

<b>Title</b>	<b>Demonstrate knowledge of the recovery of resources from construction and demolition waste</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>6</b>

<b>Purpose</b>	<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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<b>Classification</b>	Resource Recovery > Resource Recovery - Construction and Demolition
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<b>Available grade</b>	Achieved
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### Guidance Information

- 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.
- 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.

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### 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.

<b>Planned review date</b>	31 December 2023
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### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 October 2007	N/A
Rollover and Revision	2	28 March 2019	N/A

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

### Comments on this unit standard

Please contact MITO New Zealand Incorporated [info@mito.org.nz](mailto:info@mito.org.nz) if you wish to suggest changes to the content of this unit standard.