

1. Title	Master the details of drawings and lead the team to perform the assembly and bench fitting of major electrical and mechanical facilities
2. Code	EMELIN402A
3. Range	Applicable to the installation and bench fitting of major electrical and mechanical facilities. Master the details of drawings and lead the team to perform the assembly and bench fitting of major electrical and mechanical facilities.
4. Level	4
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand the assembly and bench fitting skills for electrical and mechanical facilities and the details of engineering drawings of various kinds of major electrical and mechanical facilities</p> <ul style="list-style-type: none"> ◆ Understand the techniques of bench fitting, adjustment, assembly and removal of various kinds of generating units, power units ◆ Understand bench fitting and assembling techniques for various kinds of high voltage and low voltage switchboards ◆ Understand the details of engineering drawings of various kinds of major electrical and mechanical facilities, including various kinds of circuit control diagrams, manufacturer's assembly diagram and design drawing and planning diagrams of plants and work sites <p>6.2 Lead the team to perform the assembly and bench fitting of electrical and mechanical facilities</p> <ul style="list-style-type: none"> ◆ Monitor and lead the working team to perform the assembly and bench fitting of electrical and mechanical facilities ◆ Assess the work progress and ensure that the engineering project quality meets the requirements of the tender specifications or project contract ◆ Ensure that the working methods of the staff meet occupational safety and health and environmental protection requirements <p>6.3 Professionalism in the installation and bench fitting of major electrical and mechanical facilities</p> <ul style="list-style-type: none"> ◆ Follow the regulations and safety guidelines for the industry to ensure that the installation and bench fitting of major electrical and mechanical facilities are performed safely and the facilities are safe to use

7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none">(i) Capable to master the assembly and bench fitting skills for electrical and mechanical facilities;(ii) Capable to master the details of engineering drawings of various types of major electrical and mechanical facilities; and(iii) Capable to lead the team to perform the assembly and bench fitting of electrical and mechanical facilities.
8. Remarks	