

1. Title	Overhaul buffers of general lift						
2. Code	EMLEOR218A						
3. Range	Overhaul lift buffers (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 style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Understand the mechanical structure and working principles of general buffers of energy accumulation type </td></tr> <tr> <td style="vertical-align: top;">6.2 Methods and procedures of overhaul buffers (energy accumulation type)</td><td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Enable to correctly carry out the preparation and resumption works for buffers including: <ul style="list-style-type: none"> • the work of shutdown procedures • the work of resumption operation ◆ Effectively use general lifting gear to lift buffers ◆ Use general tools effectively to perform disassembly, cleaning, painting and assembly on buffers </td></tr> <tr> <td style="vertical-align: top;">6.3 Professionalism in disassembling and assembling buffers (energy accumulation type)</td><td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Follow manufacturer's repair instructions and the code of practice for lift work safety to disassemble and assemble buffers ◆ Understand manufacturer's repair instructions and the code of practice for lift design and construction to test buffers of energy accumulation type </td></tr> </table>	6.1 Structure and working principles of lift buffers (energy accumulation type)	<ul style="list-style-type: none"> ◆ Understand the mechanical structure and working principles of general buffers of energy accumulation type 	6.2 Methods and procedures of overhaul buffers (energy accumulation type)	<ul style="list-style-type: none"> ◆ Enable to correctly carry out the preparation and resumption works for buffers including: <ul style="list-style-type: none"> • the work of shutdown procedures • the work of resumption operation ◆ Effectively use general lifting gear to lift buffers ◆ Use general tools effectively to perform disassembly, cleaning, painting and assembly on buffers 	6.3 Professionalism in disassembling and assembling buffers (energy accumulation type)	<ul style="list-style-type: none"> ◆ Follow manufacturer's repair instructions and the code of practice for lift work safety to disassemble and assemble buffers ◆ Understand manufacturer's repair instructions and the code of practice for lift design and construction to test buffers of energy accumulation type
6.1 Structure and working principles of lift buffers (energy accumulation type)	<ul style="list-style-type: none"> ◆ Understand the mechanical structure and working principles of general buffers of energy accumulation type 						
6.2 Methods and procedures of overhaul buffers (energy accumulation type)	<ul style="list-style-type: none"> ◆ Enable to correctly carry out the preparation and resumption works for buffers including: <ul style="list-style-type: none"> • the work of shutdown procedures • the work of resumption operation ◆ Effectively use general lifting gear to lift buffers ◆ Use general tools effectively to perform disassembly, cleaning, painting and assembly on buffers 						
6.3 Professionalism in disassembling and assembling buffers (energy accumulation type)	<ul style="list-style-type: none"> ◆ Follow manufacturer's repair instructions and the code of practice for lift work safety to disassemble and assemble buffers ◆ Understand manufacturer's repair instructions and the code of practice for lift design and construction to test buffers of energy accumulation type 						
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to systematically and efficiently perform disassembly, rust removal and prevention, assembly and testing on lift buffers (energy accumulation type) in compliance with the prescribed standards of repair.</p>						
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 buffers (energy accumulation type).						