

1. Title	Apply the construction and principles of different types of drainage systems
2. Code	EMPDDE202A
3. Range	Apply the construction and principles of different types of drainage systems in the design, installation, inspection and repair of the systems for plumbing.
4. Level	2
5. Credits	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Know about the construction and principles of different types of drainage systems</p> <ul style="list-style-type: none"> <li>◆ Know about the overall operating principles of different types of drainage systems and understand the compatibility of different components</li> <li>◆ Master the expected performance of systems under different situations</li> </ul> <p>6.2 Apply the principles of different types of drainage systems in buildings</p> <ul style="list-style-type: none"> <li>◆ Assist in selecting appropriate drainage systems for different types of buildings</li> <li>◆ Use different types of component units under instruction</li> <li>◆ Be familiar with the regulations for different types of drainage systems <ul style="list-style-type: none"> <li>• Be familiar with the existing plumbing ordinance for drainage systems</li> <li>• Be familiar with other existing ordinances for drainage systems, such as: <ul style="list-style-type: none"> <li>▸ Environmental protection ordinances</li> <li>▸ Construction ordinances</li> <li>▸ Safety ordinances</li> </ul> </li> </ul> </li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to master the construction and operating principles of different types of drainage systems and their components; and</p> <p>(ii) Capable to assist in selecting appropriate drainage systems for the work of design, installation and repair.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person possesses the basic concept of drainage systems.