

1. Title	Overhaul lift brakes	
2. Code	EMLEOR315A	
3. Range	Arrange and implement lift brake overhauls at field locations.	
4. Level	3	
5. Credit	3	
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <div> <div> 6.1 Structure and working principles of lift brakes </div> <div> <ul style="list-style-type: none"> ◆ Understand the structure and working principles of different kinds of brake (electromechanical) including: <ul style="list-style-type: none"> • magnetic drum brake • magnetic disc brake • hydraulic drum brake • hydraulic disc brake </div> </div> <div> <div> 6.2 Overhaul methods and procedures for brakes </div> <div> <ul style="list-style-type: none"> ◆ Formulate overhaul procedure lists for different kinds of brake (electromechanical) including: <ul style="list-style-type: none"> • magnetic drum brake • magnetic disc brake • hydraulic drum brake • hydraulic disc brake ◆ Implement and assign completed shutdown and restart work for different brakes (electromechanical) including: <ul style="list-style-type: none"> • safety preparation works for shutdown • safety works for creption operation • safety works for resumption operation ◆ Effectively use different tools to implement and assign completed disassembly and assembly work for different brakes (electromechanical) including: <ul style="list-style-type: none"> • magnetic drum brake • magnetic disc brake • hydraulic drum brake • hydraulic disc brake </div> </div> <div> <div> 6.3 Professionalism in completed disassembly and assembly of brakes </div> <div> <ul style="list-style-type: none"> ◆ Apply manufacturer's repair instructions to implement and assign completed disassembly, assembly and adjustment work for different brakes (electromechanical) ◆ Apply manufacturer's repair instructions and the code of practice for lift design and construction to implement and assign completed testing work for different brakes (electromechanical) including: <ul style="list-style-type: none"> • magnetic drum brake • magnetic disc brake • hydraulic drum brake • hydraulic disc brake </div> </div>	

7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> (i) Capable to arrange and assign completed disassembly, assembly, adjustment and testing procedures for different kinds of lift brake systematically and through effective communication; and (ii) Capable to implement completed disassembly, assembly, adjustment and testing of different kinds of lift brake under general or complicated situations in compliance with the prescribed standards of repair.
8. Remarks	<p>The credit value of this unit of competency is set on the presumption that the person already possesses knowledge and skills in overhauling general lift brakes.</p>