



M0046: Crude Oil Tanker Cargo Operations Best Practices

Training Description:

Whilst energy companies assess the financial plausibility of alternative and renewable power supplies, traditional energy sources will still be required for the foreseeable future. Do not be distracted by social and political fashions but be certain that your knowledge of well-established and sustainable energy sources is current and complete.

The political machinations of traditional oil producing countries, has failed to prevent a recent revival in crude oil prices, resulting the confidence returning to the crude oil industry. As storage facilities release crude oil back onto the market there will be a surge of tanker business and freight rates will inevitably rise as a consequence. Do not be left behind as the oil industry returns to prosperity.

This intensive training course delivers a comprehensive coverage of the voyage cycle of a crude oil tanker. It focuses on the preparation of the cargo system and all subsequent routine cargo and cargo system operations within a cargo cycle. Topics covered will protect the safety and commercial interests of the ship owner, as well as the protection of the environment.

The course will highlight:

- The development of the crude oil industry and current state
- The safe operation of crude oil tankers
- The protection of commercial interests in tanker operations
- Safety management with respect to fire and toxicity hazards
- Incident analysis practices

Training Objectives:

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

- ✓ Identify the properties and hazards of a range of crude oils
- ✓ Assess the development of the industry, its threats and opportunities
- ✓ Determine safe and efficient management of crude oil tankers
- ✓ Identify techniques to protect the commercial interests of a tanker owner
- ✓ Apply incident analysis techniques to casualty reports

Training Designed for:

This course is intended for Energy company, oil and gas process managers, plant managers and operators, Sales and marketing managers, Financial directors, Project managers, Investment analysts, Asset managers, Asset engineers, Ship and voyage managers, Ship superintendents, Ships' staff, Cargo surveyors and expeditors.

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.”

Contents can be adapted to your specific wishes. It is therefore possible to focus on specific modules of the training course as per client’s learning needs and objectives. Further, it should be forwarded to us a month prior to the course dates.

Training Program:

DAY ONE:

- ❖ PRE-TEST
- ❖ Introduction
- ❖ Development, Design and Hazards of a Crude Oil Tanker
 - Development of crude oil industry
 - Properties and hazards of crude oil
 - Flammability and volatility
 - Design for safety of a crude oil tanker
 - Hazards of fuel oil
 - Sources of ignition

DAY TWO:

- ❖ Best Practice to Protect Owners' Commercial Interests
 - Static electricity (de-bottoming) current electricity
 - Cargo calculations
 - Ship / shore liaison
 - Commercial interests
 - Gas evolution and venting
 - Marine vapour emission control

DAY THREE:

- ❖ Atmosphere Control and Environmental Protection
 - Static electricity (de-bottoming) current electricity
 - Cargo calculations
 - Ship / shore liaison
 - Commercial interests
 - Gas evolution and venting
 - Marine vapour emission control

DAY FOUR:

- ❖ Safe Working Practices and Permits
 - Dangerous space entry procedures
 - Medical aspects of tanker safety
 - Gas detecting instrumentation
 - Cold and hot work permits,
 - Double hull tankers and combination carriers

DAY FIVE:

- ❖ Safety Management and Incident Analysis
 - The cargo cycle, dry dock to dry dock
 - Risk and safety management; case studies
 - Fire - fighting on crude oil tankers
 - Case studies; fire and explosion
- ❖ Incident analysis, recommendations and guidance
- ❖ Course Conclusion

❖ POST-ASSESSMENT and EVALUATION

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, Gamification, Software & General Discussions
- Pre and Post Test

Training Certificate(s):

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

Training Fees:

TBA 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 - 13:00	Recess (Prayer Break & Lunch)
13:00 - 14:00	Last Session

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

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