

Title	Lead a petrochemical emergency response team		
Level	5	Credits	8

Purpose	<p>This unit standard is for people (either paid or volunteer) who may have to respond to petrochemical emergencies as a member of an emergency response team at a petrochemical worksite, or as a member of a fire and rescue service.</p> <p>People credited with this unit standard are able to: assess petrochemical emergency; select and apply petrochemical emergency strategies and tactics; lead petrochemical emergency control operations; and ensure that recovery actions can proceed for petrochemical emergency operations.</p>
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Classification	Fire and Rescue Services > Fire and Rescue Services - Generic Fire Fighting
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Available grade	Achieved
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Guidance Information

- 1 Recommended: Unit 14898, *Exercise initial command and control at fuel fires*; and Unit 3272, *Wear and operate breathing apparatus in general emergencies*; or demonstrate equivalent knowledge and skills.
- 2 Compliance with the fire and rescue service provider's Health and Safety policy and procedures is mandatory.
- 3 *Fire and rescue service provider's requirements or Standard Operating Procedures (SOPs)* refer to policies and procedures on safety and operation set down by each fire and rescue service employer or host organisation.
- 4 Assessment against this unit standard may take place under real or practical simulated conditions.
- 5 All aspects of assessment against this unit standard must comply with the Health and Safety in Employment Act 1992, Occupational Safety and Health Service guidelines, and their subsequent amendments.
- 6 Emergencies covered by this unit standard could include fires, gas releases, spills, and rescues.

Outcomes and performance criteria

Outcome 1

Assess petrochemical emergency.

Performance criteria

- 1.1 The situation is assessed in accordance with the fire and rescue service provider's requirements.
- Range type of incident, size and scale, complexity, resources, constraints.
- 1.2 Objectives are set that meet the requirements of the assessed situation.
- Range protection requirements, rescue, containment and control of emergency.

Outcome 2

Select and apply petrochemical emergency strategies and tactics.

Performance criteria

- 2.1 Strategies are decided and the incident action plan is developed from all available data in accordance with the fire and rescue service provider's requirements.
- 2.2 Selection of tactics is in accordance with emergency response plans.
- Range control, containment, isolation.

Outcome 3

Lead petrochemical emergency control operations.

Performance criteria

- 3.1 Lead initial response using equipment selected in accordance with the fire and rescue service provider's requirements.
- 3.2 Communication is maintained with team members for the duration of the operation in accordance with the fire and rescue service provider's requirements.
- 3.3 The situation is reassessed and strategies and tactics are reviewed, and changes implemented, in response to incident variables in accordance with the fire and rescue service provider's requirements.
- Range tactics, progress, process controls.

Outcome 4

Ensure that recovery actions can proceed for petrochemical emergency operations.

Performance criteria

4.1 Hazards arising from the emergency are identified in accordance with the fire and rescue service provider's requirements.

Range may include but is not limited to – prevention of ignition, containment of run off, containment of residual product, site security, environmental hazards, protection of evidence.

4.2 Status of the incident and site are reported in accordance with the fire and rescue service provider's requirements.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	16 March 1995	31 December 2025
Review	2	27 May 1998	31 December 2025
Review	3	25 March 2004	31 December 2025
Revision	4	20 November 2006	31 December 2025
Review	5	20 November 2009	31 December 2025
Review	6	30 September 2021	31 December 2025

Consent and Moderation Requirements (CMR) reference	0039
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.