1. Title	Commissioning of liquid pumps
2. Code	EMPEIT201A
3. Range	Perform commissioning of liquid pumps in general industrial plants, power plants or other places.
4. Level	2
5. Credits	6
6. Competency	Performance Requirements
	6.1 Knowledge and requirements on pumps commissioning liquid pumps ↓ Understand the operating principle of different types of liquid pumps ↓ Understand the commissioning methods for different types of liquid pumps
	 Methods and procedures of commissioning liquid pumps Know the simple operation of various types of liquid pumps Know how to use appropriate tools to perform commissioning of various types of liquid pumps, such as inspecting: Noise Vibration Over temperature of liquid and bearing Pressure and flow Operating current leaks Know how to complete commissioning report forms for various types of liquid pumps
	 Follow the manufacturer's instructions to commission liquid pumps Understand safety requirements for work as well as the requirements of the codes of practice and manufacturer's guidelines on repair to perform liquid pump commissioning Select and use commissioning tools and instruments properly
7. Assessment Criteria	The integrated outcome requirements of this unit of competency are:
	(i) Capable to perform liquid pumps commissioning under instruction;
	(ii) Capable to report the status of liquid pump commissioning; and
	(iii) Capable to complete liquid pump testing report forms.
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic mechanical knowledge and basic knowledge of common operating parameters of liquid pumps.