XCELERATE TRAINING INSTITUTE

your learning & development partner

HEALTH, SAFETY AND ENVIRONMENT (HSE)

Skills for Marine Safety Training Course

DURATION
5 days

LANGUAGE
English

FORMAT
Classroom / Online

Upcoming dates

Dates	Venue	Format	Fee
4 – 8 Jan 2027	France	Classroom	**€4,800**
28 Jun – 2 Jul 2027	Live online	Online (live)	**€1,200**
6 – 10 Dec 2027	Live online	Online (live)	**€1,200**

Register or ask a question

Online: x8ti.com/course/skills-for-marine-safety-training-course/

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Skills for Marine Safety Training Course

Introduction

Introduction

Marine operations include the movement, berthing and UN-berthing of ships and other marine crafts within the limits and approaches of the port authority. Ships are the main means of transport of various liquids and gases, some of which are hazardous and extremely dangerous, if mishandled, to port workers as well as marine flora and fauna.

Thus, vessels carrying dangerous material need to be effectively managed to ensure safety. Marine safety involves prevention of damage and pollution to the marine environment through strict rules, restrictions and legislation.

Port authorities need to follow certain practices and procedures during port operations to maintain marine safety. However, marine safety during port operations does not apply to port authorities and organizations alone but also involves contractors, vendors and other authorized officers working in and around a port.

A safety management system, including a safety policy, is ideal to present uniform guidelines and standards of work and practices during port operations. A safety management system is based upon formal risk assessment of marine activities during port operations.

Successful safety management is possible through effective safety policies, effective management structures, planned and systematic approaches to implementation of the systems, performance measurement against standards and experiential learning and associated amendments.

Marine safety has a huge impact on the environment and can help facilitate commerce; it is closely related to environmental conservation. Human error and natural failure are the two main causes of marine accidents.

Thus, one of the major contributors and influences of marine safety around ports is training and education of port operations' personnel to meet safety standards. Risks to marine safety are reduced by more than half on education and training of personnel carrying out port operations.

This Xcelerate Training Institute course will empower you with knowledge and information regarding best practices to maintain marine safety during port operations. It will provide you all necessary details to ensure that you maintain a safe work

Learning Objectives

- complete information and knowledge of marine safety and its relation to port operations
- the required awareness of best practices during port operations to maintain marine safety
- knowledge about universally accepted standards and guidelines related to marine safety
- the required confidence and experience to drive one's organization towards implementing safety management tools, systems and policies to ensure marine safety

- the required exposure and experience to handle incidents that could pose harm and damage to marine safety
- the skill set and capability to conduct random internal audits to check that port operations are running as per the required standards, inadvertently supporting marine safety
- the necessary foresight to predict or identify possible opportunities for marine accidents and hazards that could impact marine safety, and take timely action to combat these
- the skill set and capability to undertake higher roles and responsibilities successfully, thus securing one's career progression within the organization

Training Methodology

Xcelerate Training Institute Solutions follows a fully customizable approach for all its training courses. The course topics and content are reviewed before each training session to check and confirm relevance to the training audience's professional background and experience.

A highly experienced trainer delivers lectures on the topic of discussion, using detailed-yet-simple presentations. Through the training, the trainer also conducts group discussions and activities to involve trainees in the programmed. Role-plays and case studies bring about variance in the training methodology.

Benefits For Your Organization

- Trained and informed employees to conduct port operations and handle machinery keeping in mind the requirement and importance of marine safety
- Advanced systems and new technologies to assist in operations and minimize chances of human error
- More experienced staff and systems to predict possible chances of accidents that could impact safety and effectively manage incidents that are a threat to marine safety
- Regular internal audits and checks to confirm adherence of port operations to set standards and guidelines
- Reduced accidents and mishaps that could negatively impact marine safety
- Increased credibility because of a strong and robust safety management system
- Increased investments and better economic development because of lesser risks of accidents
- A sense of pride and goodwill contributing to sustaining marine flora and fauna

Benefits For You

- Detailed understanding of marine safety and its relation to port operations
- Increased confidence and experience to effectively handle accidents and mishaps that could pose a threat to marine safety
- Enhanced skill and capability to work with new and advanced technologies and tools to ensure marine safety
- Increased understanding and exposure to partake in framing safety policies and devising and implementing safety management systems within one's organization
- Confidence, perspective and experience to conduct audits to ensure adherence to international, universally accepted standards
- Greater perspective to identify or pr-empt risks of marine accidents that could impact the marine

environment

- Increased skill, experience and exposure to undertake higher roles and responsibilities that are critical in preserving marine life and preventing pollution and that, in turn, help in the economic development of one's organization
- A sense of pride and social service by contributing to preserving marine flora and fauna and preventing marine pollution

Target Audience

- Senior port authorities and officers who need to understand the importance of marine safety, its relation to port operations and the need for training and education of port operations' personnel
- Port operations' personnel who conduct end-to-end operations daily, working on heavy machinery and complicated systems
- Legal officers and advisors who would be involved in legal issues in the event of an accident that affects the marine environment and compromises on marine safety
- Human resource professionals and policy makers who need to drive adherence to safety through policies and guidelines
- Internal and external auditors who would need to check and confirm compliance with internally set standards from time to time
- External vendors and contractors who also play some part and are involved in some part of marine operations
- Any other individual who would like to know more about port operations and their impact on marine safety

Course Outline

Importance of Marine Safety

- Protection from loss of life
- Protection against economic losses
- Protection of the environment/pollution prevention
- Maintenance of a good national reputation (greater economic development)
- Increase cooperation among regions, countries and continents (increased trade and tourism)

Components of Marine Safety

- Aids to navigation
- Seafarers
- Oil spill response system
- Vessel traffic system

Types of Port Marine Operations

- Safe anchorage considering weather/wind
- Managing and marking wrecks
- Positioning and maintaining aids to navigation
- Dredging and other civil engineering work
- Conducting surveys and disseminating results

Components of Port Marine Safety

- Pollution prevention
- Pollution investigation
- Port patrols/surveillance
- Drills and exercises
- Emergency and contingency planning
- Container and facility inspections
- Cargo loading supervision

Ways to Maintain Marine Safety

- Training
- Policies
- Audits
- Technology
- Performance assessment

Key Elements of Successful Safety Management

- Effective safety policies
- Effective management structure
- Planned and systematic implementation approach
- Performance measurement against standards
- Experiential learning and application

Features/Gist of an Ideal Safety Policy

- Safe and efficient organizational asset management
- Discharge of duties and powers
- Maintenance of marine equipment to agreed standards
- Recruitment and training of operational staff to agreed competence levels
- Appropriate training for emergencies and contingencies

Steps in Risk Assessment as Part of Ensuring Safety

- Problem identification, scoping and risk assessment design
- Hazard identification
- Risk analysis
- Assessment of risk control measures
- Identification of new risk control measures

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Registration Form

Skills for Marine Safety Training Course

Preferred dates: ..... Venue or online: .....

Duration: 5 days Language: .....

Please complete and email this form to us, or register online. We confirm your place and send the invoice within one working day.

Delegate information

Full name (Mr / Ms / Dr / Eng): .....

Position: ..... Telephone / mobile: .....

Official email: ..... Personal email: .....

Company information

Company name: .....

Address: .....

City / country: ..... VAT / tax number: .....

Person responsible for training & development

Full name (Mr / Ms / Dr / Eng): .....

Position: ..... Telephone / mobile: .....

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