

# Trade Test Assessment Overhead Lines High Voltage Steel Tower

## Practical Assessment – High Voltage Steel Tower 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 steel tower access/egress equipment to work at height in positions in excess of 10 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 high voltage steel tower 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 steel tower overhead line plant and apparatus
  - b) The application and removal of conductor earthing devices at height
  - c) The installation/replacement of steel tower fittings
  - d) The replacement of both suspension and tension insulators
  - e) Use equipment to install and test tension and non-tension joints
4. Maintain a safe working environment throughout the duration of the activity

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