

1. Title	Formulate fire system testing and commissioning plans
2. Code	EMFSIT501A
3. Range	As regards the testing and commissioning of fire systems and equipment, critically analyze, reorganize, evaluate and synthesize a wide range of information; and apply a wide range of technical and professional skills to formulate a fire system testing and commissioning plan.
4. Level	5
5. Credit	9
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Requirements for fire system testing and commissioning</p> <ul style="list-style-type: none"> ◆ Understand commonly-adopted standards and legal requirements for testing and commissioning of various types of fire systems ◆ Master the project schedule and the scope of testing and commissioning ◆ Understand procedures and methods of testing and commissioning various types of fire systems ◆ Understand the content and importance of the fire system testing and commissioning documents <p>6.2 Fire system testing and commissioning plan</p> <ul style="list-style-type: none"> ◆ Critically analyze, reorganize, evaluate and synthesize a wide range of information; and formulate a fire system testing and commissioning plan according to the project schedule. The plan includes: <ul style="list-style-type: none"> • Schedule for testing and commissioning • Procedures and methods of testing and commissioning fire systems and installations • Forms and reports of fire system and installation testing and commissioning • Training arrangement for operating and maintenance staff • Technical staff and instruments for the testing and commissioning <p>6.3 Professionalism in planning fire system testing and commissioning</p> <ul style="list-style-type: none"> ◆ Undertake the planning of fire system testing and commissioning according to the legal requirements and codes of practice, and prepare relevant documents
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to critically analyze, reorganize, evaluate and synthesize a wide range of information; and formulate a fire system testing and commissioning plan, in which the methods, procedures, forms and reports of, and technical staff training for the testing and commissioning of fire systems and installations are included.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses knowledge of testing and commissioning various types of fire systems.