

1. Title	Acceptance test for plant equipment
2. Code	EMPEIT503A
3. Range	Acceptance test for plant equipment in general industrial plants, power plants or other places.
4. Level	5
5. Credits	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge related to specifications, standards and content of plant equipment</p> <ul style="list-style-type: none"> ◆ Understand the knowledge related to the specifications, standards and content of plant equipment such as <ul style="list-style-type: none"> • Boiler and its auxiliary equipment • Steam turbine and its auxiliary equipment • Gas turbine and its auxiliary equipment • Generator and its auxiliary equipment <p>6.2 Acceptance standards for plant equipment</p> <ul style="list-style-type: none"> ◆ Formulate acceptance standards for plant equipment such as <ul style="list-style-type: none"> • Boiler pressure vessels • Fuel equipment and system • Boiler performance test • Bulk material grinder • Bulk material conveying system • Boiler fan • Diesel engine • Generator unit and steam-powered equipment • Welding quality for boiler and pressure vessels <p>6.3 Professionalism in acceptance test for plant equipment</p> <ul style="list-style-type: none"> ◆ Follow the code of safety, practical guidelines and manufacturer’s explanatory information to test the plant equipment ◆ Implement plant acceptance test procedures by taking into consideration the actual situation
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to follow the code of safety, practical guidelines and manufacturer’s explanatory information to carry out acceptance test for plant equipment; and</p> <p>(ii) Capable to clearly interpret and explain the procedures and standards for plant equipment acceptance test .</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of electrical engineering and boiler and knows about the acceptance test standards for plant equipment.