1. Title	Apply the construction and principles of different types of water supply systems
2. Code	EMPDDE201A
3. Range	Apply the construction and principles of different types of water supply systems in the design, installation, inspection and repair of the systems for plumbing.
4. Level	2
5. Credits	6
6. Competency	<u>Performance Requirements</u> 6.1 Know about the construction and principles of different types of water supply systems ♦ Know about the overall operating principles of different types of water supply systems and understand the compatibility of different components ♦ Master the expected performance of systems under different situations 6.2 Apply the principles of different types of water supply systems in buildings ♦ Assist in selecting appropriate water supply systems for different types of buildings ♦ Use different types of component units under instruction ♦ Be familiar with the regulations for different types of water supply systems • Be familiar with the existing plumbing ordinance for water supply systems • Be familiar with other existing ordinances for water supply systems, such as: ‣ Environmental protection ordinances ‣ Construction ordinances ‣ Safety ordinances
7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Capable to master the construction and operating principles of different types of water supply systems and their components; and (ii) Capable to assist in selecting appropriate water supply systems for the work of design, installation and repair.
8. Remarks	The credit value of this unit of competency is set on the presumption that the person possesses the basic concept of water supply systems.