

1. Title	Formulate installation specifications for plumbing installations
2. Code	EMPDIN501A
3. Range	Formulate installation and materials specifications for various kinds of plumbing installations according to design requirements and international standards. This unit of competency is applicable to experienced plumbing installation practitioners.
4. Level	5
5. Credits	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Introduce advanced installation techniques and tools and include them in the specifications</p> <ul style="list-style-type: none"> ◆ Coordinate installation techniques and concepts from different international plumbing organizations and societies, and analyze, reorganize and assess information on performance of different systems to carry out installation work ◆ Introduce advanced installation tools ◆ Review and modify the requirements of general installation contracts, including general specifications, particular specifications, relevant international standards, project schedule, details and implementation of work process, project quotation, tender drawings, etc. ◆ Assess all the tender provisions from client, contract details, drawings, etc. and make amendments to facilitate the execution of all plumbing installation works <p>6.2 Formulate installation specifications</p> <ul style="list-style-type: none"> ◆ Include feasible or acceptable installation methods in the specification guidelines ◆ Consider plumbing installation specifications of other countries and the possibility of introducing them into Hong Kong and making them legal regulations ◆ Formulate characteristics and limitations of the workplace, and select materials according to the technical requirements ◆ Formulate specifications for materials in storage area of the work site
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to introduce advanced plumbing installation techniques and tools from other countries; and</p> <p>(ii) Capable to formulate installation specifications for all kinds of plumbing installations.</p>
8. Remarks	This unit of competency is suitable for enhancing the competency of plumbing installation practitioners. The credit value of this unit of competency is set on the presumption that the person already possesses basic installation knowledge.