## Introduction

This course is designed for existing crafts persons such as a low voltage cable jointer, fitter or apprentice working towards High Voltage Jointing Competency.

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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, and personal hygiene

Identify HV Polymeric Cable.

Identify HV Triplex Cable

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

Demonstrate they can complete a 185mm<sup>2</sup> single core 11kV polymeric End Box Terminations

Demonstrate they can complete an 11kV 185mm<sup>2</sup> single core separable connector Termination

## 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.

This course is an Endorsed Training Programme of:

## 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 11KV Triplex terminations 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 who are successful will be issued with a Certificate of Competence and Report to provide evidence towards competency.

Speak to a course advisor

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