1. Title	Compatibility of water supply systems and auxiliaries		
2. Code	EMPDDE301A		
3. Range	Use different auxiliaries in plumbing and assess their impacts on water supply systems.		
4. Level	3		
5. Credits	3		
6. Competency		<u>Performance Requirements</u>	
	6.1	Understand various types of accessory components of water supply systems	♦ Understand the composition of various types of water supply systems including: • Fresh water system • Flush water system
	6.2	Apply different auxiliaries in water supply systems and assess their effects	♦ Understand the functions of auxiliaries (e.g. valves and filters) in water supply systems ♦ Understand the functions of the sanitary appliances (e.g. bathtubs and wash basins) in water supply systems ♦ Understand the effects of auxiliaries and accessories on the systems ♦ Explore how the auxiliaries change the operation of the systems
	6.3	Professional understanding and application of the code on system equipment	♦ Assess the limit and expandability of water supply system functions according to relevant regulations and code of system operation
7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Capable to understand the construction of various types of water supply systems; and (ii) Capable to apply auxiliaries to change and affect the overall water supply system.		
8. Remarks	This unit of competency is applicable to water supply system design practitioners in general.		