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| 1. Title | Maintain general lift well equipment | | | | | | |
| 2. Code | EMLEOR209A | | | | | | |
| 3. Range | Carry out the maintenance works of 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 | <p style="text-align: center;"><u>Performance Requirements</u></p> <table border="0"> <tr> <td style="vertical-align: top;">6.1 Structure and working principles of lift well equipment</td><td> <ul style="list-style-type: none"> ◆ Understand the structure and working principles of general well equipment including: <ul style="list-style-type: none"> • travelling cables • car levelling devices • lift shaft lighting • hoistway emergency doors • terminal limited switches • car and counterweight guide-shoes </td></tr> <tr> <td style="vertical-align: top;">6.2 Maintenance methods and procedures of lift well equipment</td><td> <ul style="list-style-type: none"> ◆ Carry out the repair and maintenance works of lift well equipment under the supervision and the works include with inspection, cleaning and oiling. ◆ Carry out the repair and maintenance works of lift well equipment under the supervision including: <ul style="list-style-type: none"> • travelling cables • car levelling devices • lift shaft lighting • hoistway emergency doors • terminal limited switches • car and counterweight guide-shoes ◆ Effectively use the testing instruments and tools to carry out the repair and maintenance works under the supervision </td></tr> <tr> <td style="vertical-align: top;">6.3 Professionalism in maintaining lift well equipment</td><td> <ul style="list-style-type: none"> ◆ Follow manufacturer's maintenance instructions to maintain well equipment ◆ Understand the requirements of safety guidelines and the code of practice for lifts in order to maintain well equipment </td></tr> </table> | 6.1 Structure and working principles of lift well equipment | <ul style="list-style-type: none"> ◆ Understand the structure and working principles of general well equipment including: <ul style="list-style-type: none"> • travelling cables • car levelling devices • lift shaft lighting • hoistway emergency doors • terminal limited switches • car and counterweight guide-shoes | 6.2 Maintenance methods and procedures of lift well equipment | <ul style="list-style-type: none"> ◆ Carry out the repair and maintenance works of lift well equipment under the supervision and the works include with inspection, cleaning and oiling. ◆ Carry out the repair and maintenance works of lift well equipment under the supervision including: <ul style="list-style-type: none"> • travelling cables • car levelling devices • lift shaft lighting • hoistway emergency doors • terminal limited switches • car and counterweight guide-shoes ◆ Effectively use the testing instruments and tools to carry out the repair and maintenance works under the supervision | 6.3 Professionalism in maintaining lift well equipment | <ul style="list-style-type: none"> ◆ Follow manufacturer's maintenance instructions to maintain well equipment ◆ Understand the requirements of safety guidelines and the code of practice for lifts in order to maintain well equipment |
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| 7. Assessment Criteria | <p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to clearly explain the construction and the key points of maintenance of well equipment; and</p> <p>(ii) Capable to effectively complete well equipment maintenance under instruction.</p> | | | | | | |
| 8. Remarks | The credit value of this unit of competency is set on the presumption that the person already possesses knowledge of using general repairing and testing instruments and tools. | | | | | | |