

1. Title	Maintain general lift buffers						
2. Code	EMLEOR207A						
3. Range	Carry out the maintenance works of lift buffer (energy accumulation type) 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 buffers (energy accumulation type)</td><td> <ul style="list-style-type: none"> ◆ Understand the structure and working principles of buffers including: <ul style="list-style-type: none"> • energy accumulation buffers </td></tr> <tr> <td style="vertical-align: top;">6.2 Maintenance methods and procedures of buffers</td><td> <ul style="list-style-type: none"> ◆ Know the repair and maintenance of buffers and the works include with the procedures of inspection and cleaning ◆ Know mechanical repair and maintenance of buffers including: <ul style="list-style-type: none"> • welding parts • fixed parts ◆ Use general repairing and testing instruments and tools effectively </td></tr> <tr> <td style="vertical-align: top;">6.3 Professionalism in maintaining buffers</td><td> <ul style="list-style-type: none"> ◆ Follow manufacturer's maintenance instructions to carry out buffer maintenance ◆ Understand the requirements of safety guidelines and the code of practice for lifts in order to perform buffer maintenance </td></tr> </table>	6.1 Structure and working principles of lift buffers (energy accumulation type)	<ul style="list-style-type: none"> ◆ Understand the structure and working principles of buffers including: <ul style="list-style-type: none"> • energy accumulation buffers 	6.2 Maintenance methods and procedures of buffers	<ul style="list-style-type: none"> ◆ Know the repair and maintenance of buffers and the works include with the procedures of inspection and cleaning ◆ Know mechanical repair and maintenance of buffers including: <ul style="list-style-type: none"> • welding parts • fixed parts ◆ Use general repairing and testing instruments and tools effectively 	6.3 Professionalism in maintaining buffers	<ul style="list-style-type: none"> ◆ Follow manufacturer's maintenance instructions to carry out buffer maintenance ◆ Understand the requirements of safety guidelines and the code of practice for lifts in order to perform buffer maintenance
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7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to systematically and effectively complete buffer maintenance; and</p> <p>(ii) Capable to clearly explain the construction and key points of maintenance of buffers.</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.						