

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

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Application: BEAM Plus NB Version 1.1 & 1.2

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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
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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

Q33. SA 14 and SA 15, For BEAM Plus New Buildings Version 1.1 and 1.2, for developments with more than one building, if the neighbouring building(s) within the site is/are regarded as sensitive receiver(s), shall it/they be considered in the above assessments?

Q34. SA 15, For BEAM Plus New Buildings / Existing Buildings Version 1.1 and 1.2, what should be submitted during the provisional Assessment stage to demonstrate the compliance for this credit?

Q35. SA 15 – For BEAM Plus New Buildings Version 1.1 & 1.2, projects being located at urban fringe areas with more than 50% of their project boundaries facing rural context, will the environmental zones be considered as E2 or E3?

Material Aspects

Q1. MA 4, In the case of residential building, it is very difficult to design internal structural walls, as shear walls to be taken out or flexible enough to adapt to changes. Can this credit be excluded?

Q2. 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, 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.

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(Released on 21 January 2019)

Energy Use

Q1. EU 1, What type of Baseline Model setting for office building should be used in energy simulation?

Q2. EU 1, Will passive energy saving strategies contribute to the CO2 emission reduction calculation?

Q3. EU 1, What kind of software is acceptable for BEAM Plus Energy modeling?

Q4. EU 1, For BEAM Plus New Buildings / Existing Buildings Version 1.1 and 1.2, Do I need to include Fan energy in the energy analysis calculation?

Q5. EU 1, For BEAM Plus New Buildings / Existing Buildings Version 1.1 and 1.2, what building type should Club House be classified under ?

Q6. EU 1 and EU 2, For BEAM Plus New Buildings Version 1.1 and 1.2, what is the definition of "process load" and whether it could be excluded from the energy simulation?

Q7. EU 1 and EU 2, For BEAM Plus New Buildings Version 1.1 and 1.2, what are some of the examples which could be classified as "process load"?

Q8. EU 3b, For BEAM Plus Existing Buildings Version 2.0 Selective Scheme, what is the definition of "all areas" as stated in the credit requirements for the energy efficient measures?

Q9. EU 7, Is table 8.7 at EU 7 applicable to outdoor units of split-type airconditioning units?

Q10. EU 9, For BEAM Plus New Buildings V1.1 and 1.2 / EU 7, For BEAM Plus Existing Buildings V1.1 and 1.2, Can instantaneous electric water heater be excluded in the calculation as it is not covered under the Energy Efficiency Labelling Schemes of EMSD?