

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	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand various types of accessory components of water supply systems</p> <ul style="list-style-type: none"> ◆ Understand the composition of various types of water supply systems including: <ul style="list-style-type: none"> • Fresh water system • Flush water system <p>6.2 Apply different auxiliaries in water supply systems and assess their effects</p> <ul style="list-style-type: none"> ◆ 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 <p>6.3 Professional understanding and application of the code on system equipment</p> <ul style="list-style-type: none"> ◆ Assess the limit and expandability of water supply system functions according to relevant regulations and code of system operation
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to understand the construction of various types of water supply systems; and</p> <p>(ii) Capable to apply auxiliaries to change and affect the overall water supply system.</p>
8. Remarks	This unit of competency is applicable to water supply system design practitioners in general.