Title	**Demonstrate knowledge of and use a Personal Escape System on an offshore platform**		
Level	**2**	**Credits**	**3**

Purpose	This unit standard is for people working on an offshore platform in the energy and chemical industry. People credited with this unit are able to: demonstrate knowledge of the use, components, and operation of a PES; and demonstrate safe use of a PES from an offshore platform.

Classification	Energy and Chemical Plant > Safety and Legislation for Energy and Chemical Plant

Available grade	Achieved

Guidance Information

1 Legislation relevant to this unit standard includes but is not limited to:
- Health and Safety at Work Act 2015;
  and any subsequent amendments.

2 Definitions
Organisational requirements – documented policies and procedures. These may include: equipment manufacturers' procedures, plant procedures, suppliers' instructions; site signage; codes of practice; company health and safety plans; on site briefings; and supervisor's instructions. This includes all regulatory and legislative obligations that apply to the plant.
PES (Personal Escape System) is an emergency escape system based on the abseiling principle.

3 For the purposes of assessment, evidence:
- for the practical components of this unit standard must be supplied from the workplace;
- for all outcomes must be presented in accordance with organisational requirements;
- may be obtained in a simulated environment that closely reflects an offshore platform.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the use, components, and operation of a PES.

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Performance criteria

1.1 Describe a PES in terms of the situations in which it should be used.

Range evidence of two situations is required.

1.2 Identify and describe the components of a PES in terms of their purpose.

1.3 Describe the operational procedures for use of a PES in terms of achieving safe escapes.

Outcome 2

Demonstrate safe use of a PES from an offshore platform.

Performance criteria

2.1 Remove the PES unit from its storage position and interpret the instructions.

2.2 Check integrity of the security seal before use.

2.3 Remove the double action safety hook karabiner from the containment bag and attach to an appropriate anchor point.

2.4 Remove the triangular harness and controlling device and apply the harness.

2.5 Attach the containment bag to a secure anchor point.

Range rope length adjusted, decentre locked off.

2.6 Make a descent.

Range lock taken off, one hand on the un-weighted rope, descender utilised.

2.7 Use the quick release when sea level is reached.

2.8 Attach the PES to a life raft painter line.

Planned review date	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	25 July 2007	31 December 2018
Revision	2	19 September 2008	31 December 2018
Rollover and Revision	3	20 April 2017	31 December 2022
Review	4	27 February 2020	N/A
Revision	5	26 August 2021	N/A

Consent and Moderation Requirements (CMR) reference	0079

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@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.

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