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**REPUBLIC OF THE PHILIPPINES**

**DEPARTMENT OF TRANSPORTATION**

**MARITIME INDUSTRY AUTHORITY**

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| **INVENTORY OF TEACHING AIDS AND REFERENCES** |

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| **Training Course:** | Electro-Technical Officer | |
| **Name of Maritime Training Institution:** | |  | |

| *Note: Substitute textbooks and videos can be used provided they contain the same content of the required.* | **Self-Assessment** | | **Tabletop Evaluation** | | **Inspection** | | **Remarks** |
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| **To be accomplished by applicant MTI** | | **To be accomplished by designated Tabletop Evaluator** | | **To be accomplished by designated Evaluation and Inspection Team (EIT)** | |
| **Items** | **Hardcopy** | **Electronic Copy** | **Complied** | **Not Complied** | **Complied** | **Not Complied** |  |
| **Teaching Aids (A):** | | | | | | | |
| 1. Visual Presentations |  |  |  |  |  |  |  |
| 1. Manufacturer’s Operations Manual, Service Manual and Technical Diagrams for the following shipboard machinery and equipment:  * Communication Systems including GMDSS * Main Propulsion plant systems * Remote propulsion control * Auxiliary machinery systems * Steering systems * Generators (Auxiliary and Emergency) * Main, Auxiliary Switchboards and Distribution Panels * Fire Alarm System * Induction and Synchronous motor * Winches (Derricks) Cranes, Windlass * Vent dampers * Air-Handling Unit * Sanitary systems and equipment * Galley and Laundry Equipment * Hull-Stress monitoring System * Radars and Recorders |  |  |  |  |  |  |  |
| 1. Training videos relating to:  * Ship’s electrical systems * Electrical safety * Electrical Repair and Maintenance * Electric Propulsion and High Voltage * Prime movers and main propulsion plant * Engine-room auxiliary machineries * Steering systems * Electrical Distribution * Motors and Starters * Alternators / Generators * Governor Systems * Main Circuit Breaker and other Protective Devices * Ancillary Electrical Services * Electrical Survey Requirements * Water Cooling Systems * Air Systems * Machinery Alarms * Ship’s Instrumentation and Automation System |  |  |  |  |  |  |  |
| **IMO References (R):**  *MTIs may use additional references as deemed necessary to meet the intended learning outcomes of this training course.* | | | | | | | |
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| 1. International Convention for the Safety of Life at Sea (SOLAS), 1974, as amended, latest edition. |  |  |  |  |  |  |  |
| 1. International Convention for the Prevention of Pollution from Ships (MARPOL), 73/78, Consolidated Edition, latest edition. |  |  |  |  |  |  |  |
| 1. IMO Model Course 7.08 – Electro-Technical Officer, 2014 Edition or latest |  |  |  |  |  |  |  |
| 1. IMO Resolution A.702 (17) Radio Maintenance Guidelines for the Global Maritime Distress and Safety System (GMDSS) Related to Sea Areas, A3 and A4, latest edition. |  |  |  |  |  |  |  |
| 1. Code on Alerts and Indicators, 2009, 2010 Edition or latest |  |  |  |  |  |  |  |
| 1. IMO Model Course 1.39 – Leadership and Teamwork, 2014 Edition or latest |  |  |  |  |  |  |  |
| 1. IMO Standard Marine Communication Phrases (SMCP), 2000 Edition or latest . |  |  |  |  |  |  |  |
| **Bibliography (B):**  *The MTI shall provide at least two (2) titles of references of the latest edition for each of the modules in this course to facilitate learning and may use other titles aside from the above examples for the requirement per module as long as they are meeting the intended learning outcomes of that specific module****.*** | | | | | | | |
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