

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> <p>6.1 Structure and working principles of lift brakes</p> <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 <p>6.2 Overhaul methods and procedures for brakes</p> <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 creeption 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 <p>6.3 Professionalism in completed disassembly and assembly of brakes</p> <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

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>