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| 1. Title | Lead and supervise management of large engineering projects |
| 2. Code | EMSRPM601A |
| 3. Range | Critically review, analyze, evaluate and judge in the course of management and supervision of projects related to maintenance of large ships and formulate schedules for the projects; lead and supervise large engineering projects. |
| 4. Level | 6 |
| 5. Credit | 6 |
| 6. Competency | <p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Project management issues related to leading large-scale engineering projects</p> <ul style="list-style-type: none"> ◆ Be familiar with the management requirements for engineering projects of maintenance of large ships and related installations <p>6.2 Methods of supervising large engineering projects</p> <ul style="list-style-type: none"> ◆ Master techniques of supervising large engineering projects, and facilitate, coordinate and supervise the projects according to project schedules ◆ Lead the management of large ship-repair projects, including organizing project management of working groups, formulating project management plan and schedule, formulating project monitoring system, formulating delivery list and schedule for related materials and equipment, logistic management system for materials and equipment, handover arrangement upon completion of project <p>6.3 Professionalism in supervising large engineering projects</p> <ul style="list-style-type: none"> ◆ Critically review, analyze, evaluate and judge in the course of management and supervision of projects and formulate schedules for the projects |
| 7. Assessment Criteria | <p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to demonstrate how to lead the management of large ship-repair projects; and</p> <p>(ii) Capable to demonstrate how to facilitate, coordinate and supervise the successful completion of engineering projects.</p> |
| 8. Remarks | The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of project supervision (such as: EMSROM403A” Supervise projects according to legislations and regulations related to ship operations” and EMCUOM502A “Implement engineering operation and supervisory management”). |