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CIRCULAR TO PROFESSIONAL INSTITUTES/ ASSOCIATIONS

REVISED BCA GREEN MARK CRITERIA FOR NEW AND EXISTING BUILDINGS – GREEN MARK: 2021 (GM: 2021)

Objective

- 1 This is to inform the industry on the revision of the BCA Green Mark standard for New and Existing Residential and Non-Residential buildings.

REVISION OF BCA GREEN MARK STANDARD FOR NEW AND EXISTING RESIDENTIAL AND NON-RESIDENTIAL BUILDINGS – GREEN MARK 2021 (GM: 2021)

- 2 Under the Singapore Green Building Masterplan (SGBMP), ambitious sustainability targets have been set for the next lap of our green buildings. The revised Green Mark scheme aims to mitigate the effects of climate change through driving energy efficiency and carbon reduction, as well as other sustainable aspects that deliver on addressing the key sustainability drivers.

Details of the Revision

- 3 Green Mark: 2021 has 2 key shifts:
 - a. Aggressively raising energy efficiency standard with the aim of mainstream delivery of Super Low Energy (SLE) buildings;
 - b. Aligning with the United Nation (UN) Sustainable Development Goals (SDGs) to cover key sustainability outcomes. Under Green Mark 2021, the criteria have been restructured to two broad categories: (1) Energy Efficiency (only prerequisite) and (2) Sustainability sections covering Intelligence, Health and Well-being, Whole life Carbon, Maintainability and Resilience.
- 4 Under Green Mark: 2021, all building criteria, i.e. Green Mark for Non-Residential Buildings 2015 (GM NRB: 2015), Green Mark for Residential Buildings 2016 (GMRB: 2016) and Green Mark for Existing Non-Residential Buildings 2017 (GM ENRB: 2017), will be streamlined into one scheme.
- 5 The finalised criteria, titled “Green Mark: 2021” is ready for implementation and will supersede GM NRB: 2015, GMRB 2016 and GM ENRB: 2017. The finalised criteria is now made available through the following URL: (<https://go.gov.sg/GM2021>)

Training, Guidelines and Assistive Tools

- 6 To assist the industry in adopting the new GM: 2021 Criteria, the following will also be uploaded to the BCA website before the criteria is made effective:
- BCA Green Mark 2021: Technical Guide and Requirements (<https://go.gov.sg/GM2021>)
 - BCA Carbon Calculator (https://www1.bca.gov.sg/docs/default-source/docs-corp-buildsg/sustainability/carbon-calculator.xlsx?sfvrsn=4cd7df25_4)
 - BCA Smart Hub's Intelligent Energy Efficiency Calculator for Green Mark (www.sleb.sg/AICalculator)
- 7 The Green Mark Manager course has also been revamped to focus on the new Green Mark criteria.

Implementation Timeline

- 8 The BCA GM: 2021 will come into effect on 1 November 2021 (Effective Date). All projects (new non-residential buildings, existing non-residential buildings, residential buildings, existing residential buildings) applying for Green Mark certification on or after the Effective Date will be assessed under GM: 2021. For re-certification, simplified recertification will be replaced by GM: 2021 In Operation. Projects with Green Mark applications submitted before the Effective Date must complete the assessment and receive Green mark Letter of Award by end of 2022.

For Clarification

- 9 We would appreciate it if you could convey the contents of this circular to members of your organisation. For clarification, you may contact us via our online feedback form (<https://www.bca.gov.sg/feedbackform/>) or contact the follower officers:

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Thank you.



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