

1. Title	Design fountains and landscape irrigation systems
2. Code	EMPDDE410A
3. Range	This unit of competency is applicable to the operation of all kinds of fountains and landscape irrigation systems in building premises, including the design, installation, inspection, testing, commissioning, operation, repair and maintenance of landscape-related plumbing for building constructions.
4. Level	4
5. Credits	4
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand fountains and landscape irrigation systems</p> <ul style="list-style-type: none"> ◆ Understand the component units of fountains and landscape irrigation systems and their operation ◆ Know about models of fountains and landscape irrigation systems ◆ Know about rules and regulations and ordinances related to fountains and landscape irrigation systems <p>6.2 Design fountains and landscape irrigation systems</p> <ul style="list-style-type: none"> ◆ Assess the performance of fountains and landscape irrigation systems and provide design proposals according to actual situations
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to master the component units of all kinds of fountains and landscape irrigation systems and their operating principles, and make design proposals.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses knowledge of water supply and drainage.