

1. Title	Install mechanical equipment of drainage systems
2. Code	EMPDIN304A
3. Range	Perform different levels of tasks of installing mechanical equipment of drainage systems at workshops or equipment installation points.
4. Level	3
5. Credits	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge of installing mechanical equipment of drainage systems</p> <ul style="list-style-type: none"> ◆ Understand the construction and operating principles of various types of mechanical installations of drainage systems ◆ Read installation drawings of mechanical installations of drainage systems ◆ Understand the installation requirements and specifications of such equipment <p>6.2 Methods and procedures of installing mechanical equipment of drainage systems</p> <ul style="list-style-type: none"> ◆ Know the installation procedures and methods for mechanical installations of drainage systems, including the procedures of material checking, assembly, adjustment and testing ◆ Select and use suitable accessories and materials for the mechanical equipment of drainage systems ◆ Install and set various kinds of pipes, drainage outlets and pipe mounts at suitable locations according to installation instructions ◆ Use workshop and worksite equipment and tools safely and skilfully, e.g. threading machine, electric drill, bench fitting tools and welding machine <p>6.3 Professionalism in installing mechanical equipment of drainage systems</p> <ul style="list-style-type: none"> ◆ Perform tasks of installing mechanical equipment of drainage systems according to installation instructions ◆ Understand the safety guidelines required by the law and code of practice in undertaking installation work of mechanical installations of drainage systems
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to complete installation of mechanical equipment of drainage systems systematically and efficiently; and</p> <p>(ii) Capable to undertake installation work of mechanical installations of drainage systems safely according to the code of practice of the trade.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses elementary knowledge and skill in installing mechanical installations of drainage systems.