Title	**Demonstrate knowledge of dangerous goods as a cargo handler**
Level	3	**Credits**	5

Purpose	People credited with this unit standard are able to demonstrate knowledge of dangerous goods as a cargo handler.

Classification	Stevedoring and Ports Industry > Cargo Operations

Available grade	Achieved

Guidance Information

1   Legislative and formal regulatory requirements relevant to this unit standard include –
     Health and Safety at Work Act 2015;
     Hazardous Substances and New Organisms Act 1996;
     Approved Code of Practice for Health and Safety in Port Operations, available at
     Health and safety in port operations | WorkSafe;
     New Zealand Port and Harbour Marine Safety Code, available at New Zealand Port
     and Harbour Marine Safety Code - Maritime NZ;
     IMDG (International Maritime Dangerous Goods) Code, available at www.imo.org;
     Part 24A Carriage of Cargoes – Dangerous Goods, available at Part 24A: Carriage of
     Cargoes – Dangerous Goods;
     NZS 5433:2020 *Transport of dangerous goods on land,* available at NZS 5433:2020
     :: Standards New Zealand;
     and local port bylaws.

2   Any new, amended or replacement Acts, regulations, standards, codes of practice,
     guidelines, or authority requirements or conditions affecting this unit standard will
     take precedence for assessment purposes, pending review of this unit standard.

3   Evidence presented for assessment against this unit standard must be consistent
     with safe working practices and be in accordance with company requirements,
     legislative requirements and regulatory requirements.

4   Definitions
     Company requirements refer to instructions to staff on policy and procedures that are
     available in the workplace. These requirements may include – company policies and
     procedures, work instructions and legislative requirements.
     Regulatory requirements refer to regulations set by but not limited to the New
     Zealand Customs Service, Ministry for Primary Industries and WorkSafe New
     Zealand.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of dangerous goods as a cargo handler.

Performance criteria

1.1   Dangerous goods are identified in terms of classes and additional hazards, and their associated hazards, labelling, and compatibility.

   Range   classes – classes 1-9, including sub-classes;
             additional hazards – marine pollutant, elevated temperature, fumigation warning;
             labelling includes primary and subsidiary risk labelling.

1.2   Dangerous goods documentation is explained in terms of purpose and content.

   Range   dangerous goods declaration form, container or vehicle packing certificate.

1.3   Segregation and access requirements are explained for placement of dangerous goods on board a vessel and in the yard.

1.4   Safe handling for dangerous goods is described.

   Range   use of handling equipment, use of appropriate signage and barriers, personal protective equipment, no smoking precautions, maintaining non-necessary personnel away from working areas, avoidance of exposure to hazards presented by the dangerous goods.

1.5   Procedure for notifying problems and emergencies with dangerous goods is described.

   Range   leaking materials; damaged container or packaging;
             may include – blocked container door, misplaced container, error in stow plan or sequence sheet.

1.6   Procedure for responding to an emergency involving dangerous goods is described.

Planned review date	31 December 2024

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 February 2003	31 December 2023
Rollover and Revision	2	18 September 2009	31 December 2023
Review	3	17 September 2015	31 December 2023
Review	4	24 February 2022	N/A

Consent and Moderation Requirements (CMR) reference	0014

This CMR can be accessed at http://www.nzqa.govt.nz/framework/search/index.do.

Comments on this unit standard

Please contact Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.