

## Nautical & Marine Engineering Courses

### **MOORING SUPERVISOR COURSE**

#### **AIM**

The aim of the Mooring Safety Course for supervisors is to ensure that personnel who are supervising mooring operations are equipped with the necessary safety knowledge.

#### **FOR WHOM**

Portworker attended Mooring Safety Course.

#### **COVERAGE OF COURSE**

- Understand the importance of Safety in Mooring Operations and Mooring Layout.
- Line-Handling
- Hand Signals in Mooring Operations.
- Principles of safe mooring including affects of:
  - Angle of rope above horizontal
  - Angle of rope from fore / aft axis of a ship
  - Length of rope
- Hazards associated with mixing mooring material types & sizes, inappropriate or defective mooring materials and snap-back zone.
- Ensure loading arms / hoses and other connections can be made.
- Brake Holding Power & how it is affected by the number of turns of rope on the winch drum.
- Effects of external factors such as tide, weather, waves & passing ships.
- Identification of malfunctioning/unserviceable mooring materials & equipment.
- Assess condition & operation of mooring materials & equipment:
  - Effects of mechanical damage, corrosion & contamination on mooring materials
  - Effects of splicing & other attempted repairs on properties & reliability of ropes
  - Features which indicate that mooring equipment might be unserviceable
  - Correct actions to take whenever mooring materials or equipment are found to be unserviceable
  - Factors affecting the risk of incorrect assessment of mooring materials & equipment
  - Recommendations and guidelines for handling, inspecting and removing from service wire mooring lines

**DURATION:** 1 Day

**COURSE FEE:** S\$371.00 (subjected to prevailing GST)

#### **ASSESSMENT AND CERTIFICATION**

There is a course assessment at the end of the course. Participants must pass the assessment to successfully complete the course. Upon passing, a certificate will be issued.

**CONTACT US:** Please contact Ms Lee Pei Leng for enquiries and quotation on the Course.  
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