

Title	Demonstrate knowledge of health, safety, and environmental requirements relating to construction and demolition waste		
Level	3	Credits	6

Purpose	<p>This unit standard is for people working in the resource recovery industry but may also be appropriate for people working in the construction or demolition industries.</p> <p>People credited with this unit standard are able to demonstrate knowledge of: requirements for health and safety relating to construction and demolition waste; health and safety hazards of construction and demolition waste and methods for their control; and environmental protection relating to construction and demolition waste.</p>
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Classification	Resource Recovery > Resource Recovery - Construction and Demolition
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Available grade	Achieved
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Guidance Information

- References relevant to this unit standard include:
 - Health and Safety at Work (HSW) Act 2015;
 - Health and Safety at Work Regulations 2016;
 - Resource Management Act 1991 (RMA);
 - Hazardous Substances and New Organisms Act 1996 (HSNO);
 - Smoke-free Environments Act 1990;
 - Health and Safety in Employment (Asbestos) Regulations 2016;
 - local authority bylaws;
 - Approved Code of Practice for the Management of Noise in the Workplace, available at <http://www.worksafe.govt.nz>;
 - AS/NZS 1269.3:2005 Occupational noise management - Hearing protector program;
 - Fork-lift Truck Operators Safety Code No 1 – Front Loading Fork-lift Trucks, published by the Department of Labour; available at <https://shop.standards.govt.nz>;
 - The New Zealand Waste Strategy: Reducing Harm, Improving Efficiency 2010 Ministry for the Environment, available at <http://www.mfe.govt.nz>.
 - guidelines for landfill and cleanfill sites;
 - REBRI (Resource Efficiency in the Building and Related Industries) guidelines for reducing building material wastes, available at <http://www.branz.co.nz/REBRI>.
- Definition

Company procedures mean the documented methods for performing work activities and include health and safety, environmental, and quality management.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of requirements for health and safety relating to construction and demolition waste.

Performance criteria

- 1.1 Legislative requirements for health and safety in the workplace are identified in terms of general aims and objectives.
- Range HSW Act, HSW Regulations, HSNO Act, RMA, Smoke-free Environments Act, bylaws.
- 1.2 Occupational safety and health requirements are described in terms of employer and employee responsibilities, rights, and obligations.
- Range may include but is not limited to – safety inspection, health surveillance, noise survey, employee stress, employee fatigue, preventative maintenance programme, first aid provisions, lighting, ergonomics, hazard management, standard operating procedures, monitoring, hygiene.
- 1.3 Codes of practice and standards relevant to construction and demolition waste are identified and their safety and health requirements are outlined.
- Range includes but is not limited to – forklift, noise.
- 1.4 Requirements for the provision, maintenance, and use of protective clothing and amenities are described in accordance with regulations and Occupational Safety and Health policy.
- 1.5 Requirements for accident investigations are described in accordance with the HSW Act and company procedures.

Outcome 2

Demonstrate knowledge of health and safety hazards of construction and demolition waste and methods for their control.

Performance criteria

- 2.1 Hazards relating to moving vehicles and heavy equipment are identified and their controls are described in accordance with company procedures.
- Range heavy equipment includes but is not limited to – manual handling, lifting equipment, cutting equipment, crushing equipment; evidence is required of three.

- 2.2 Hazards relating to asbestos are identified and their controls are described in accordance with legislation and company procedures.
- 2.3 Hazards relating to hazardous construction and demolition waste (excluding asbestos) are identified and their controls are described in accordance with company procedures.
- Range lead-based paints, treated timber;
one of – refrigerant, gas, batteries.
- 2.4 Hazards relating to the sorting and storage of construction and demolition waste are identified and their controls are described in accordance with company procedures.
- Range includes but is not limited to – sharp objects, manual handling, conveyors, stockpiles, falling objects;
evidence is required of three.
- 2.5 Hazards relating to electricity are identified and their controls are described in accordance with company procedures.
- 2.6 The reporting of perceived health and safety hazards is described in accordance with company procedures.
- 2.7 Scheduled maintenance and good housekeeping practices are described in accordance with company procedures.
- 2.8 Emergency procedures are described in accordance with company safety plans.
- 2.9 Safety systems, such as lockouts and permits, are described in accordance with company procedures.
- 2.10 Personal protective clothing and equipment for use in handling construction and demolition waste are identified and their use and maintenance are outlined in accordance with operating manuals and company procedures.
- Range includes – overalls, safety footwear, hand protection, eye protection;
may include but is not limited to – waterproof gear, head protection, hearing protection, breathing protection.

Outcome 3

Demonstrate knowledge of environmental protection relating to construction and demolition waste.

Performance criteria

3.1 Sources of pollution and potential harm to the environment from construction and demolition waste are identified and their on-site control is described in accordance with company procedures.

Range sources – emissions, spillage, noise.

3.2 Legislation, regulations, strategies, and bylaws that control the effects on the environment from construction and demolition waste operations are identified and their impacts on a workplace are outlined.

Range effects from – storm water, spillage, dust, fumes, waste accumulation.

3.3 Legislation, regulations, strategies, and bylaws that control the effects on the environment from construction and demolition waste disposal are identified and their controls are outlined.

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	25 October 2007	31 December 2025
Rollover and Revision	2	28 March 2019	31 December 2025
Review	3	24 April 2025	31 December 2025

Consent and Moderation Requirements (CMR) reference	0014
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.