



International Safety Management (ISM)
Code Familiarization for Maritime and
Offshore Oil & Gas Professionals



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Introduction:

The International Maritime Organization IMO, introduced the ISM Code to the industry in 1998, it is now mandatory for a wider range of cargo ships and mobile offshore drilling units MODU's, and it is seen as a major instrument to safeguard seafarers from workplace hazards. Past maritime major incidents were a terrible warning bell that highlighted the importance of a Safety Management System onboard Vessels and Offshore Installations. By attending this training, the participants will develop a key understanding of the mandatory ISM Code, the very regulation which is impossible to ignore in today's highly regulated industry

Targeted Groups:

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

Course Objectives:

At the end of this course the participants will be able to:

- Understand and explain the context of maritime safety in general and the ISM in particular
- Understand the impact of this globally applicable legislation in the maritime industry
- Comprehend the effectiveness of the ISM Code and its latest revisions
- Understand the accountability that the ISM Code has placed on the Companies
- Understand the three central elements: risk assessment, incident reporting, and audit and review

Targeted Competencies:

- The reasons and background of the implementation of the ISM Code
- The governing principles of the ISM Code
- The Companies responsibilities
- The Role of the Designated Person Ashore DPA
- ISM compliance, internal audits and the system of external verification
- Safety Management Systems - Hazard identification and Risk assessments methodologies -and their role in the ISM Code

Course Content:

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