UETTDRIS59A Conduct high potential testing of power system underground power cables

Aim

This two-day course will provide participants with the skills and knowledge to test underground power cables using hi-potential testing methods and equipment.

Recommended For

Individuals who are required to conduct hi-potential testing for underground power cables.

Entry Requirements

Individuals must hold an electrical, cable jointer or electricity linesworker qualification.

Relationship to Training Package

The course aligns to the unit UETTDRIS59A Conduct high potential testing of power system underground power cables from the UET12 Transmission, Distribution and Rail Section Training Package.

Details

Code: UETTDRIS59A

Duration: 2 days

Course No: 8 participants

Fee: $850.00 per participant GST free

Fee includes printed course material.

Contact Energy Skills Solutions for a corporate fee (single client).

Payment: Clients will be invoiced prior to the course. Payment is required before the start of the course unless other arrangements have been agreed to by Energy Skills Solutions.

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

- Personal Protective Equipment
  - Long sleeve shirt and long trousers
  - Safety helmet
  - Safety glasses
  - Safety footwear

Objectives

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

- Explain regulatory, industry and network operator requirements for the hi-potential testing of underground power cables
- Identify hazards associated with the hi-potential testing of underground power cables
- Explain the safety requirements for the hi-potential testing of underground power cables
- Describe the characteristics and operation of hi-potential testing equipment
- Explain the principles and procedures for hi-potential testing
- Demonstrate the testing of underground power cables using hi-potential testing methods and equipment
- Analyse the results of hi-potential testing

Content

- Regulatory, industry and network operator requirements
- Hazards, job planning and risk assessment
- Safety requirements and procedures
- Testing equipment characteristics and operation
- Testing principles and procedures
- Analysing testing results

Delivery

The course is conducted face-to-face in a training room 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 assessment is 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 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.

Note: Any prerequisite unit requirements will also need to be met before a Statement of Attainment is issued.

For more information on our services and products, contact:

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