

06SHE001

Basic Offshore Safety Induction and Emergency Training (with CA-EBS)

Duration	3 days
Target group	Offshore
Prerequisites	None
Objective	<p>This training program will prepare delegates that intend to travel to and from offshore oil and gas installations and vessels by helicopter in a cold water environment by providing specific training in pre-flight and in-flight requirements and to equip delegates with the basic emergency response knowledge and skills required in the event of a helicopter emergency – with specific focus on escaping from a helicopter following ditching and sea survival techniques.</p>
Contents	<p>MODULE 1 Learning Outcomes Safety Induction</p> <ol style="list-style-type: none"> (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. <p>MODULE 2 Learning Outcomes Helicopter Safety and Escape</p> <ol style="list-style-type: none"> (1) Donning of an aviation transit suit, 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) Actions to take in preparing for a helicopter emergency landing (4) 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) (5) 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) (6) Dry evacuation, using a nominated exit, to an aviation life raft from a helicopter ditched on water (and, on instructions from the 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*

(7) Escaping through a window opening which is underwater, from a partially submerged helicopter (without operation of a push out window)*

(8) Escaping through a window opening which is underwater, from a partially submerged helicopter (with operation of a push out window)*

(9) Escaping through a window opening which is underwater, from a capsized helicopter (without operation of a push out window)*

(10) Inflation of an aviation lifejacket, deployment of a spray visor and boarding of an aviation life raft from the water*

(11) 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)

(12) 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)

(13) 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)

(14) 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)

(15) 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)

(16) 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)

Exam

Written Exam: 80% completion required

Practicals: Completion of all hands on exercises