

1. Title	Install mechanical equipment of swimming pool systems	
2. Code	EMPDIN403A	
3. Range	Perform tasks of installing mechanical equipment of swimming pool systems according to drawings.	
4. Level	4	
5. Credits	6	
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <div> <div>6.1 Knowledge of installing mechanical equipment of swimming pool systems</div> <ul style="list-style-type: none"> ◆ Understand the construction and operating principles of various types of mechanical equipment of swimming pool systems ◆ Read installation drawings of mechanical equipment of swimming pool systems ◆ Understand the installation requirements and specifications of such equipment </div> <div> <div>6.2 Methods and procedures of installing mechanical equipment of swimming pool systems</div> <ul style="list-style-type: none"> ◆ Know the installation procedures and methods for mechanical equipment of swimming pool systems, including the procedures of material checking, assembly, adjustment and testing ◆ Select and use suitable accessories and materials for the mechanical equipment of swimming pool systems ◆ Install and set various kinds of swimming pool systems and parts like water pumps 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 </div> <div> <div>6.3 Professionalism in installing mechanical equipment of swimming pool systems</div> <ul style="list-style-type: none"> ◆ Perform tasks of installing mechanical equipment of swimming pool systems according to installation instructions ◆ Understand the safety guidelines required by the law and code of practice in undertaking tasks of installing mechanical equipment of swimming pool systems </div>	
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <div> <div>(i) Capable to complete installation of mechanical equipment of swimming pool systems systematically and efficiently; and</div> <div>(ii) Capable to undertake tasks of installing mechanical equipment of swimming pool systems safely according to the code of practice of the trade.</div> </div>	
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses knowledge and skill in installing mechanical equipment of plumbing systems.	