

1. Title	Formulate plumbing system testing and commissioning plans
2. Code	EMPDIT501A
3. Range	As regards the testing and commissioning of plumbing systems and equipment, apply a wide range of technical and professional skills to formulate a plumbing system testing and commissioning plan and relevant documents.
4. Level	5
5. Credits	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Requirements for plumbing 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 plumbing systems ◆ Master the project schedule and the scope of testing and commissioning ◆ Understand procedures and methods of testing and commissioning various types of plumbing systems ◆ Understand the content and importance of the plumbing system testing and commissioning documents <p>6.2 Plumbing system testing and commissioning plan and relevant documents</p> <ul style="list-style-type: none"> ◆ Formulate a plumbing 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 plumbing systems and installations • Forms and reports of plumbing 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 plumbing system testing and commissioning</p> <ul style="list-style-type: none"> ◆ Undertake the planning of plumbing system testing and commissioning and prepare relevant documents according to the legal requirements and codes of practice
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to formulate a plumbing system testing and commissioning plan and relevant documents.</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 plumbing systems.