

1. Title	Use basic tools and instruments to inspect, test and commission neon installations
2. Code	EMELIT211A
3. Range	Use basic tools and testing instruments to inspect, test and commission simple neon installations at workshops or external worksites according to contract requirements and relevant codes of practice.
4. Level	2
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand the use of basic tools and testing instruments, the operating principles of neon installations, codes of practice and shop drawings</p> <ul style="list-style-type: none"> ◆ Understand the requirements on inspecting, testing and commissioning neon installations, including the requirements of the Code of Practice for the Electricity (Wiring) Regulations, the Guide on Advertisement Signs issued by the Buildings Department, client’s contracts and international standards ◆ Understand the use of basic tools and testing instruments ◆ Understand the operating principles of neon installations, relevant codes of practice, guidelines and shop drawings <p>6.2 Carry out inspection, testing and commissioning on neon installations</p> <ul style="list-style-type: none"> ◆ Carry out inspection, testing and commissioning on neon installations, including: <ul style="list-style-type: none"> • Inspecting the point of strength, torque and elements of lever mechanics of the neon installations to achieve the maximum security strength • Inspect and test wiring installation • Inspect and commission the air pressure and support of neon tube • Test control and safety circuit <p>6.3 Professionalism in inspecting, testing and commissioning neon installations</p> <ul style="list-style-type: none"> ◆ Follow the regulations and safety guidelines for the industry to ensure that neon installations can be used safely
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to understand various commissioning indicators for the inspection, testing and commissioning of neon installations; and</p> <p>(ii) Capable to use basic tools and testing instruments to inspect, test and commission neon installations.</p>
8. Remarks	