

Title	Dismantle recoverable construction and demolition materials and prepare for storage and transport		
Level	3	Credits	12

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 dismantle and sort recoverable construction and demolition materials, and prepare recoverable construction and demolition materials for storage or transport.</p>
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Classification	Resource Recovery > Resource Recovery - Construction and Demolition
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Available grade	Achieved
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Prerequisites	<p>Unit 23324, <i>Identify construction and demolition waste materials and sort them for reuse, recycling, and disposal</i>; and Unit 23327, <i>Demonstrate knowledge of health, safety, and environmental requirements relating to construction and demolition waste</i>; or demonstrate equivalent knowledge and skills.</p>
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Guidance Information

- 1 All work practices must comply with:
Hazardous Substances and New Organisms Act 1996;
Health and at Work Act 2015;
Resource Management Act 1991;
The New Zealand Waste Strategy: Reducing Harm, Improving Efficiency 2010
Ministry for the Environment, available at <http://www.mfe.govt.nz>;
local authority requirements for disposal at landfill and cleanfill sites;
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>.
- 2 Hazard controls, safety procedures, and personal protective equipment must be used throughout operations in accordance with company procedures.

3 Definitions

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

Dismantle means to separate waste building components in a manner that achieves maximum salvage and recycling of materials. It does not include demolishing the building.

Masonry for this unit standard, refers to such items as bricks, ceramic tiles, and clay pipe, and excludes concrete.

Reuse means repeated use of a product in the same form but not necessarily for the same purpose.

Outcomes and performance criteria

Outcome 1

Dismantle and sort recoverable construction and demolition materials.

Range may occur at more than one site.

Performance criteria

- 1.1 Materials are dismantled and sorted in accordance with REBRI guidelines and company procedures.

Range includes but is not limited to – fittings, doors, windows, crates, piping, structural steel, cladding fencing, paving; evidence is required of three materials.

- 1.2 Masonry materials are dismantled and sorted in accordance with REBRI guidelines, and company procedures.

- 1.3 Metal materials are dismantled and sorted in accordance with guidelines and company procedures.

Range ferrous – light gauge, in size, oversize;
nonferrous – stainless steel, aluminium, copper, cable.

- 1.4 Timber building materials are dismantled and sorted in accordance with REBRI guidelines and company procedures.

Range materials include but are not limited to – framing, panels, flooring; sorting – wood type, dimension, length, tanalised, untreated.

- 1.5 Timber fittings are dismantled and sorted in accordance with REBRI guidelines and company procedures.

Range cabinetry, specialty finish, tongue and groove.

- 1.6 Thermal and moisture protection materials are dismantled and sorted in accordance with REBRI guidelines and company procedures.
- Range two of – fibreglass batts, rigid fibreglass, polystyrene, roofing gravel, aluminium foil.
- 1.7 Doors and windows are dismantled and sorted in accordance with REBRI guidelines and company procedures.
- Range two doors of – metal, wood, folding, overhead, sliding;
two windows of – aluminium framed, steel framed, wood framed, unframed, skylight, double glazed.
- 1.8 Building fittings are dismantled and sorted in accordance with REBRI guidelines and company procedures.
- Range may include but is not limited to – carpet, ceramic tile, plasterboard panel, moulding, handles, plumbing fittings, electrical fittings;
evidence is required of three fittings.

Outcome 2

Prepare recoverable materials for storage or transport.

Performance criteria

- 2.1 Timber materials are stacked in accordance with reuse application, REBRI guidelines, and company procedures.
- Range stacking must be secure, slatted for airflow, with no projections; may include but is not limited to – framing, panels, flooring, tongue and groove, banding, pallet.
- 2.2 Masonry materials are palletised in accordance with reuse application, REBRI guidelines, and company procedures.
- Range masonry must be stacked securely with weight evenly distributed and completed pallets must be within specified dimensions and weight limits.
- 2.3 Thermal and moisture protection materials are prepared in accordance with REBRI guidelines and company procedures.
- Range includes but is not limited to – stacking, banding, protecting from rain, securing from wind.

- 2.4 Doors and windows in their frames are prepared for transport or storage in accordance with REBRI guidelines and company procedures.

Range preparation includes but is not limited to – removal, packaging, and labelling of hardware and keys; protecting surfaces; securing moving parts; marking of tracks where required.

Planned review date	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

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>.

Comments on this unit standard

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