

Introduction to the International Ship and Port Facility Security Code

The International Ship and Port Facility Security Code represents a globally agreed framework established to strengthen maritime security and address potential threats to ships and port facilities. It was introduced following the September 11 attacks in the United States and is incorporated into the International Convention for the Safety of Life at Sea, 1974, specifically in chapter XI-2, which focuses on maritime safety enhancement.

The Code consists of two main parts: a mandatory section and a guidance section. At its core, it adopts a risk management approach that is adaptable to the specific requirements of each ship and port facility. This training program on the International Ship and Port Facility Security Code and marine security management helps participating nations and organizations evaluate threats and vulnerabilities while implementing security measures aligned with designated security levels.

Target Audience

This training course is intended for individuals who are responsible for maritime security within port facilities, especially those assigned with duties under existing security arrangements. It is designed to increase awareness and strengthen the capabilities of personnel involved in implementing security measures.

Course Objectives

By the end of this course, participants will be able to:

- Understand the role of the port facility and the impact of the International Ship and Port Facility Security Code.
- Interpret the requirements of the Code, including both its mandatory and advisory elements.
- Apply risk assessment tools during the Port Facility Security Assessment process.
- Design and structure Port Facility Security Plans for three distinct security levels while gaining deeper knowledge of security protocols.
- Implement port facility security plans effectively in coordination with the ship's security officer and the vessel's master.

Competencies to Be Achieved

Participants will develop expertise in:

- Applying the requirements of the International Ship and Port Facility Security Code.
- Coordinating with ships engaged in international voyages and other vessels covered by the Code.
- Enhancing risk assessment skills and identifying critical maritime infrastructure.
- Developing strong and reliable security measures to raise levels of protection.

- Expanding professional expertise and credibility within the field of maritime security.

Course Outline

Unit 1: Background of the International Maritime Security Framework

- Scope and applicability of the International Ship and Port Facility Security Code
- Types of port facilities and categories of protection
- Fundamental principles and philosophy of the Code
- Related international agreements linked to maritime security
- Detailed examination of the Code's requirements
- Practical aspects of Code implementation
- Responsibilities of contracting governments
- Role and authority of Recognised Security Organisations
- Duties and responsibilities of the Port Facility Security Officer

Unit 2: Recognition and Detection of Weapons, Hazardous Substances, and Devices

- Firearms
- Explosive materials (low and high explosives)
- Incendiary devices
- Grenades
- Detonators and fuses
- Timing mechanisms and power units

Unit 3: Introduction to Port Facility Security

- Structure and administration of port security
- Security organizations and accountability systems
- Handling of sensitive security-related information
- Understanding modern threats and current security challenges
- Methods used to bypass security and their countermeasures
- Security infrastructure and available protective systems
- Behavioral indicators of potential threats
- Effective communication techniques in security contexts

Unit 4: Port Facility Security Assessment

- Modern approaches to risk assessment, including the 4:2:1 model
- Comprehensive methodologies for assessing risk
- Identification of critical points using the CARVER analysis method
- Development of emergency evacuation strategies
- Planning and execution of security search procedures

Unit 5: Port Facility Security Plan

- Application of knowledge gained in Units 1 to 4 in developing a Port Facility Security Plan tailored to specific ports
- Group discussions and interactive exercises to design security plans
- Case studies based on security Level One scenarios
- Case study analysis for security Level Two scenarios
- Exploration of advanced theories and case studies for security Level Three