MERCURY

BOSIET (Basic Offshore Safety Induction & Emergency Training)

14 – 18 February 2027
Sharm El-Sheikh (Egypt)



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Ref: 16299_1083294 **Date:** 14 – 18 February 2027 **Location:** Sharm El-Sheikh (Egypt) **Fees:** 4500 Euro

Introduction:

The BOSIET Basic Offshore Safety Induction & Emergency Training course provides essential knowledge and practical skills for personnel working in offshore environments. It prepares participants for the safety challenges of the oil, gas, and renewable energy sectors. It emphasizes emergency response procedures, safety protocols, and survival techniques in offshore settings. Participants will gain an understanding of offshore hazards, risk mitigation strategies, and best practices for ensuring personal and team safety.

Practical exercises, including lifeboat drills and helicopter underwater escape training, enhance the learning experience. This BOSIET Basic Offshore Safety Induction & Emergency Training program aims to reduce workplace accidents, improve emergency preparedness, and foster a culture of safety awareness. Ultimately, BOSIET equips professionals with the confidence and competence required to operate safely in offshore environments.

Targeted Groups:

This BOSIET Basic Offshore Safety Induction & Emergency Training targets professionals seeking specialized knowledge and skills:

- Offshore rig workers.
- Oil and gas engineers.
- Health, Safety, and Environment Officers.
- Maritime and vessel crew members.
- Emergency response teams.
- Offshore project managers.
- Technical maintenance personnel.
- Contractors assigned to offshore operations.
- Offshore logistics and support staff.
- Personnel involved in renewable energy platforms.

Studying Scenarios:

In this BOSIET Basic Offshore Safety Induction & Emergency Training, participants will develop their skills through the analysis of the following scenarios:

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- Evacuating a drilling rig during fire emergencies.
- Responding to oil spill incidents on offshore platforms.
- Performing life-saving techniques after a helicopter ditching.
- Managing medical emergencies on remote offshore installations.
- Controlling onboard fires using extinguishing systems.
- Conducting risk assessments during maintenance operations.
- Executing lifeboat deployment drills.
- Coordinating emergency response with multiple teams.
- Communicating safety instructions during high-stress situations.
- Analyzing near-miss incidents to improve safety practices.

Course Objectives:

Participants will achieve the following objectives by completing the BOSIET Basic Offshore Safety Induction & Emergency Training course:

- Recognize and respond to offshore hazards.
- Apply safety procedures in daily operations.
- Demonstrate survival skills in emergencies.
- Operate life-saving equipment effectively.
- Navigate offshore evacuation protocols confidently.
- Understand risk assessment and mitigation techniques.
- Perform first aid and emergency response actions.
- Communicate safety instructions clearly.
- Analyze offshore incidents and implement preventive measures to mitigate risks.
- Maintain personal safety while collaborating with teams.
- Adapt to challenging offshore environmental conditions.
- Develop proactive safety awareness habits.
- Execute fire-fighting procedures on offshore installations.
- Conduct helicopter underwater escape operations safely.
- Assess and enhance offshore operational safety culture.
- Integrate emergency response plans into practical scenarios to improve their effectiveness.
- Evaluate the effectiveness of safety drills and exercises.

Targeted Competencies:

Participants will gain the following competencies during the BOSIET Basic Offshore Safety Induction & Emergency Training program:

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- Offshore safety awareness.
- Risk identification and management.
- Emergency preparedness and response.
- Survival techniques and life-saving skills.
- Fire-fighting and hazard control.
- Helicopter underwater escape proficiency.
- Effective communication under pressure.
- Incident analysis and reporting.
- Team collaboration in high-risk environments.
- Personal protective equipment usage.
- Decision-making in critical situations.
- Practical knowledge of offshore protocols.
- Adaptability to changing offshore conditions.

Course Content:

Unit 1: Introduction to Offshore Safety:

- Overview of offshore oil, gas, and energy sectors.
- Common hazards in offshore operations.
- Safety culture and personal accountability.
- Roles and responsibilities of offshore personnel.
- Offshore regulatory standards and compliance.
- Workplace hazard identification techniques.
- Environmental and operational risk awareness.
- Health and Safety Legislation Relevant to Offshore Activities.

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Unit 2: Emergency Response & Evacuation:

- Emergency response planning fundamentals.
- Types of offshore emergencies and response protocols.
- Evacuation procedures for personnel.
- Lifeboat operation and boarding procedures.
- Muster point management and accountability.
- Emergency communication tools and techniques.
- Coordinating with emergency response teams.
- Evacuation drills and performance assessment.

Unit 3: Survival at Sea:

- Personal survival strategies and equipment use.
- Life raft deployment and boarding procedures.
- Survival suits and immersion suits application.
- Basic sea survival techniques and signaling.
- Helicopter underwater escape training HUET principles.
- Safe exit from helicopters in emergencies.
- Managing hypothermia and fatigue during offshore survival.
- Teamwork and coordination during survival situations.

Unit 4: Fire Awareness and Fire-fighting:

- Fire hazards on offshore installations.
- Fire detection and alarm systems.
- Types of fires and appropriate extinguishing methods.
- Use of fire-fighting equipment and PPE.
- Fire evacuation planning and routes.
- Smoke management and control strategies.
- Emergency drills and fire response simulations.
- Reporting and documenting fire incidents.

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Unit 5: First Aid and Incident Management:

- Basic first aid principles for offshore environments.
- Managing injuries and medical emergencies.
- CPR and resuscitation techniques.
- Handling chemical exposure and burns.
- Incident investigation and reporting procedures.
- Risk assessment following incidents.
- Communication with medical support onshore.
- Learning from past incidents to prevent recurrence.
- Integrating safety and health protocols into daily operations.

Final Insights & Key Takeaways:

BOSIET equips participants with the essential knowledge and practical emergency skills required for offshore safety. The course strengthens preparedness for high-risk offshore environments. Participants gain confidence in responding to emergencies and managing hazards effectively. Overall, the program fosters a safety-conscious culture critical to offshore operations.