AD NO.: 03af-01

Initial Issue Date: 09-14-2023

Revision Date: 07-30-2024

**REPUBLIC OF THE PHILIPPINES**

**DEPARTMENT OF TRANSPORTATION**

**MARITIME INDUSTRY AUTHORITY**

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| **INVENTORY OF TRAINING EQUIPMENT AND FACILITIES** |

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| **Training Course:** | Basic Training for Liquefied Gas Tanker Cargo Operations |
| **Name of Maritime Training Institution:** |  |

| *Note: Sharing of Facilities and Equipment may be allowed provided that Names of the Branches that will be utilizing the same must be reflected* | **Self-Assessment** | **Tabletop Evaluation** | **Inspection** | **Remarks** |
| --- | --- | --- | --- | --- |
| **To be accomplished by applicant MTI** | **To be accomplished by designated Tabletop Evaluator** | **To be accomplished by designated Evaluation and Inspection Team (EIT)** |
| **Items** | **Quantity Required** | **Actual number at hand** | **Complied** | **Not Complied** | **Complied** | **Not Complied** |
| **Equipment:***All equipment must be labeled with the MTI’s name.* |
| * Liquid Cargo Handling Simulator/Ballast Water Handling Simulator with load indicator capable to simulate cargo operations of LPG/C and LNG:
* 1:4 (Full Mission)
* 1:2 (workstation)

ORComputer sets with programs capable to simulate cargo operations of LPG/C and LNG:* 1:2 (workstation)
 | 12 + 1(12 workstations and 1instructor’sstation)*The**minimum number of workstations shall not be less than 6 units.**The intake limitation maybe be adjusted accordingly following the prescribed workstation to trainee ratio.* |  |  |  |  |  |  |
| * Span gas capable of measuring the following gases:
* Oxygen (O2)
* Hydrogen Sulfide (H2S)
* Carbon Monoxide (CO)
* Hydrocarbon (LEL) (*HC*, methane, combustible gases)
 | 2 sets |  |  |  |  |  |  |
| * Absorption tubes (with associated pump) or any instruments capable of measuring the following gases:
* Benzene
* Hydrogen Sulfide (H2S)
 | 2 sets |  |  |  |  |  |  |
| * Portable multigas detector capable of measuring the following gases:
* Oxygen (O2)
* Hydrogen Sulfide (H2S)
* Carbon Monoxide (CO)
* Hydrocarbon (LEL) (HC, methane, combustible gases)
 | 2 units |  |  |  |  |  |  |
| * Personal multigas detector capable of measuring the following gases:
* Oxygen (O2)
* Hydrogen Sulfide (H2S)
* Carbon Monoxide (CO)
* Hydrocarbon (LEL) (HC, methane, combustible gases)
 | 2 units |  |  |  |  |  |  |
| * Tank evacuation equipment:
* Tripod
* Hoisting block or appropriate blocks/pulley with rope
* Rescue hoist
* Safety harness
* Safety torch
* Neil Robertson Stretcher
* First aid kit, rescue line, blanket/protective clothing
 | 1 set |  |  |  |  |  |  |
| * Emergency Escape Breathing Device (EEBD)
 | 1 unit |  |  |  |  |  |  |
| * Drip tray for cargo manifold with about 2m x 2m
 | 1 pc |  |  |  |  |  |  |
| * Cargo Manifold (LPG/LNG) / Vapor and liquid pipeline with cut off valve or gate valve
 | As stated |  |  |  |  |  |  |
| * Fireman’s outfit:
* Fireman suit
* Fireman helmet
* Fireman rubber boots
* Fire gloves
 | 25 sets |  |  |  |  |  |  |
| * Self-Contained Breathing Apparatus
 | 6 units |  |  |  |  |  |  |
| * Firefighting Equipment and Installations:
* fixed dry chemical system
* portable fire extinguisher (dry powder)
* portable fire extinguisher (foam type)
* fixed fire-fighting foam system
 | 1 unit1 pc 1 pc 1 unit |  |  |  |  |  |  |
| * Chemical Suit
 | 1 unit |  |  |  |  |  |  |
| * Personal Protective Equipment (PPE):
* Gloves
* Cover-all
* Safety helmet
* Safety goggle
* Safety shoes
 | 12 sets |  |  |  |  |  |  |
| The following first aid equipment permanently marked **“FOR EMERGENCY PURPOSES ONLY”** shall be available and placed in an accessible area:* First aid kit
* stretcher
* Resuscitation kit with oxygen
* Suction unit
 | 1 set |  |  |  |  |  |  |

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| **Accomplished by** | **:** |  |  | **Date** | **:** |  |
|  |  | Name and Signature ofMTI’s Authorized Representative |  |  |  |  |

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| **Table Top Evaluator’s Comments:** |
|  |  |  | **Date of Evaluation** |  |  |  |
|  | **Table Top Evaluator’s Name & Signature** |  |  |  |  |  |
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| **Inspector’s Comments:** |
|  |  |  | **Date of Inspection** |  |  |  |
|  | **Inspector’s Name & Signature** |  |  |  |  |  |
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