

# Craft Attendant Course – Cable Jointers Mates Course

Course Code: CJCIMATE

## Introduction

Attend this JM1 - Jointers Mate course if you would like to learn and develop your skills to assist cable jointers by becoming an assistant cable jointer / jointers mate.

Whether you're a beginner or have some experience, this course will help to improve your skills.

The course is designed to progress candidates to become competent mates for cable jointers

## MATERIALS

All jointing materials including cable for this course are included.

This course is an Endorsed Training Programme of:

## Content

- \* Introduction to basic electrical formula i.e.  $V=IR$  and transposition  $I= V/ R$  and  $R=V/I$
- \* Regulations, policies and procedures
- \* Need for PPE
- \* Construction of different types of cable
- \* Cable Preparation for low voltage cables
- \* Cable Preparation for high voltage 11kv cables
- \* Termination of a single phase cut out
- \* Termination of a three phase cut out
- \* Tests at the low voltage service position i.e. phase rotation observation, polarity, voltage and earth loop impedance measurement to assist the cable jointer
- \* Insulated tools and equipment
- \* Safe use and care of Liquid Petroleum Gas Equipment



- \* Abrasion of sheaths
- \* Fit Joint Shells
- \* Mix and Pour Resin Safely

## Aim

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

- \* Preparation of XLPE, PVC and awareness of Paper Insulated Lead Cable (only if example pilc cable sourced by sponsor / candidate)
- \* Preparation of jointing materials
- \* Preparation of cut outs - single phase and three phase
- \* Correct and safe working practices and procedures
- \* Correct use of tools

At the end of this course delegates will understand:

- \* Regulations, Policies and Procedures relevant to jointing
- \* Safe use and care of LPG equipment
- \* Cable construction

## Participants

Apprentices, excavators, internal and external delegates who work well within a team environment and have basic training in First Aid and Manual Handling

## Certification

Delegates will be issued with a Certificate of Attendance and EUSR Identification Card

Speak to a course advisor



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