

3	MATERIALS ASPECTS	3.3 WASTE MANAGEMENT	
		MA 10 DEMOLITION WASTE REDUCTION	
	EXCLUSIONS	Projects where demolition is not required or is not under the Client's control.	1
	OBJECTIVE	Encourage best practices in the management of waste, including sorting, recycling and disposal of demolition waste.	
	CREDITS ATTAINABLE	2	
	PREREQUISITES	Compliance with the Waste Disposal (Chemical Waste) (General) Regulation.	
	CREDIT REQUIREMENT	1 credit for demonstrating that at least 30% of demolition waste is recycled. 2 credits for demonstrating that at least 60% of demolition waste is recycled.	
	ASSESSMENT	The Client shall present documentation and photographic evidence in form of a report by a suitably qualified person quantifying the amount of demolition waste recycled as a percentage of total demolition waste. The disposal of inert waste to public fill will not be considered as an acceptable strategy for fulfilling this requirement.	2
		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 credit shall be awarded.	3
		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.	4

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", is written above a horizontal line.

Mr KM So
Chairperson of Standards Sub-committee

BEAM Plus Assessment Tools

BEAM Plus New Buildings & Existing Buildings

Registered Projects

[FAQ](#)

[FAQ - General](#)

[FAQ - NB v1.1 and 1.2](#)

[FAQ - NB v2.0](#)

[FAQ - EB v1.1 and 1.2](#)

[FAQ - EB v2.0](#)

[e-Form](#)

[BEAM Plus Interiors](#)

[BEAM Plus Neighbourhood](#)

[BEAM Plus Data Centres & Green Data Centres Practice Guide](#)

[BEAM Plus Bespoke](#)

[Technical Circular Letter](#)

[iBEAM](#)

[Certified Building](#)

[Statistics](#)

[Assessment Process](#)

[Fees](#)

[Case Studies](#)



[BEAM Plus New Buildings & Existing Buildings](#) > [FAQ](#) > [NB v1.1 and 1.2](#)

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](#)

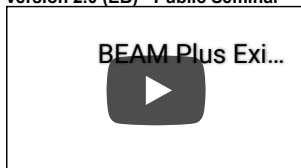
#121. MA P3 and MA 10, If the demolition works of the existing buildings were completed by third party, can the developer waive the relevant assessment in related to demolition works for attaining BEAM Plus certification?

If the demolition works were not conducted by the project proponent and it was completed before 01 April 2010,

BEAM Society Limited (BEAM Plus Assessment Tools)



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



the BEAM assessor can consider to exclude all the demolition related credit in the BEAM Plus assessment. However, relevant document shall be submitted to provide the completion date of the demolition.

(Obsolete as of 23 June 2014)

If the demolition works were commenced before 01 April 2010 or conducted after 01 April 2010 but was not conducted by the project proponent, the BEAM assessor can consider to exclude all the demolition related credit in the BEAM Plus assessment. However, relevant document shall be submitted to prove the commencement date of the demolition and the executor of the demolition work. (Note: works carried out by different Government's departments would be considered as one single project proponent)

(Obsoleted as of 21 January 2019)

If the demolition works were commenced before 01 April 2010 or conducted after 01 April 2010 but was not conducted by the same project owner, the BEAM assessor can consider to exclude all the demolition related credit in the BEAM Plus assessment. However, relevant document shall be submitted to prove the commencement date of the demolition and the executor of the demolition work.

8

(Released on 21 January 2019)

#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 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.

9

(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.

10

11

(Released on 28 January 2022)

MA 11 Construction Waste Reduction

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