

Title	Demonstrate knowledge of and use personal protection equipment in an energy and chemical plant		
Level	2	Credits	2

Purpose	People credited with this unit standard are able to demonstrate knowledge of and use personal protective equipment in an energy and chemical plant.
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Classification	Energy and Chemical Plant > Safety and Legislation for Energy and Chemical Plant
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Available grade	Achieved
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Guidance information

- 1 Legislation relevant to this unit standard includes but is not limited to:
 - Health and Safety at Work Act 2015;
 - Health and Safety at Work (Hazardous Substances) Regulations 2017 (HSWA);
 - Resource Management Act 1991;
 - and any subsequent amendments.

- 2 Definitions

Energy and chemical plant may be in – petrochemical, agri-nutrient, power generation, dairy processing, meat processing, and wood fibre manufacturing, or other plants that operate with a combination of high temperatures, pressures, steam and/or chemicals in gas, liquid or solid form.

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.

Plant – the operational unit, equipment and/or workplace at which the person is working.

- 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.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of personal protective equipment in an energy and chemical plant.

Performance criteria

1.1 Describe personal protective equipment in terms of use and application.

Range hard hat, bump cap, safety shoes and boots, gumboots, glasses, goggles, face shields, gloves, barrier cream, overalls, wet weather gear, ear protection, respiratory protection, chemical suit.

1.2 Assess personal protective equipment in terms of condition and status.

Range wear and tear, worn out, expiry date, damage, hygiene, integrity, contamination, set up, location, storage, availability.

1.3 Describe personal protective equipment in terms of controls.

Range register, testing, audit, replacement.

Outcome 2

Use personal protective equipment in an energy and chemical plant.

Performance criteria

2.1 Assess workplace conditions and activities to determine personal protective equipment requirements.

2.2 Fit and wear personal protective equipment for workplace activities.

Range safety policies, operations procedures, signage, permit requirements, vendor's manuals.

2.3 Care for and maintain personal protective equipment.

Range monitoring, checking, replacing, cleanliness, storage.

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	6 February 1997	31 December 2018
Revision	2	3 August 2000	31 December 2018
Review	3	24 January 2002	31 December 2018
Review	4	20 February 2009	31 December 2018
Rollover and Revision	5	20 April 2017	31 December 2022
Review	6	27 February 2020	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.