

1. Title	Implement simple site investigations for the purpose of designing electrical installations
2. Code	EMELDE205A
3. Range	Understand the characteristics and constraints of the general electrical installation site locations and implement simple site investigations for the purpose of designing electrical installations.
4. Level	2
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Read and understand architectural floor plans of buildings</p> <ul style="list-style-type: none"> ◆ Read and understand simple construction drawings such as floor plans of buildings, framing diagrams, and opening layout diagrams ◆ Understand what to note for simple building plan drawings <p>6.2 Carry out simple site investigations</p> <ul style="list-style-type: none"> ◆ Use measuring instruments properly to measure soil resistivity, path for transporting electrical equipment, etc. ◆ Investigate initially the characteristics and constraints of the site location according to the design of electrical equipment or systems ◆ Investigate initially the characteristics and constraints of the site location, and compile a simple report to be used for the design of electrical installations
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to understand the scope of application of relevant building plan drawings;</p> <p>(ii) Capable to master the design of electrical equipment or systems and investigate initially the characteristics and constraints of the site location; and</p> <p>(iii) Capable to write simple site investigation reports for record.</p>
8. Remarks	