Joining Instructions

TFOET (CA-EBS)

Course Aim and Target Group – This program is designed to meet the further offshore safety and emergency response training requirements for personnel working in the offshore oil and gas industry in a tropical environment who require additional training in a Compressed Air Emergency Breathing System (CA-EBS).

Accreditation: OPITO

Duration: 8 hours

Validation: 4 years

Course Outcomes

Further Helicopter Safety and Escape – Tropical

The Learner will understand:

1. Helicopter safety and escape techniques

The Learner will perform:

2. Practical Helicopter Escape Techniques
    1. Donning of an aviation life jacket
    2. Actions to take in preparing for a helicopter ditching
    3. Operating a push out window on instruction from aircrew and carrying out a dry evacuation via a nominated emergency exit to an aviation liferaft from a helicopter ditched on water
    4. Assisting others where possible and carrying out initial actions, to include mooring lines, deploying the sea anchor, raising the canopy and raft maintenance) and secondary actions, to include posting lookouts, activating the radio beacons and first aid equipment, on boarding the aviation liferaft
    5. Escape, through a window opening which is under water, from a partially submerged helicopter (without operating a push out window).
    6. Escape, through a window opening which is under water from a partially submerged helicopter (including operating a push out window)
    7. Escape, through a window opening which is under water, from a capsized helicopter (including operating a push out window), inflating a lifejacket, deploying a spray visor and carrying out in- water procedures (including individual and group survival techniques) – swimming, HELP, towing, chain, huddle and circle
    8. Boarding of an aviation liferaft from the water
    9. Being rescued by one of the recognised methods available offshore

Helicopter Emergencies (CA-EBS)

The Learner will understand:

1. Use of Compressed air emergency breathing systems (CA-EBS)

The Learner will perform:

2. Use of Compressed Air Emergency Breathing System (CA-EBS)
    1. The pre-donning checks on the life jacket and compressed air EBS, including:

1. Pressure indicator reading
2. Appropriate on/off status indicator (if fitted)
3. Ratchet knob on/off (if fitted)

2. How to don the life jacket complete with compressed air EBS:
    1. Ensuring life jacket waist belt is not twisted (if fitted)
    2. Fastening of life jacket
    3. Adjustment of waist belt to ensure correct fit
    4. Engagement of crotch strap ensuring a correct fit and roll away and securing of excess webbing (if fitted)
    5. Ensure CA-EBS mouthpiece is correctly fitted
    6. Ensure CA-EBS hose is correctly fitted (where appropriate)
3. Deployment of CA-EBS, including:
    1. One handed deployment of the mouthpiece and nose clip in accordance with manufacturers' guidelines
    2. How to achieve a good seal around mouthpiece
    3. How to purge water from the mouthpiece
    4. How to recover a dislodged mouthpiece
    5. Use of demand valve

3. Practical Helicopter Escape
    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)
4. CA-EBS Training (In-Water)
    1. 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)
    2. 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)
    3. 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)

4. 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)
5. 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)
6. 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)

Further Firefighting and Self Rescue

The learner will perform:

1. Raising the alarm on discovery of a fire
    1. Raising the alarm on discovery of a fire
    2. Correct operation of handheld portable fire extinguishers in extinguishing Class A or Class B fires.
2. Self-Rescue Techniques
    1. Techniques with a smoke hood or partial blindfold from areas where learner visibility is reduced.
    2. Self-rescue techniques with a smoke hood or partial blindfold from areas where learner visibility is completely obscured.
    3. Small group escape techniques with a smoke hood or partial blindfold from areas where learner visibility is completely obscured concluding with a muster exercise

Further Emergency First Aid

The Learner will understand:

1. Emergency First Aid

The Learner will perform:

2. Immediate first aid techniques
    1. Raising the alarm
    2. Assessing the situation
    3. Checking the area is safe
    4. Industry recognised first aid practice

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.

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Start / Finish Times:

Training courses will begin at 7:30 am and should conclude between 4:00 and 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

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:

Learners are assessed against industry agreed competency standards in order to demonstrate that they have achieved an understanding of the information and concepts detailed in each of the Unit Outcomes. This may be achieved through a variety of methods, including but not limited to: group or individual discussion, verbal or written questioning, scenarios, virtual simulation, and eLearning. Should learners fail to meet these standards, our staff shall provide additional coaching to provide the learner 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.

About OPITO:

OPITO is the global, not-for-profit, skills body for the energy industry. For over three decades the company has ensured safety is at the forefront of operations, with more than 375,000 people trained every year.

Links:

https://opito.com/