



Marine Cargo Surveying Course (Liquid Cargo)

Professional Development Certification

Introduction

This training will provide the participants with the knowledge and skills required to safely conduct Cargo Surveys on vessels. This training shall prepare the Cargo Surveyor to perform the duties of monitoring Cargo operations with the aim of ensuring safe and proper handling of cargo during discharge/loading operations, as well as being in charge survey operations on the ship's deck. Therefore, the deck officers need to be practical, resourceful and have a real interest in secure loading of cargo, identifying basic cargo handling and cargo safety requirements on vessels as well as calculate storage requirements on vessels.

This training will provide participants with the practical knowledge and skills required to safely conduct cargo surveys on board a vessel.

Objectives

This training integrates practical cargo work, cargo watch keeping, practical applications and problem-solving exercises to enable candidates to have the required knowledge, understanding and skills to competently carry out cargo surveys inspections on ships during cargo operations

Outline

This course content will cover the following areas.

1. **General Principles of Cargo Surveying**
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 - b. Origins of Damage
 - c. Infestation
 - d. Moment at Sea
 - e. Damage Prior to Loading
 - f. Damage During Loading and Discharge
 - g. Damage Due to Loss of Hull Integrity
 - h. Theft
 - i. Natural Loss
2. **Conducting Cargo Surveying**
 - a. Appointment of the Surveyor
 - b. Role of the Surveyor
 - c. Attending the Survey
 - d. Cause of Loss or Damage
 - e. Establishing the Cause
 - f. Disposal of Damaged Items of Cargo
 - g. Total Loss and Abandonment
 - h. Preparing the Survey Report
 - i. Witness Statements
3. **Stowage and Securing of Cargo**
 - a. Stowage
 - b. Lashing and Securing
4. **Characteristics and Particular Issues of Liquid Cargo**
 - a. Oil Tankers
 - b. Crude Mineral Oil
 - c. Oil Products
 - d. Bulk Liquid Chemical Cargoes
 - e. Liquified Gas Carriers
 - f. Vegetable Oils
 - g. Oil Cargo Survey Procedure
 - h. Offshore Supply Vessel
5. **Marine Insurance**

- a. Damage and Loss Surveys for Insurance Claims
- b. Average
- c. Adjusting Insurance Claims

Course Outcomes

After successful completion of the course the trainee will have the understanding and competency to perform cargo survey duties on ships for Vessel Owners, Charterers, Shipping Agents and/or Cargo Insurance Brokers

Suitable for:

This Course is suitable for:

- Cargo Officers on Vessels
- Personnel tasked with overseeing Cargo operations
- Stevedore Managers and Supervisors
- Marine Insurance Underwriters

Training Facilities

Classroom lessons, simulation activities and ship's deck and cargo hold and associated systems related to sea cargo environment.

Certificates

On successful completion of the course:

1. A certificate of completion will be issued to candidates, certifying that the holder has successfully completed the first phase of the course and met the assessment criteria.
2. To be awarded a Diploma in Ship Surveying, participants must submit all assigned projects and receive a pass mark above 70%, within a period of no more than one year.

Miscellaneous

Candidates attending this training must be prepared to put in extra hours of work to obtain a pass mark above 70%.

Training Details and Costs

Duration:	3 months
Time:	08.00am to 04.00pm
Tuition Fees:	TBA
Venue:	PMTC, Konedobu
Min number of persons:	10 persons

For further information please contact:

Hayley Kana,

Phone: 723 20725

Email: pmtcregistrarhk@gmail.com