



## Testing of connections to low voltage electricity networks - UETDRRF11

<b>Module purpose</b>	This unit provides the learner with the knowledge and skills to correctly carry out service and connection testing procedures for new or existing customer installations.
<b>For whom</b>	All personnel required to carry out servicing and connection testing procedures.
<b>Prerequisites</b>	Nil
<b>Summary of content</b>	<ul style="list-style-type: none"><li>• Servicing Safety Processes<ul style="list-style-type: none"><li>• Personal protective equipment</li><li>• Hazard Identification &amp; Risk Assessment</li></ul></li><li>• Servicing Test Processes<ul style="list-style-type: none"><li>• Testing for De-energised</li><li>• Establishing the Neutral Integrity Test Point Test</li><li>• Identifying and marking neutrals</li><li>• Continuity test to identify conductors when ID unknown</li><li>• Polarity, NST &amp; Check Testing</li><li>• Phase Sequence Testing Procedure</li><li>• Continuity &amp; Insulation resistance test</li><li>• Load Testing</li><li>• Identify and rectify faults</li></ul></li><li>• The Neutral and Supply Tester</li><li>• VESI Installation Supply Connection Tests &amp; Procedures</li><li>• Service height requirements according to asset regulations and company policy</li><li>• Customer notification and standard forms<ul style="list-style-type: none"><li>• Certificate of electrical safety</li><li>• Notice of installation defect</li><li>• Statement of isolation of Customers Low Voltage Supply (SILV)</li></ul></li></ul>
<b>Assessment</b>	Written and practical assessment demonstrating the skills and knowledge to complete the tasks allocated in the VESI Installation Supply and Connections Testing Procedures table 1 for the nominated role.
<b>Planned duration</b>	Training session: Initial: 8 hours Refresher 4 hours (Note: depending on additional requirements imposed by the VESI STRC Committee) Written Assessment: 30 minutes Practical Assessment: 45 minutes per participant Maximum of 8 participants.
<b>Frequency</b>	Annual Assessment / Refresher Training, or as industry requirements change.



NATIONALLY RECOGNISED  
TRAINING