



M0027: Marine Pollution & Management

Training Description:

Marine pollution prevention these days is a serious responsibility for everyone involved in the maritime or offshore industries. This includes offshore and onshore energy production sector, on-shore shipping personnel and shipping transport companies. They all have to fulfil the important duty to protect the marine environment.

This course provides updated information and the knowledge of various aspects of marine pollution and the ways and methods of its prevention. The course will present the detailed analysis of various sources of pollution, best practices and methodologies for pollution clean-up and the measures as a response to emergencies and accidents. The course also includes explanation of marine pollution legal consequences and liabilities.

The course will focus on; Marine pollution causes and effects, Ballast water and other marine pollutants, Oil pollution and offshore activities, Surveillance, monitoring, measurement and management systems and Legal issues, non-compliance with international regulations.

This training will include case studies and will be presented with explanation of technical measures necessary for efficient managing of marine pollution problems. Various examples from real-life technical practice will be included and combined with video animations to help gain the confidence in making right decision regarding efficient emergency response measures in the given situation.

Training Objectives:

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

- ✓ Understand numerous aspects of the marine pollution problems
- ✓ Develop familiarity with regulations & compliance issues according to requirements of international documents
- ✓ Use available technologies & strategies for marine pollution prevention
- ✓ Plan & implement measures aimed at reducing the risk of serious environmental impact

Training Designed for:

This course is intended for all Managers and Environment Supervisors from oil and gas production industry, Professionals from oil and gas transport companies, Administrators from government departments dealing with maritime transport and offshore operations, Technical professionals in charge of harbour operation & management.

This course is designed to benefit different levels of Technical and Administrative Personnel in the industry and government who deal with and manage problems of marine pollution, marine transport and offshore energy production operations.

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
- ❖ MARINE POLLUTION
 - Marine pollution definition: types and environmental impacts
 - Oil pollution and impact of oil spill
 - Heavy metals: dangers and hazards
 - Wastes: solid garbage and liquid sewage
 - Pollution risks from ships: incidents and assessment
 - Economic losses from marine pollution

DAY TWO:

- ❖ BALLAST WATER AND OTHER MARINE POLLUTANTS
 - Environmental threats from ballast water
 - International maritime dangerous goods (IMDG)
 - Dumping of ship wastes and other materials
 - Bilge water / waste oil operational management
 - Ship scrapping and recycling
 - Waste management operations

DAY THREE:

- ❖ METHODS OF SURVEILLANCE
 - International Bodies: IMP, MEPC, MARPOL
 - Objectives of surveying marine resources
 - Planning considerations: sites, stations and samples
 - Sample size and number, statistical requirements
 - Analysis tools and techniques
 - Compatibility of survey methodologies

DAY FOUR:

- ❖ MANAGEMENT SYSTEMS
 - ISO 14000 series and environmental management
 - Contingency planning and emergency management
 - Marine pollution preparedness and response
 - Methods of intervention and clean-up technologies
 - Port reception facilities according to IMO
 - Human element: training and certification

DAY FIVE:

- ❖ LEGAL ISSUES, LIABILITY AND INSURANCE
 - Criminal liability of persons involved: crew, ship-owner, charterer
 - Accident investigation and surveys
 - Claims: International Oil Pollution Compensation (IOPC) Funds
 - United Nations Convention on Law of Sea (UNCLOS)
 - Small Tanker Oil Pollution Indemnification Agreement (STOPIA)
 - Tanker Oil Pollution Indemnification Agreement (TOPIA)

- ❖ 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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