

1. Title	Install simple neon installations
2. Code	EMELIN212A
3. Range	Applicable to general neon installations inside and outside the buildings. Understand power equipment and installation arrangements, and use general neon materials and tools to carry out the installation of simple neon installations according to the details of installation drawings.
4. Level	2
5. Credit	4
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Know about the installation requirements, procedures, and application of tools and materials for neon installations, and the details of various kinds of drawings</p> <ul style="list-style-type: none"> ◆ Understand common electrical symbols for neon installations ◆ Understand various kinds of drawings of neon installations and their functions, such as system diagram, circuit diagrams, wiring diagrams, equipment layout diagrams ◆ Master the general installation requirements, power equipment installation arrangements and electrical work safety procedures for power supply systems of neon installations according to relevant chapters and sections of electricity regulations ◆ Understand the general installation requirements for neon installation structures, basic installation procedures and implementation plan for neon installations according to the Guide on Erection & Maintenance of Advertising Signs issued by the Building Department ◆ Understand the application of general neon materials and tools including: neon gas, neon tube materials, step-up transformers, neon gas injector, heating facilities, cables, conduits, trunking, protection devices, etc. <p>6.2 Carry out installation of simple neon installations according to the details of various kinds of installation diagrams and requirement details</p> <ul style="list-style-type: none"> ◆ Follow the details and requirements of installation diagrams for simple neon installations to work out: <ul style="list-style-type: none"> • Installation plan and schedule • List of materials required • List of tools required ◆ Carry out installation of simple neon installations according to the installation diagrams <p>6.3 Professionalism in installing neon installations</p> <ul style="list-style-type: none"> ◆ Ensure that the neon installations abide by the regulations and safety guidelines for the industry and can be used safely
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to use general neon materials and tools to carry out the installation of simple neon installations according to the details of installation diagrams and installation requirements.</p>
8. Remarks	