1. Title	Install low pressure and high flow water pumps or the same type of pumps
2. Code	EMPEIN301A
3. Range	Perform installation work for low pressure (below 10bar) and high flow (above 200m³/hr) water pumps in general industrial plants, power plants or other places.
4. Level	3
5. Credits	3
6. Competency	Performance Requirements
	 Knowledge and requirements for installing low pressure and high flow water pumps Understand installation requirements of installation drawings of different types of low pressure and high flow pumps: Base requirements Coupling requirements Pump inlet/outlet system requirements for low pressure and high flow pumps
	O.2 Methods and procedures of installing low pressure and high flow water pumps O.3 Methods and procedures of installing low pressure and high flow water pumps O.4 Line including: O.5 Line including: O.6 Line including: O.7 Line including: O.8 Lincluding: O.8 Line including: O.8 Line including:

	 Follow the drawing and engineering requirements to carry out low pressure and high flow pump installation Control the engineering progress so as to meet the engineering requirements and quality standard Follow the safety requirements for work, requirements of the codes of practice and manufacturers' installation guidelines in order to perform low pressure and high flow pump installation Select and use installation tools or instruments properly
7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Capable to perform low pressure and high flow water pump installation work independently; (ii) Capable to complete work test, including correctly performing the procedures of leveling, alignment and installation, recording data and calibrating the equipment to the standards as required; (iii) Capable to complete the simple installation report for low pressure and high flow pumps; and (iv) Capable to report the operational status of low pressure and high flow pumps.
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses the competency of EMPEIN201A "Install low pressure and low flow water pumps or the same type of pumps".