

€ TRAINING

HSE In Port





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Introduction:

Ports and harbors form a major part of coastal communities. They serve as centers of economic development and the gateway to domestic, regional, and international trade. Port authorities and operators face many challenges with regard to their roles and their impact in the sustainable development of coastal areas. The activities in ports and harbors being of paramount importance also raise the need for seamless and secure operations within and outside the realm of activities and movements.

Program Objectives:

At the end of the program, the participants will be able to:

- Possess complete information about the health and safety of employees and the protection of the environment.
- Demonstrate awareness of best practices to follow at work to minimize pollution to the environment.
- Apply knowledge of certain precautionary measures while working and handling machinery or other equipment to prevent occupational hazards.
- Utilize the necessary information to handle cargo and waste material in a controlled manner, minimizing negative impact on the environment.
- Exhibit the required skill and capability to devise, implement, and manage safety and health management systems in the organization.
- Demonstrate the necessary knowledge and confidence to undertake the training of new employees for protecting and safeguarding them and the organization's assets against hazards.

Targeted Audience:

- Senior port authorities and officers.
- 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 policymakers.
- 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.

Program Outline:

Unit 1:

Types of Oil Work Hazards:

- Motor vehicle accidents.
- Contact injuries.
- Fires and explosions.
- Biological hazards, Ergonomic hazards and Chemical hazards.
- Slips, trips and falls.

Unit 2:

Port Work Hazards:

- Fires and explosions.
- Chemical hazards.
- Weather conditions/tidal movements.
- Physical exhaustion.
- Slips, trips and falls.
- Cargo transport accidents.

Unit 3:

Ship Hazards:

- Fires and electric shocks.
- Carbon dioxide poisoning.
- Electronic device hazards.
- Aluminium tool and paint hazards
- Wind and lightning.
- Oxygen deficiency.

- Spillage.

Unit 4:

Importance of Health and Safety Awareness and Training

- Reduced injury and illness.
- Positive work culture.
- Reduced environmental impact.
- Legal standard adherence.
- Increased employer branding and Increased credibility.
- Reduced risk of losses.

Unit 5:

Elements of a Safety Management System:

- Strategic plan.
- Policies and processes.
- Training and induction.
- Monitoring.
- Supervision.
- Reporting.

Unit 6:

Pillars of a Health and Safety Management System

- Management commitment.
- Clear safety objectives.
- Defined methods and processes.
- Transparency in safety management.