

1. Title	Marine inspection and ship survey									
2. Code	EMSRIT403A									
3. Range	Apply relevant marine ordinance and requirements to ship inspection when handling daily tasks for ship repairs and marine inspection and ship survey.									
4. Level	4									
5. Credit	5									
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <table border="0"> <tr> <td style="vertical-align: top;">6.1</td> <td style="vertical-align: top;">Specifications of periodic inspection required for ship classification</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Be familiar with the scope and items of ship inspection ◆ Master ship survey procedures ◆ Master general ship survey principles and ship survey items for special conditions </td> </tr> <tr> <td style="vertical-align: top;">6.2</td> <td style="vertical-align: top;">Methods of marine inspection and ship survey</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Perform ship survey for different reasons, such as: <ul style="list-style-type: none"> • Classification renewal inspection (hull and machinery) • Annual inspection (hull and machinery) • Mid-term inspection (hull and machinery) • Ship bottom inspection (condition of dryness and in the water) • Tail shaft inspection (intact and modified) • Thorough inspection of boiler • Damage and repair inspection • Port control inspection • Inspection prior to change of ownership • Commissioning of idle and reassembled ships </td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in marine inspection and ship survey</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Verify the quality system with approved ship inspection methods ◆ Finish ship survey according to the requirements of local classification societies or social practice, and assist in compiling survey reports and recommendations </td> </tr> </table>	6.1	Specifications of periodic inspection required for ship classification	<ul style="list-style-type: none"> ◆ Be familiar with the scope and items of ship inspection ◆ Master ship survey procedures ◆ Master general ship survey principles and ship survey items for special conditions 	6.2	Methods of marine inspection and ship survey	<ul style="list-style-type: none"> ◆ Perform ship survey for different reasons, such as: <ul style="list-style-type: none"> • Classification renewal inspection (hull and machinery) • Annual inspection (hull and machinery) • Mid-term inspection (hull and machinery) • Ship bottom inspection (condition of dryness and in the water) • Tail shaft inspection (intact and modified) • Thorough inspection of boiler • Damage and repair inspection • Port control inspection • Inspection prior to change of ownership • Commissioning of idle and reassembled ships 	6.3	Professionalism in marine inspection and ship survey	<ul style="list-style-type: none"> ◆ Verify the quality system with approved ship inspection methods ◆ Finish ship survey according to the requirements of local classification societies or social practice, and assist in compiling survey reports and recommendations
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7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to perform ship survey and judge whether the ship meets relevant requirements; and</p> <p>(ii) Capable to assist in compiling survey reports and recommendations.</p>									
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic maritime knowledge (such as: EMSRIT303A “Hull-stability examination and inclination test”).									