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| 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. Credits | 9 | | |
| 6. Competency | <p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand the principles of common lifting machines and devices operation</p> <ul style="list-style-type: none"> ◆ Understand the types, use, functions, operation and maintenance of general loading and lifting machines and devices; and noting points when using them <ul style="list-style-type: none"> • Lifting machines include: crane, gin block, winch, rolling wheel, lift purchase and gin wheel • Lifting devices include: hook, chain, rope and overhead conveyor <p>6.2 Understand the code of safety and legal requirements for goods handling</p> <ul style="list-style-type: none"> ◆ Understand the code of safety and legal requirements for goods handling <ul style="list-style-type: none"> • 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 <p>6.3 Apply general loading methods and lifting equipment correctly</p> <ul style="list-style-type: none"> ◆ Use general loading and lifting machines and devices correctly <ul style="list-style-type: none"> • Use general loading and lifting machines and devices correctly under clear instruction, including: <ul style="list-style-type: none"> ▶ 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 <ul style="list-style-type: none"> • Carry out basic manual handling operation correctly • Simple ways of using ropes, such as tying knots and rings | | |

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| 7. Assessment Criteria | <p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to use general loading and lifting machines and devices correctly and safely for handling general electrical and mechanical equipment.</p> |
| 8. Remarks | <p>(i) This unit of competency is applicable to electrical and mechanical practitioners in general.</p> <p>(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: The competencies of EMCUSH109A “Perform manual handling operation”.</p> |