

## Nautical & Marine Engineering Courses

# **BUNKER SURVEYOR (REFRESHER) TR48:2015 MFM**

#### **AIM**

The purpose of this course is to cover the pre-delivery, delivery and post-delivery checks and documentation for the delivery of bunker by Mass Flow Metering (MFM) System specific to the bunker tanker in the Port of Singapore. This procedure shall apply in place of all those related to tank gauging for the determination of the quantity of the bunker delivered stated in the Singapore Standard SS600:2014.

### **FOR WHOM**

Existing valid Bunker Surveyor license holders or Certified Bunkering Cargo Officers

### **COVERAGE OF COURSE**

The course covers the following topics:

- 1. System integrity and requirements
- 2. Metering procedures
- 3. Basic Safety familiarization for bunker operation
- 4. Enhancing professionalism of bunkering officers
- 5. Emphasis on Anti-corruption (CPIB)
- 6. TR48:2015 MFM Annexes:
- 7. Case Study & Videos
- 8. Assessment

## PRE-REQUISITE REQUIREMENTS

- Existing valid Bunker Surveyor license holders or certificated Bunkering Cargo Officers:
- 2. At least 21 years of age;
- 3. Have a working knowledge of the English language; and
- 4. Medically fit.



## **CERTIFICATION**

The Certificate of Attendance will be issued to applicants who passed the Bunker Surveyor (Refresher) TR48:2015 examination administered by the STET Division (Maritime Services); ST Electronics (Training & Simulation Systems) Pte Ltd.

**DURATION**: 1 Day

COURSE FEE: \$642.00 (Inclusive GST)

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

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