1. Title	Use general loading and lifting equipment
2. Code	EMCUIN102A
3. Range	Use general loading and light duty lifting equipment, not including heavy duty lifting equipment, in industrial plants or workplaces where lifting is involved.
4. Level	1
5. Credit	9
6. Competency	<u>Performance Requirements</u> 6.1 Understand the principles of common lifting machines and devices operation ♦ Understand the types, use, functions, operation and maintenance of general loading and lifting machines and devices; and noting points when using them • Lifting machines include: crane, gin block, winch, rolling wheel, lift purchase and gin wheel • Lifting devices include: hook, chain, rope and overhead conveyor 6.2 Understand the code of safety and legal requirements for goods handling ♦ Understand the code of safety and legal requirements for goods handling • Understand the danger of moving and using lifting machines and devices • Understand the safety inspection requirements for handling goods • Understand the safety operation of lifting device and sling, and the requirements for pre-use inspection • Understand the code of safety for using lifting machines and the requirements for pre-use inspection ♦ Inspect the safety of the working environment, and clear all obstacles and potential dangers to goods handling work before starting the lifting and loading operations 6.3 Apply general loading methods and lifting equipment correctly ♦ Use general loading and lifting machines and devices correctly • Use general loading and lifting machines and devices correctly under clear instruction, including: ‣ Using chains and ropes to tie the goods ‣ Using lifting devices such as ropes, chain, hook and overhead conveyor to lift up and convey the goods ‣ Using hydraulic lifting machines to handle heavy goods ‣ Using electric lifting machines to handle goods ‣ operating truck lifting platform

	♦ Use general loading methods correctly • Carry out basic manual handling operation correctly • Simple ways of using ropes, such as tying knots and rings
7. Assessment Criteria	The integrated outcome requirement of this unit of competency is: (i) Capable to use general loading and lifting machines and devices correctly and safely for handling general electrical and mechanical equipment.
8. Remarks	(i) This unit of competency is applicable to electrical and mechanical practitioners in general. (ii) The credit value of this unit of competencies is set on the presumption that the person already possesses the competency of the following unit of competency: (iii) The competencies of EMCUSH109A "Implement safety procedures for manual handling operation".