

1. Title	Overhaul overspeed governor and safety gear of general lift						
2. Code	EMLEOR214A						
3. Range	Overhaul lift overspeed governor (horizontal centrifugal) and safety gear (instantaneous) 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 overspeed governor (horizontal centrifugal) and safety gear (instantaneous)</td><td> <ul style="list-style-type: none"> ◆ Understand the structure and working principles of general overspeed governors including one-way horizontal centrifugal governor ◆ Understand the structure and working principles of general safety gears including one-way instantaneous type safety gear </td></tr> <tr> <td style="vertical-align: top;">6.2 Overhaul methods and procedures for overspeed governor (horizontal centrifugal)and safety gear (instantaneous)</td><td> <ul style="list-style-type: none"> ◆ Enable to correctly carry out the preparation and resumption works for overspeed governor and safety gear including: <ul style="list-style-type: none"> • the work of shutdown procedures • the work of resumption operation ◆ Effectively use general lifting gear to lift safety ropes including: <ul style="list-style-type: none"> • car safety ropes • counterweight safety ropes ◆ Use general tools effectively to disassemble and assemble overspeed governor and safety gear including: <ul style="list-style-type: none"> • one-way horizontal centrifugal governor • one-way instantaneous type safety gear </td></tr> <tr> <td style="vertical-align: top;">6.3 Professionalism in disassembling and assembling overspeed governor (horizontal centrifugal) and safety gear (instantaneous)</td><td> <ul style="list-style-type: none"> ◆ Follow manufacturer's repair instructions and the code of practice for lift work safety to disassemble and assemble overspeed governor and safety gear ◆ Understand manufacturer's repair instructions and the code of practice for lift design and construction to adjust and test overspeed governor and safety gear including: <ul style="list-style-type: none"> • one-way horizontal centrifugal governor • one-way instantaneous type safety gear </td></tr> </table>	6.1 Structure and working principles of lift overspeed governor (horizontal centrifugal) and safety gear (instantaneous)	<ul style="list-style-type: none"> ◆ Understand the structure and working principles of general overspeed governors including one-way horizontal centrifugal governor ◆ Understand the structure and working principles of general safety gears including one-way instantaneous type safety gear 	6.2 Overhaul methods and procedures for overspeed governor (horizontal centrifugal)and safety gear (instantaneous)	<ul style="list-style-type: none"> ◆ Enable to correctly carry out the preparation and resumption works for overspeed governor and safety gear including: <ul style="list-style-type: none"> • the work of shutdown procedures • the work of resumption operation ◆ Effectively use general lifting gear to lift safety ropes including: <ul style="list-style-type: none"> • car safety ropes • counterweight safety ropes ◆ Use general tools effectively to disassemble and assemble overspeed governor and safety gear including: <ul style="list-style-type: none"> • one-way horizontal centrifugal governor • one-way instantaneous type safety gear 	6.3 Professionalism in disassembling and assembling overspeed governor (horizontal centrifugal) and safety gear (instantaneous)	<ul style="list-style-type: none"> ◆ Follow manufacturer's repair instructions and the code of practice for lift work safety to disassemble and assemble overspeed governor and safety gear ◆ Understand manufacturer's repair instructions and the code of practice for lift design and construction to adjust and test overspeed governor and safety gear including: <ul style="list-style-type: none"> • one-way horizontal centrifugal governor • one-way instantaneous type safety gear
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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 efficiently disassemble, assemble, adjust and test lift overspeed governor (horizontal centrifugal) and safety gear (instantaneous) 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 overspeed governor and safety gear.						