

<b>Title</b>	<b>Describe and demonstrate basic helicopter safety and underwater techniques in an offshore installation environment</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	<p>This unit standard is for the induction of people to undertake helicopter safety and underwater escape training before being transported by helicopter in an energy and chemical offshore installation environment.</p> <p>People credited with this unit standard are able to: identify and describe helicopter safety and escape equipment, techniques, and procedures; and demonstrate escape and emergency techniques for a helicopter in the sea, for an offshore installation environment.</p>
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<b>Classification</b>	Aviation > Aircraft Operation
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation and guidelines relevant to this unit standard includes but is not limited to:
  - Health and Safety at Work Act 2015;
  - Helicopter Underwater Escape Training (HUET) module from the Basic Offshore Safety Induction and Emergency Training BOSIET standard, [www.opito.com](http://www.opito.com);
  - *First Aid for Workplaces – A Good Practice Guide – August 2011* available from the Worksafe New Zealand website, <http://www.worksafe.govt.nz>;
  - *New Zealand Resuscitation Council Level 1/2/3 Guidelines (2016)* and any subsequent amendments, published by the New Zealand Resuscitation Council Inc; available from New Zealand Resuscitation Council website, <http://www.nzrc.org.nz>; and any subsequent amendments.
- 2 Definition
 

*Site requirements* – the site-specific documented methods for performing work activities and include health, safety, environmental, and quality management requirements. They may refer to manuals, codes of practice, or policy statements.
- 3 For the purposes of assessment:
  - evidence for the practical components of this unit standard must be supplied from the workplace.
  - evidence for all outcomes must be presented in accordance with site requirements.

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## Outcomes and performance criteria

### Outcome 1

Identify and describe helicopter safety and escape equipment, techniques, and procedures for an offshore installation environment.

#### Performance criteria

- 1.1 Describe techniques for safe movement in and around the helicopter.
- Range embarkation, disembarkation, eye contact with pilot before approach, danger zones, 'no step', foreign object damage, pre-flight safety briefing.
- 1.2 Identify onboard safety equipment and describe site procedures for its use in relation to passenger responsibilities.
- Range floats, emergency exits, life rafts, seatbelts, radios, emergency exit releases, survival and signalling equipment, the selection and donning of survival suit and life jacket.
- 1.3 Identify helicopter evacuation points in terms of their location and purpose.
- Range emergency exits, primary and secondary escape routes, handholds.
- 1.4 Describe personnel responsibilities in the event of an emergency.
- Range pilot, co-pilot, passengers.
- 1.5 Identify and describe potential hazards of helicopter emergency landing in terms of the actions to be taken in the event of their occurrence.
- Range exit hazards, panic, life jacket inflation inside aircraft, hypothermia risks, loose equipment, jagged edges, passenger injuries, incorrect bracing, failure to survive, attenuation of seats, cold shock, disorientation.
- 1.6 Describe helicopter evacuation in terms of the procedures.
- Range life raft and equipment operating procedures, emergency signalling procedures, pilot/cabin safety officer instructions, use of emergency flares and beacons.
- 1.7 Describe helicopter ditching survival techniques.
- Range survival equipment, first aid, brace position, ditching position, life jacket inflation, securing of loose equipment, who gives instructions, assist fellow passengers, follow emergency action plan, prepare for action plan.

**Outcome 2**

Demonstrate escape and emergency techniques for a helicopter in the sea in an offshore installation environment.

**Performance criteria**

2.1 Demonstrate inverted and submerged simulator escape techniques in accordance with manufacturer's recommendations.

Range preparatory actions prior to ditching, with and without push out windows and doors.

2.2 Demonstrate fitting of a strop and body posture during winching in accordance with manufacturer's recommendations.

<b>Replacement information</b>	This unit standard replaced unit standard 9580.
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<b>Planned review date</b>	31 December 2025
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	27 February 2020	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0079
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact the Primary Industry Training Organisation [standards@primaryto.ac.nz](mailto:standards@primaryto.ac.nz) if you wish to suggest changes to the content of this unit standard.