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| 1. Title | Overhaul general lift well equipment |
| 2. Code | EMLEOR220A |
| 3. Range | Overhaul lift well equipment (rated speed 1.75m/s or below and carrying capacity 680kg or below) under general situations at field locations. |
| 4. Level | 2 |
| 5. Credit | 3 |
| 6. Competency | <u>Performance Requirements</u><br>6.1 Structure and working principles of lift well equipment<br>♦ Understand the structure and working principles of general well equipment including:<br>• travelling cables<br>• car levelling devices<br>• lift shaft lighting<br>• hoistway emergency doors<br>• terminal limited switches<br>• car and counterweight guid-shoes<br>6.2 Overhaul methods and procedures for lift well equipment<br>♦ Enable to correctly carry out the preparation and resumption works for lift well equipment including:<br>• the work of shutdown procedures<br>• the work of resumption operation<br>♦ Use general tools effectively to perform disassembly, cleaning, painting and assembly on well equipment including:<br>• flat travelling cables<br>• lift shaft lighting<br>• hoistway emergency doors<br>• levelling devices including switches and plates<br>• terminal limited switches<br>• car and counterweight guide rails (8kg or below)<br>6.3 Professionalism in disassembling and assembling well equipment<br>♦ Follow manufacturer's repair instructions and the code of practice for lift work safety to disassemble and assemble well equipment<br>♦ Understand manufacturer's repair instructions and the code of practice for lift design and construction to test well equipment including:<br>• travelling cables<br>• car levelling devices<br>• lift shaft lighting |

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| | • hoistway emergency doors<br>• terminal limited switches<br>• car and counterweight guid-shoes |
| 7. Assessment Criteria | The integrated outcome requirement of this unit of competency is:<br>(i) Capable to systematically and efficiently perform disassembly, rust removal and prevention, assembly and testing on lift (rated speed 1.75m/s or below and carrying capacity 680kg or below) well equipment in compliance with the prescribed standards of repair. |
| 8. Remarks | The credit value of this unit of competency is set on the presumption that the person already possesses knowledge and skills in maintaining general lift well equipment. |