

<b>3</b>	<b>MATERIALS ASPECTS</b>	<b>3.3 WASTE MANAGEMENT</b>	
		<b>MA 11 CONSTRUCTION WASTE REDUCTION</b>	
	<b>EXCLUSIONS</b>	None.	
	<b>OBJECTIVE</b>	Encourage best practices in the management of waste, including sorting, recycling and disposal of construction waste.	
	<b>CREDITS ATTAINABLE</b>	2	
	<b>PREREQUISITES</b>	Compliance with the Waste Disposal (Chemical Waste) (General) Regulation.	
	<b>CREDIT REQUIREMENT</b>	1 credit for demonstrating that at least 30% of construction waste is recycled.  2 credits for demonstration that at least 60% of construction waste is recycled.	
	<b>ASSESSMENT</b>	<p>The Client shall present documentation and photographic evidence quantifying the amount of construction waste recycled as a percentage of total construction waste in the form of a report prepared by a suitably qualified person. Excavated waste will not be considered as part of the construction waste. The disposal of inert waste to public fill will not be considered as an acceptable strategy for fulfilling this requirement.</p> <p>Where at least 30% (by weight or by volume) of all waste generated on site can be shown to have been recycled, the credit shall be awarded. Where the percentage is 60%, the second credits shall be awarded.</p> <p>The Client's representative on site shall be responsible for monitoring and reporting on the execution of the instructions and shall confirm through monthly reports the extent to which recycling and sorting has been achieved. ETWB TWC 19/2005 [1] should be used as a guide to the nature of reporting and recording keeping. The Client shall demonstrate that all waste and disposal are conducted in an environmentally friendly manner.</p>	<div>1</div> <div>2</div> <div>3</div> <div>4</div>

1 Environment, Transport and Works Bureau. Technical Circular (Works) No. 19/2005. Environmental Management on Construction Sites. <http://www.devb.gov.hk/filemanager/technicalcirculars/en/upload/19/1/C-2005-19-0-1.pdf>



Circular Letter No.: 2018.142

Issue Date: 8 January 2018

Application: BEAM Plus NB Version 1.1 & 1.2

Effective Date: 8 January 2018

**MA 10 Demolition Waste Reduction and MA 11 Construction Waste Reduction**

This Circular Letter provides elaboration for the assessment of the captioned credits as follow:

1. The disposal of inert waste to landfills, fill Banks, sorting facilities, fill barging points, public fill reception facility, other construction waste disposal facilities, etc. will not be considered as an acceptable strategy for fulfilling this requirement. Waste handled by specialist Third Party Contractor could be considered as an acceptable strategy for fulfilling this credit requirement. 5  
6
2. The Applicant shall submit a copy of the Contract/ Agreement specific to the project site, detailing the following: project/ site name, date, estimated C&D tonnage, intended use of the C&D waste and other terms. The Applicant shall also compile and submit a summary table with collection receipt(s) attached. The summary table shall include for each collection: date, vehicle registration number, weight tonnage collected, and type of material collected. 7

A handwritten signature in blue ink, appearing to be "KM So", written over a horizontal line.

Mr KM So  
Chairperson of Standards Sub-committee

## BEAM Plus Assessment Tools

### BEAM Plus New Buildings & Existing Buildings

#### Registered Projects

#### [FAQ](#)

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## FAQ - NB v1.1 and 1.2

### Site Aspects

[SA 2 Local Transport](#)

[SA 3 Neighbourhood Amenities](#)

[SA 4 Site Design Appraisal](#)

[SA 6 Cultural Heritage](#)

[SA 7 Landscaping and Planters](#)

[SA 8 Microclimate Around Buildings](#)

[SA 9 Neighbourhood daylight access](#)

[SA 10 Environmental Management Plan](#)

[SA 11 Air pollution during construction](#)

[SA 12 Noise during construction](#)

[SA 13 Water pollution during construction](#)

[SA 14 Noise from building equipment](#)

[SA 15 Light Pollution](#)

### Materials Aspects

[MA P1 Timber used for temporary works](#)

[MA P3 Construction and Demolition Waste Management Plan](#)

[MA P4 Waste recycling facilities](#)

[MA 3 Prefabrication](#)

[MA 4 Adaptability and Deconstruction](#)

[MA 5 Rapidly Renewable Materials](#)

[MA 6 Sustainable Forest Products](#)

[MA 7 Recycled Materials](#)

[MA 9 Regionally Manufactured Materials](#)

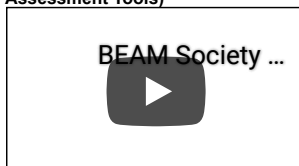
[MA 10 Demolition Waste Reduction](#)

[MA 11 Construction Waste Reduction](#)

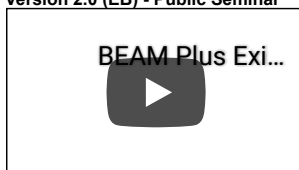
#128. MA 10 and MA 11, For BEAM Plus New Buildings Version 1.1 and 1.2, is the reuse of timber or timber products from the same works site allowed to count towards the credits

No. The timber or timber products under reuse are considered as resource materials and not the demolition

### BEAM Society Limited (BEAM Plus Assessment Tools)



### BEAM Plus Existing Building Version 2.0 (EB) - Public Seminar



and/or construction waste. The quantity of the reused timber or timber products cannot be counted in the amount of recycled demolition and/or construction waste and scored under the credits of MA 10 and/or MA 11 concerning Demolition Waste and/or Construction Waste Reduction.

(Released on 29 November 2019)

**#139. MA 10 & MA 11, For BEAM Plus New Buildings Version 1.1 and 1.2, is backfilling with excavated materials within the site and/ or reusing/ recycling excavated materials in other sites/ facilities considered as an acceptable approach for reduction of demolition/ construction waste?**

Yes. Backfilling with excavated materials within the site and/ or reusing/ recycling excavated materials in other sites/ facilities shall be accepted as an approach for reduction of demolition/ construction waste.

If the Applicant opts to adopt backfilling and/ or reusing/ recycling excavated materials as an approach for reduction of demolition/ construction waste, the quantity of all excavated materials (including those backfilling and/ or reused/ recycled and disposed of) shall be counted in the total quantity of demolition/ construction waste generated (i.e. the denominator). The declaration letter from the contractor and calculation of the quantity of excavated materials used for backfilling and/ or reusing/ recycling shall be provided to demonstrate compliance.

(Released on 28 January 2022)

## Energy Use

### EU 1 Reduction of CO2 Emissions

#### EU 1 - Option 2 Alternative Route: Passive Design

### EU 2 Peak electricity demand reduction

### EU 3 Embodied energy in building structural elements

### EU 6 Renewable Energy System

### EU 7 Air-conditioning units

### EU 9 Energy efficient appliances

### EU 10 Testing and Commissioning

### EU 11 Operation and Maintenance

### EU 12 Metering and monitoring

## Water Use

### WU P1 Water Quality Survey

### WU P2 Minimum water saving performance

### WU 1 Annual water use

### WU 3 Water Efficient Irrigation

### WU 5 Water efficient appliances

## Indoor Environmental Quality

### IEQ P1 Minimum ventilation performance

### IEQ 1 Security

### IEQ 2 Plumbing and Drainage

### IEQ 4 Waste Disposal Facilities

### IEQ 5 Construction IAQ Management

### IEQ 6 Outdoor Sources of Air Pollution

### IEQ 7 Indoor Sources of Air Pollution

### IEQ 9 Increased ventilation

### IEQ 10 Background Ventilation