Joining Instructions

THUET (with CA-EBS)

Course Aim and Target Group – This program is designed to meet the offshore safety and emergency response training requirements for personnel new (or returning) to 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: 8-10 hours

Validation: 4 years

Course Outcomes

Helicopter Safety and Escape - Tropical

The Learner will understand:

1. Helicopter Travel
2. Helicopter Emergencies

The Learner will perform:

3. Practical Helicopter Escape Techniques
    1. Donning of an aviation life jacket
    2. Actions to take in preparing for a helicopter ditching/emergency landing
    3. Following instruction from the crew, evacuation from a helicopter using a nominated exit, following a controlled emergency descent to a dry landing
    4. Dry evacuation, using a nominated exit, to an aviation life raft from a helicopter ditched on water (including on instructions from aircrew, operation of a push out window), assisting others where possible and carrying out initial actions on boarding the aviation life raft, to include: mooring lines, deploying the sea anchor, raising the canopy and raft maintenance
    5. Escaping through a window opening which is under water, from a partially submerged helicopter (without operation of a push out window)
    6. Escaping through a window opening which is under water, from a partially submerged helicopter (including operation of a push-out window)
    7. Escaping through a window opening which is under water, from a capsized helicopter (without operating a pushout window)
    8. Escaping through a window opening which is under water, from a capsized helicopter (including operation of a push-out window)
    9. Inflation of an aviation lifejacket, deployment of spray visor and boarding of an aviation life raft from the water
    10. Being rescued by one of the recognised methods available offshore and survivor actions following rescue.

Compressed Air Emergency Breathing System – CA-EBS

The learner will understand:

1. The use of a Compressed Air Emergency Breathing System (CAEBS)

M&A Safety Services

FMTC a unique experience

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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
    4. Donning of an aviation lifejacket, compressed air emergency breathing system (CA-EBS) equipment and conducting integrity checks of the CAEBS equipment, including buddy checks
    5. Deploying (left and right hand) and breathing from CA-EBS equipment at atmospheric pressure in dry conditions
    6. 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)
    7. Actions to be taken in preparing for an in-water ditching including location of exit, deploying and breathing from CAEBS equipment at atmospheric pressure in dry conditions (conducted in helicopter simulator at poolside on dry land)
4. CA-EBS Training (In-Water)
    8. 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)
    9. 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)

10. 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)
11. 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)
12. 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)
13. 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

The learner will understand:

1. Evacuation Methods and Procedures

The learner will perform:

2. Muster and Actions Upon Boarding a Survival Craft (TEMPSC) and Actions Upon Boarding a Marine Liferaft
    1. Mustering, donning a life jacket, boarding and strapping in as a TEMPSC passenger
    2. Boarding a marine life raft from the water and carrying out initial actions, to include mooring lines, deploying the sea anchor, raft maintenance and secondary actions, to include posting lookouts, activating the radio beacons and first aid equipment (Note: To be demonstrated by instructional staff)
3. Sea Survival and emergency In-water actions
    1. Water entry (stepping off poolside, maximum 1m height) and the precautions when entering the water
    2. The fitting of a helicopter rescue device, subsequent lifting and (simulated) entry into a rescue helicopter including:
        1. Single strop
        2. Body posture
        3. Aircraft entry
    3. In-water survival techniques, to include:
        1. Individual techniques:
            a. Swimming
            b. HELP
            c. wave slap protection
        2. Group survival techniques:
            a. towing
            b. chain
            c. huddle

d. circle

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 between 4:30 and 5:30 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/