

Title	Demonstrate knowledge of the recovery of resources from 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 explain the reuse of construction and demolition materials, and describe the recycling of construction and demolition materials.</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

- 1 References relevant to this unit standard include:
 National Environmental Standards Ministry for the Environment, available at <http://www.mfe.govt.nz>;
 local authority bylaws;
 REBRI (Resource Efficiency in the Building and Related Industries) guidelines for reducing building material wastes, available at <http://www.branz.co.nz/REBRI>;
 customer specifications for bio fuel and recovered timber.
- 2 Definitions
Recycling means any process by which waste and recyclable materials are transformed or collected for the purpose of being transferred into new products.
Reuse means repeated use of a product in the same form but not necessarily for the same purpose.

Outcomes and performance criteria

Outcome 1

Explain the reuse of construction and demolition materials.

Performance criteria

- 1.1 Explanation provides examples of reuse of materials for practical use.
 Range one each of – structural, lining, fittings, landscaping, creative.

1.2 Explanation describes restrictions on reuse of materials for similar purpose.

Range restrictions – defects in material, change of building code, structural material requiring engineering report on condition; materials – lead based paint, tanalised timber, one other.

1.3 Explanation provides examples of reuse of materials for different purpose.

Range three examples from – masonry, timber, roofing, door, carpet, other.

Outcome 2

Describe the recycling of construction and demolition materials.

Performance criteria

2.1 Description identifies commercially available products that have been reprocessed from construction and demolition waste and explains the process.

Range products – concrete, metal, wood, plasterboard, glass, plastic.

2.2 Description identifies and explains requirements for ensuring that materials are acceptable for recycling.

Range quantities, contamination levels, defects, markets; evidence is required of three materials.

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

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