

Trade Test Assessment Overhead Lines Power Distribution

Practical Assessment – Distribution Wood Pole Requirements

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 manual wood pole access / egress equipment to work at height in positions in excess of 8 metres from ground level.
- 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 overhead line 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 all of the following:
 - a. The identification and implementation of safe access/egress procedures when working on wood pole overhead line plant and apparatus
 - b. The siting and setting of a wood pole structure and a wood pole stay anchor
 - c. The assembly and installation of overhead line steelwork, fittings and apparatus
 - d. The erection and termination of overhead line conductors at height
 - e. The connection of conductors using both tension and non-tension joints
4. Maintain a safe working environment throughout the duration of the activity

Additional Requirements for

Low Voltage Assessment

5. a. Use specialised tools, techniques and equipment to carry out testing and live work on energised low voltage overhead line conductors and interpret the results gained

High Voltage Assessment

5. b. Carry out the receipt, transfer and/or clearance of an operational safety document and maintain and comply with the apprentice's conditions and requirements.

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

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