

3	MATERIALS ASPECTS	3.2	SELECTION OF MATERIALS	
		MA 9	REGIONALLY MANUFACTURED MATERIALS	
	EXCLUSIONS		None.	
	OBJECTIVE		Encourage the use of materials manufactured locally so as to reduce the environmental impacts arising from transportation.	
	CREDITS ATTAINABLE		2	
	PREREQUISITES		None.	
	CREDIT REQUIREMENT		<p>1 credit for the use of materials manufactured locally within 800 km from the site, which contribute at least 10% of all building materials used in the project.</p> <p>2 credits for the use of materials manufactured locally within 800 km from the site, which contribute at least 20% of all building materials used in the project.</p>	
	ASSESSMENT		<p>The Client shall submit a report prepared by a suitably qualified person listing the materials that satisfy the requirements, and quantifying the value of materials manufactured locally in percentage of the total value of the materials used. The unit may be mass/volume/dollar value but shall be consistent throughout the assessment of this credit. The report shall include supporting documentation from the suppliers listing the name of the manufacturer and the distance between the project site and the manufacturer.</p> <p>Mechanical and electrical systems components may not be included in the calculation. Plumbing products however may be included at the discretion of the project team. Reused and salvaged material such as furniture may also be included. The location from which they were salvaged may be used as the point of manufacture.</p> <p>When it is demonstrated that the target percentage of all building materials used in the project are manufactured locally within 800km from the site, the credit(s) shall be awarded.</p>	<div>1</div> <div>2</div> <div>3</div> <div>4</div>
	BACKGROUND		<p>By using locally manufactured materials, environmental impacts and material costs are reduced, and the local economy is supported. Pollution associated with transportation, including air and noise, has become a serious obstruction to the quality of life and even the health of citizens. Furthermore, energy consumption by transportation, as well as the demand for petroleum, has dramatically increased. The use of locally manufactured materials reduces transportation activities and the accompanying pollution. It can assist in relieving air pollution generated by trucks, trains and other vehicles which deplete non-renewable fossil fuels. By purchasing local manufactured materials, transportation problems are further reduced.</p> <p>Local manufactured materials are more cost effective due to the reduced transportation costs. Also, the support of local manufacturers and labour forces contribute to a more stable tax base and a healthier local economy.</p>	



Feb 19, 2013

BEAM Circular letter 2013.113

Version: BEAM Plus Version 1.1 and onwards

MA 9 Regionally Manufactured Materials

This circular letter announces that the captioned credit shall include:

The raw materials (constituents) used for making the claimed building materials shall fulfill the requirements as stated in the Manual.

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This Circular Letter applies for projects submitted after 1 April 2013.

Signed :

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke.

Prof. John Ng
Chair of Technical Review Committee

BEAM Plus Assessment Tools

BEAM Plus New Buildings & Existing Buildings

Registered Projects

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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](#)

#138. MA 3, 5, 6, 7 & 9, For BEAM Plus New Buildings Version 1.1 and 1.2/ MW 3, 5, 6, 7b, 8 & 9, For BEAM Plus New Buildings Version 2.0, which personnel from the contractor is/are qualified for endorsement of the calculation/ summary/ worksheet of building elements/ materials?

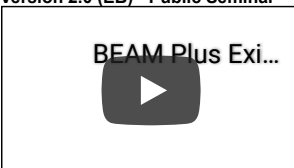
The following personnel from the contractor are qualified for endorsement of the calculation/ summary/ worksheet of building elements/ materials:

1. The contractor's quantity surveyor who possesses the following qualification:
 - a Corporate Member of HKIS in QS Discipline; or

BEAM Society Limited (BEAM Plus Assessment Tools)



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



- a Chartered Member of RICS in QS Discipline; or
- a Corporate / Certified / Full Member of other International Institute of Surveyors in QS Discipline; or

2. The contractor's project manager who supervises the Project QS, monitors the use of materials, and possesses the following qualification or experience:

- a Corporate Member of HKICM; or
- a Chartered Member of CIOB; or
- a Corporate / Certified / Full Member of other International Institute of Construction Managers; or
- at least 10 years of construction-related experience.

CV of the personnel and organisation chart highlighting the personnel shall be submitted to demonstrate the personnel has fulfilled the above-mentioned requirements.

(Released on 28 January 2022)

MA 10 Demolition Waste Reduction

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

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

IEQ 11 Localised Ventilation