

Joining Instructions

TBOSIET CA-EBS

Course Aim and Target Group - this program is designed to meet the initial safety and emergency response training requirements for personnel new to the offshore oil and gas industry.

Accreditation: OPITO

Duration: 3 days

Cost: \$925.00/delegate

Validation: 4 years

Course Lesson Plan

Basic Safety Induction Learning Outcomes:

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

Helicopter Safety and Escape Learning Outcomes:

- (1) Donning an aviation lifejacket.
- (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) Actions following a controlled ditching on water (including operation of a push out window on instruction from aircrew) and evacuate through a nominated exit to an aviation liferaft.
- (5) 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.
- (6) Escaping through a window opening which is underwater, from a partially submerged helicopter (without operation of a push out window).
- (7) Escaping through a window opening which is underwater, from a partially submerged helicopter (including the operation of a push out window).
- (8) Escaping through a window opening which is underwater, from a capsized helicopter

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(without operation of a push out window).

- (9) Escaping through a window opening which is underwater, from a capsized helicopter (including the operation of a push out window)
- (10) Inflating an aviation lifejacket and deploying a spray visor in water
- (11) Boarding an aviation liferaft from water.

Compressed Air Emergency Breathing System – CA-EBS Learning Outcomes:

- (1) Donning of an aviation lifejacket, compressed air emergency breathing system (CA-EBS) equipment and conducting integrity checks of the CA-EBS equipment, including buddy checks
- (2) Deploying (left and right hand) and breathing from CA-EBS equipment at atmospheric pressure in dry conditions
- (3) Following instruction from the crew, location of CA-EBS equipment and evacuation from a helicopter using a nominated exit, following a controlled emergency descent to a dry landing (conducted in helicopter simulator at poolside on dry land)
- (4) Actions to be taken in preparing for an in-water ditching including location of exit, deploying and breathing from CA-EBS equipment at atmospheric pressure in dry conditions (conducted in helicopter simulator at poolside on dry land)
- (5) Deploying CA-EBS (above the water surface) and breathing from the CA-EBS in a pool, face down in shallow water (at a maximum depth of 0.7m, measured at the chest)
- (6) Deploying CA-EBS (below the water surface, face down in a pool in shallow water) and clearing the mouthpiece by exhaling under the water surface (at a maximum depth of 0.7m, measured at the chest)
- (7) Deploying CA-EBS (below the water surface, face down in a pool in shallow water, using opposite hand to previous exercise) and clearing with purge button under the water surface (at a maximum depth of 0.7m, measured at the chest)
- (8) Deploying CA-EBS (above water surface), in a pool and breathing from CA-EBS underwater in a vertical position (at a maximum depth of 0.7m, measured at the chest)
- (9) Deploying CA-EBS (underwater), in a pool and breathing from CA-EBS underwater in a vertical position (at a maximum depth of 0.7m, measured at the chest)
- (10) Deploying CA-EBS (underwater), in a pool, breathing from CA-EBS underwater, and moving along a horizontal rail for a period of no less than 30 seconds, including a change in direction (at a maximum depth of 0.7m, measured at the chest)

Sea Survival/Emergency First Aid Learning Outcomes:

- (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.

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- (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 recognised first aid practice

Fire Fighting and Self Rescue Learning Outcomes:

- (1) Correct use of hand held 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.

Physical / Health Demands:

Emergency response training contains physically demanding and potentially stressful elements. All personnel who participate in such training must be medically fit and capable of participating fully. All personnel will be required to complete a self-declaration of fitness form prior to commencement of practical.

Start / Finish Times:

Training courses will begin at 7:30 am and should conclude by 4:30 pm; it is recommended that delegates arrive at 7:00 am.

Equipment Requirements:

Delegates are expected to provide the following items during training:

- Government Issued Photo Identification – **Required**
- Towel
- Swimwear
- Appropriate clothing for all practical sessions
 - Open toe shoes, shorts, and sleeveless shirts are prohibited
- Safety-Toe footwear for practical sessions



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Meals / Refreshments:

Delegates will be provided with a 1 hour lunch break with meals provided at client's expense. Coffee and water will be available free of charge. Periodic breaks will be offered to delegate's during training.

Course Delivery and Special Needs:

All course materials, assessments, and documentation will be conducted in American English language only. Delegates with any special needs should contact us in advance to ensure that these requirements are met.

Assessments:

Delegates are assessed against industry agreed competency standards. Should delegates fail to meet these standards, our staff shall provide additional coaching to provide the delegate with additional opportunities to meet the requirements.

Certification:

Successful delegates shall receive a Certificate and Identification Card with a copy of the certificate sent to the employer. The delegate's successful completion will also be recorded in a central training register maintained by OPITO.

OPITO Introduction Video: <https://www.opito.com/content/opito-basic-offshore-safety-induction-and-emergency-training-bosiet>