

€ TRAINING

ISM Principles in Maritime and Offshore
Operations





ISM Principles in Maritime and Offshore Operations

Introduction:

The International Safety Management ISM in Maritime And Offshore Operations training program provides essential knowledge and skills for individuals working in maritime and offshore industries. It equips professionals with the expertise needed to implement ISM principles effectively, mitigate risks, and promote safety in maritime and offshore operations.

Program Objectives:

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

- Understand and articulate the broader context of maritime safety, with a specific focus on the International Safety Management ISM Code.
- Recognize the global significance of ISM legislation within the maritime industry and its profound impact.
- Evaluate the effectiveness of the ISM Code, including its recent revisions, in enhancing maritime safety standards.
- Appreciate the accountability that the ISM Code imposes on companies operating within the maritime sector.
- Comprehend the three core components of the ISM Code: risk assessment, incident reporting, and audit and review processes.

Targeted Audience:

- Nautical Officers.
- Engineers.
- Superintendents.
- Vessel Managers.
- Technical Managers.
- Shipping Companies Management, Inspectors, Quality and Regulatory Compliance.

Program Outlines:

Unit 1:

The Background to the International Safety Management Code:

- Historical context of maritime safety.
- Where did the ISM Code come from.
- The ISM Code within maritime legislation - Safety of Life at Sea SOLAS.
- Regulatory bodies.
- Legal and insurance issues.

Unit 2:

The Aims, Structure, and Content of the ISM Code:

- The ISM Code in full.
- Preamble.
- Part A - Implementation.
- Part B - Certification and Verification.
- Certificates - Document of Compliance DOC & Safety Management Certificate SMC.
- The road from starting to full term certification.

Unit 3:

Company Responsibilities, Authority, and Obligations:

- Company responsibilities.
- The Safety Management System SMS.
- The Role of the Designated Person Ashore DPA.
- Responsibility, authority, accountability of the DPA.
- Master's responsibility and authority.

Unit 4:

Operational Safety Management - Shipboard Operations:

- Functional requirements of an SMS.
- Basis of an effective Management System.

- Key component and role of an SMS.
- Reports and analysis of non-conformities, accidents and hazardous occurrences.
- Emergency preparedness.
- Drills and Exercises.

Unit 5:

Risk Assessment and Management:

- Incident investigation, event and causal factor.
- Hazard identification techniques.
- Risk assessment - qualitative and quantitative methods.
- Risk reduction.
- Safety Culture.
- Internal audits and effective communication.