



M0025: Loss Marine Control in Marine Transport of Crude Oil





Training Description:

This course is designed to provide a clear understanding of all the relevant aspects of the loss control function in marine transport. When most people consider losses related to marine transport of crude oil they recall the headline making losses relating to disasters such as the Exxon Valdez or the Erika. However much larger 'losses' occur daily, not through spillage but due to differences in the measurements made at load port and at discharge port. Although these differences rarely indicate a physical loss of oil they have very real financial implications and many of the larger oil companies employ specialist loss control teams to monitor these losses and to intervene when necessary. The skills required to carry out loss control range from contract arrangements through marine operations to flow metering and laboratory analysis.

This course will teach you the skills for protecting your client's interests by understanding the varied causes of losses, how to investigate them and how to minimise their effect.

Training Objectives:

By the end of the training, participants will be able to:

- ✓ Provide a good understanding of crude oil loss control related particularly to marine movements, including:
 - Contracts
 - Independent Inspection
 - Static and Dynamic measurements
 - Sampling and Analysis
 - Documentation
 - Claims
 - Statistical Monitoring
 - Applicable Standards
 - Safety and the Environment
- ✓ Have a greater understanding of Oil measurement and sampling practice
- ✓ Have a thorough grounding in Oil Loss Control techniques including Crude Oil Washing with various types of crude
- ✓ Understand the importance of demurrage issues
- ✓ Be able to understand the term "observational awareness"— and determine what is important information for your client (and what is not).

Training Designed for:

This course is intended for everyone involved in daily bulk oil cargo handling, inspection, tank storage, refining, brokering concerned with quantity, quality or operational loss before, during and after custody, Tanker operators, surveyors, inspectors, superintendents, P&I surveyors, terminal managers, port captains, customs officers, and other technical staff who are involved in marine transport of Crude oil.

Training Program:

DAY ONE:

- ❖ PRE-TEST





- ❖ Introduction & Loading Operations
 - Safety & Preparation
 - A recap on measurement practice
 - Definition of Losses/Gains
 - Custody Transfer
 - Oil Loss Control – At Load ports – Crude and products/Blending

DAY TWO:

- ❖ Loading Crude & Products — The vessel
- ❖ Loading systems – Terminal
- ❖ Quality Assessment – Sampling & Analysis techniques

DAY THREE:

- ❖ Blending on board
- ❖ Demurrage
- ❖ Official Documentation

DAY FOUR:

- ❖ Crude Oil and Products Discharging, COW & Stripping Operations
- ❖ Terminal Discharge Plan – impact on Oil Loss Control
- ❖ Vessel at Discharge
- ❖ Pumping & stripping

DAY FIVE:

- ❖ Introduction to Crude Oil Washing
- ❖ Email Communications at a Discharge
- ❖ Incident reporting
- ❖ Vapour Emission Control & Vapour Loss
- ❖ Ship to Ship (STS) operations, Voyage Analysis & Reconciliation, Loss Investigation
- ❖ Course Conclusion
- ❖ POST-TEST and EVALUATION

Training Requirement:

“Hand’s on practical sessions, equipment and software will be applied during the course if required and as per the client’s request”.

Please note that the above topics can be amended as per client’s learning needs and objectives. Further, it should be forwarded to us a month prior to the course dates.

Training Methodology:

This interactive training course includes the following training methodologies as a percentage of the total tuition hours: -

- 30% Lectures, Concepts, Role Play
- 70% Workshops & Work Presentations, Techniques, Based on Case Studies & Practical Exercises, Software & General Discussions
- Pre and Post Test





Training Certificate(s):

Internationally recognized certificate(s) will be issued to each participant who completed the course.

Training Fees:

As per the course location - This rate includes participant's manual, hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Note: The 5% VAT (Value Added Tax), will be effective starting 01st of January 2018 as per the new regulation from the UAE Government. The VAT applies for all quotation both for local and abroad.

Training Timings:

Daily Timings:

07:45 - 08:00	Morning Coffee / Tea
08:00 - 10:00	First Session
10:00 - 10:20	Recess (Coffee/Tea/Snacks)
10:20 - 12:20	Second Session
12:20 - 13:30	Recess (Prayer Break & Lunch)
13:30 - 15:00	Last Session

For training registrations or in-house enquiries, please contact:

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Training & Career Development Department

