ISM International Safety Management Code Familiarization for Maritime & Offshore Oil & Gas

14 – 18 November 2027
Manama (Bahrain)



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MERCURY

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Introduction:

The International Maritime Organization IMO introduced the ISM Code to the maritime and offshore oil and gas industry in 1998. It is mandatory for a range of cargo ships and mobile offshore drilling units MODUs. It serves as a crucial instrument to protect seafarers from workplace hazards.

This ISM international safety management code and offshore oil and gas course provides participants with a comprehensive understanding of the ISM Code. This critical regulation must be considered in today's highly regulated industry. Knowledge of offshore oil and gas training and how ISM code implementation affects operational safety and insurance in this sector is also considered.

Targeted Groups:

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

Course Objectives:

Upon completion of this ISM international safety management code and offshore oil and gas course, participants will be able to:

- Understand and explain the maritime safety context in general and the ISM Code, with its role in the offshore oil and gas industry, in particular.
- Grasp the impact of globally applicable legislation in the maritime industry, including offshore oil and gas operations.
- Comprehend the effectiveness of the ISM Code and its latest revisions.
- Recognize the accountability the ISM Code places on Companies.
- Identify the three central elements: risk assessment, incident reporting, and audit and review.

Targeted Competencies:

Upon completion of this ISM international safety management code and offshore oil and gas training, participants' competencies:

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- Background and implementation reasons for the ISM Code.
- Govern principles of the ISM Code.
- Understand companies' responsibilities within the offshore oil and gas industry.
- Role of the Designated Person Ashore DPA.
- ISM compliance, internal audits, and the system of external verification.
- Safety Management Systems - Hazard Identification and Risk Assessment Methodologies and Their Role in the ISM Code.

Offshore Oil and Gas Industry and ISM Code Implementation:

With the expansion of offshore exploration and production activities, offshore oil and gas operations have gained significant attention concerning safety and risk management. The ISM Code is a cornerstone in establishing a systematic approach to safety management for maritime and offshore oil and gas entities.

The course addresses the ISM certification processes and elucidates how the ISM code principles integrate with the offshore oil and gas sector practices. Participants will receive ISM code training essential for satisfying international safety management requirements and mitigating the unique challenges presented by the offshore environment.

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 detail.
- Preamble.
- Part A - Implementation.
- Part B - Certification and Verification.
- Certificates - Document of Compliance DOC and Safety Management Certificate SMC.
- The Journey from Initial to Full-term ISM Code Certification.

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Unit 3: Company Responsibilities, Authority, and Obligations:

- Learn about company responsibilities in the offshore oil and gas industry.
- The Safety Management System SMS.
- The Role of the Designated Person Ashore DPA.
- DPA responsibility, authority, and accountability.
- Master's responsibility and authority within the ISM Code framework.

Unit 4: Operational Safety Management - Shipboard Operations:

- Functional requirements of an SMS.
- Basis of an Effective Management System.
- Core components and roles of an SMS.
- Reports and Analysis of Non-conformities, Accidents, and Hazardous Occurrences.
- Emergency preparedness.
- Drills and Exercises relevant to offshore oil and gas operations.

Unit 5: Risk Assessment and Management:

- Know about incident investigation, event, and causal factors.
- Hazard identification techniques.
- Risk assessment qualitative and quantitative methods.
- Measures for risk reduction.
- Developing a Safety Culture.
- Perform internal audits and ensure effective communication.

Conclusion:

The ISM international safety management code for maritime and offshore oil and gas course underscores the critical role of ISM certification in ensuring safety within the offshore oil and gas industry. As participants delve into offshore oil and gas training, they grasp the significance of adhering to ISM principles in mitigating risks inherent in this sector.

Understanding the ISM code definition becomes paramount, as it is a guiding framework for maintaining safety standards and operational integrity. Through this comprehensive ISM code training course, individuals gain proficiency in implementing safety protocols and safeguarding personnel and assets.

An ISM certificate signifies mastery of international safety management practices, validating one's commitment to upholding industry standards. The ISM code is pivotal in promoting a safety culture within the offshore oil and gas industry, fostering resilience and sustainability in operations.