

Trade Test Assessment Cable Joiner (Power)

Practical Assessment - Low Voltage Cables

Instructions

- The assessment must be conducted in a controlled assessment location. This controlled assessment location can be on-site or in an environment that reflects the hazards and risks of a real time working environment. The assessment must be designed to meet the requirements of the Power Network Craftsperson Standard – Level 3
- The assessment must incorporate the use of specialised tools and techniques on an energised low voltage network or section of low voltage cable
- The technical assessor conducting the assessment must remain in visual contact with the candidate throughout the trade test assessment
- The technical assessor shall ask knowledge questions where competence is not confirmed through observation of natural performance and a record made of the event where relevant

Assessment Requirements

The assessment activity must take a holistic approach and assess a broad range of the skills, knowledge and behaviours developed over the period of the apprenticeship and must in all cases assess the candidate's ability to:

1. Use verbal and written communication methods to plan and organise the range of resources required to carry out low voltage jointing work, including the materials, tools and equipment
2. Take responsibility for the communication, implementation and monitoring of all safety arrangements required by the activity
3. Carry out live jointing techniques of both mains and service cables including XLPE and mains Consac or PILC cables which are complex in nature
4. Carry out low voltage electrical testing procedures and interpret the results gained
5. Maintain a safe working environment throughout the duration of the activity

Evidence Requirements

- The assessment evidence for the competence assessed by the activity must be retained by the assessment provider for a minimum period of three years after the apprentice's trade test period
- Photographic evidence of the apprentice's work must be retained by the assessment provider for inspection for a minimum period of three years after the apprentice's trade test period