



A member of RelyOnNutech

COURSE

DIGITAL BASIC OFFSHORE SAFETY INDUCTION & EMERGENCY TRAINING (WITH EMERGENCY BREATHING SYSTEM)

ACCREDITATION



OPITO APPROVED
Code: 5703



COURSE Aim

The aim of the BOSIET (with EBS) is to introduce delegates to the specific safety issues and regimes relevant to offshore installations, and to equip them with the basic emergency response knowledge and skills for travelling to and from offshore installations by helicopter

COURSE OBJECTIVES

The objectives of the BOSIET (with EBS) are that delegates will be able to:

- Identify the generic hazards which are specific to offshore oil and gas installations, potential risks associated with those hazards, and how controls are put in place to eliminate or reduce risks.
- Identify key offshore related safety regulations and explain the basic safety management concepts
- Demonstrate, in a simulated environment, that they can use the safety equipment, and follow procedures in preparing for, and during helicopter emergencies - with particular focus on escaping from a helicopter following ditching
- Demonstrate sea survival and first aid techniques
- Demonstrate that they can effectively use basic firefighting equipment, and practise self-rescue techniques in low visibility situations, to include smoke filled areas.

Pre-requisites for the Digital Delivery of BOSIET (with EBS)

Delegates must complete all online elements contained in the BOSIET (with EBS) online programme prior to attending an OPITO-approved training centre to be formally assessed against all learning outcomes.

All delegate must either:

- a) Possess a valid, current offshore medical certificate or
- b) Possess an employing company approved medical certificate equivalent to an offshore medical certificate, **or**
- c) Undergoes medical screening by completing an appropriate medical screening form provided by the OPITO-approved centre

Delegate Performance Assessment

There is no formal assessment of learning outcomes via the BOSIET (with EBS) On-Line Programme.

Delegates must attend an approved training centre for formal assessment of all learning outcomes within 90 days of completing the online elements

Mode Of Digital Delivery for BOSIET (with EBS)

- **Language** : The Digital BOSIET is currently only available in English
- **Combined** delivery for Digital BOSIET EBS, Digital BOSIET CA-EBS & T-BOSIET is not available
- **The program starts with an introduction video, followed by following modules:**
 - Module 1 – Safety Induction (Approximately 180mins)
 - Module 2 – Helicopter safety and escape (Approximately 120mins)
 - Module 3 – Sea survival and first aid (Approximately 160mins)
 - Module 4 – Firefighting and self-rescue (Approximately 70mins)
- The modules can be taken in any order
- Total duration to complete the above will depend on the learner, however, in general it will take around the same time or less than if it was delivered in a classroom by an instructor
- Learners may access the portal from any web enabled device, including mobile and tablets
- Once a learner is registered for the online Digital BOSIET, they will be able to access the content of the course at any point. There is currently no time limit on this access, but it is advised to complete the online training within 7 days prior to the booked practical assessment date

Learning Outcomes of the Digital Delivery of BOSIET (with EBS)

The Learning Outcomes of the Digital Delivery of BOSIET (with EBS) are identical to those contained in the BOSIET (with EBS) Standard.

Delegates will complete the underpinning knowledge for all learning outcomes via completion of the online BOSIET (with EBS) Programme prior to attending an OPITO-approved training centre to complete formal assessment against all learning outcomes.

The learning outcomes are specified for each of the following modules; they are:

MODULE 1 Learning Outcomes Safety Induction

- 1) To successfully complete this module, delegates must be able to:
- 2) Identify the main offshore hazards and hazard effects/consequences; explain their associated risks, and how they are controlled.
- 3) Explain the potential environmental impact of offshore installation operations.
- 4) Identify key offshore installation safety regulations and explain the basic concept of these regulations.
- 5) Explain the principles of managing safety on offshore installations.
- 6) State the procedure for prescribed medicines offshore.
- 7) Explain the concept of alcohol and substance abuse policy.
- 8) Explain PPE requirements of working on an offshore installation.
- 9) Explain how to report incidents, accidents and near misses on an offshore installation.
- 10) Explain the role of the Offshore Medic.

The learning outcomes are specified for each of the following modules; they are:

MODULE 2 Learning Outcomes Helicopter Safety and Escape

To successfully complete this training, delegates must be able to demonstrate:

- 1) Donning an aviation transit suit, aviation lifejacket and emergency breathing system equipment (EBS) and conducting EBS integrity checks.
- 2) Actions to take in preparation for a helicopter ditching and an emergency landing.
- 3) Actions following a controlled emergency descent to a dry landing with evacuation via a nominated exit.
- 4) Deployment, operation and breathing from EBS in a pool utilizing personal air prior to HUET exercises (delegate to experience positive and negative pressure created by the body orientation in water).
- 5) Actions following a controlled ditching on water (including deploying EBS and, on instruction from aircrew, operation of a push out window) and evacuate through a nominated exit to an aviation liferaft.
- 6) Assist others where possible in carrying out initial actions on boarding the aviation liferaft, to include mooring lines, deploying the sea anchor, raising the canopy and raft maintenance.
- 7) Escaping through a window opening which is underwater, from a partially submerged helicopter (without deploying EBS or operation of a push out window).
- 8) Escaping through a window opening which is underwater, from a partially submerged helicopter (deploying, operating and breathing from EBS equipment but without operation of a push out window).
- 9) Escaping through a window opening which is underwater, from a partially submerged helicopter (deploying, operating and breathing from EBS equipment and operation of a push out window).
- 10) Escaping through a window opening which is underwater, from a capsized helicopter (without deployment of EBS or operation of a push out window).
- 11) Escaping through a window opening which is underwater, from a capsized helicopter (*deploying and operating EBS on the surface prior to capsize but without operation of a push out window).
- 12) Escaping through a window opening which is underwater, from a capsized helicopter (*deploying and operating EBS on the surface prior to capsize and the operation of a push out window).
- 13) Inflating an aviation lifejacket and deploying a spray visor in water
- 14) Boarding an aviation liferaft from water.

Learning Outcomes

The learning outcomes are specified for each of the following modules; they are:

MODULE 3 Learning outcomes Sea Survival

To successfully complete this module, delegates must be able to demonstrate:

- 1) Donning of a permanent buoyancy lifejacket prior to use in an emergency.
- 2) The correct actions when mustering and boarding a survival craft (TEMPSC) as a passenger during launching operations.
- 3) Fitting of a helicopter rescue device and correct body posture during winching.
- 4) Water entry (stepping off poolside, maximum height 1 metre) and the precautions to be taken when entering the water
- 5) Individual and group sea survival techniques, to include swimming, getting into Heat Escape Lessening Position (HELP), wave-slap protection, towing, chain, huddle and circle.
- 6) Boarding a marine liferaft from the water.
- 7) *Immediate first aid actions, including checking airways, breathing and industry recognized first aid practice

MODULE 4 Learning Outcomes Firefighting and Self Rescue

To successfully complete this module, delegates must be able to demonstrate:

- 1) Correct use of handheld portable fire extinguishers and which ones to use for different classes of fires.
- 2) Self-rescue techniques with a smoke hood or partial blindfold from areas where delegate visibility is reduced.
- 3) Self-rescue techniques with a smoke hood or partial blindfold from areas where delegate visibility is completely obscured.
- 4) Small group escape techniques with a smoke hood or partial blindfold from areas where delegate visibility is completely obscured.

TARGET GROUP

This training programme is designed to meet the initial offshore safety and emergency response training requirements for personnel new (or returning) to the offshore oil and gas industry who will be supplied with a rebreather emergency breathing system (EBS) during offshore helicopter travel.

DURATION

1 Day (Maximum 8 Delegates) Assessment

CERTIFICATE VALIDITY

4 Years

