

UETDRDU021 Joint, terminate and maintain high voltage underground polymeric cable 33kV and above



Aim

This five-day course will provide participants with the skills and knowledge to joint and terminate high voltage de-energised underground polymeric cable above 33kV in accordance with industry requirements.

Recommended For

Individuals responsible for jointing and terminating high voltage de-energised underground polymeric cable above 33kV.

Entry Requirements

Individuals must hold a Certificate III in ESI - Distribution Underground, Certificate III in Electrotechnology Electrician, Certificate III in Electrical Fitting or Electrical Engineering qualification.

Relationship to Training Package

The course aligns to the core unit UETDRDU021 Joint, terminate, and maintain high voltage underground polymeric cable 33kV and above, from the Certificate III in ESI - Distribution Underground (Cable Jointing) qualification in the UET Transmission, Distribution and Rail Sector Training Package.

Details

Code: UETDRDU021

Duration: 5 days

Course No: Minimum 4 participants up to maximum 6 participants

Fee: Contact ESS. Fee includes printed training material, all jointing and terminating material, tools, and equipment.

Payment: Client will be invoiced as per Energy Skills Solutions invoicing process. Payment as per Energy Skills Solutions terms of payment.

Dress: Minimum personal protective clothing and equipment for the course includes:

- Long sleeve shirt and long trousers
- Safety helmet
- Safety glasses
- Safety footwear

Objectives

On successful completion of this course, participants will be able to:

- Explain regulatory, industry and network operator requirements associated with underground de-energised high voltage polymeric cable jointing and termination.
- Identify hazards and hazard control measures associated with underground de-energised high voltage polymeric cable jointing and termination.
- Identify and describe equipment, tools and materials used for underground de-energised high voltage polymeric cable jointing and termination.
- Describe preparation procedures for underground de-energised high voltage polymeric cable jointing and termination.
- Demonstrate the installation and maintenance of de-energised high voltage underground polymeric cable.

Content

- Regulatory, industry and network operator requirements.
- Hazards, job planning and risk assessment.
- Cable construction, characteristics, and properties.
- Equipment, tools, and materials.
- Jointing and terminating procedures.
- Testing procedures.

Delivery

The course is conducted face-to-face in a training workshop environment.

Learning activities are included in the course to ensure knowledge and skills can be safely applied to workplace situations.

The importance of safety is emphasised throughout the course.

Assessment

A knowledge assessment and task assessments are included in the course.

Participants are issued an on-the-job workbook at the completion of the course.

The workbook is used to collect and present evidence for assessment. The completed workbook is submitted to Energy Skills Solutions for assessment and sign off.

Participants will need to achieve both the off the job training and on-the-job assessment and pre-requisite requirements to successfully complete the course.

Certification

The course is nationally recognised.

A Statement of Attainment is issued after the participant has successfully completed both the off the job and the on-the-job components of the course, and any prerequisite unit requirements.

Note: The prerequisite units UETDREL005 Work safely in the vicinity of live electrical apparatus and UETDRDU013 Joint, terminate, and maintain high voltage underground polymeric cable will need to be met for those holding a Certificate III in Electrotechnology Electrician, Certificate III in Electrical Fitting or Electrical Engineering qualification before a Statement of Attainment for UETDRDU021 is issued.

For more information on our services and products, contact:

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