



Dear Members,

BCA - CALL FOR INDUSTRY COMMENTS ON PROPOSED CHANGES TO ENVIRONMENTAL SUSTAINABILITY REQUIREMENTS FOR NEW BUILDING DEVELOPMENTS AND EXISTING BUILDINGS

At a recent IACC Meeting, BCA informed that the Code for Environmental Sustainability of Buildings will be amended. The proposed draft changes are per attachment (annex A & B).

Background

The legislation on Environmental Sustainability was first introduced in 2008 as part of the key initiatives under the earlier Green Building Masterplans to advance sustainable building development. With this legislation, new buildings and existing buildings with major retrofits with Gross Floor Area (GFA) of 2,000m² and above are required to meet the minimum environmental sustainability standard. It was subsequently enhanced to include existing buildings with major energy use change (i.e. chiller installation or retrofits) with GFA of 5000m² or more in 2017. The Codes for Environmental Sustainability requirements that set out the minimum environmental sustainability standards were put in place for regulatory compliance in support of these requirements.

In 2020, BCA and the Singapore Green Building Council (SGBC) co-led the co-creation of the next Singapore Green Building Masterplan (SGBCMP) as part of the Singapore Green Plan 2030, with various stakeholders from the public, private and people sectors including Trade Associations and Chambers (TACs). One of the key initiatives under the SGBMP is to review the environmental sustainability requirements to support the strive towards more energy efficient buildings.

Other than the raising of the minimum energy efficiency requirements, BCA also plans to streamline the Code requirements to support the transition to a more sustainable, low-carbon Built Environment. On this, **BCA will like to invite building professionals and members of various TACs for further inputs and comments before finalising the Code requirements.**

Proposed Changes to the Codes

The proposed revision will involve the streamlining the compliance framework to focus on sustainability indicators which would drive higher building energy efficiency and carbon reduction potential to prepare our industry for a low carbon future. **The minimum energy efficiency requirements resided within the**

framework will be raised to 50% and 40% (from current 30% and 20%) higher than 2005 levels for new buildings and existing buildings undergoing major A&A and/or major energy use change respectively. Carbon reduction measures in the areas of sustainable design, construction, operation & management and technologies are also incorporated as part of the framework.

Append the summary of the Code requirements and changes for your information and comments.

Regulations	Applicability
<p>BC (Environmental Sustainability) Regulations 2008</p>	<p>Appointed QP and PEs are required to ensure compliance with this requirement for BP plan approval and TOP clearance for the following works.</p> <ul style="list-style-type: none"> * New erection – Building works which involve a GFA of 2000 m² or more; * Addition to an existing building - Building works which involve increasing the GFA of an existing building by 2000 m² or more * Existing building with major retrofits – building works relating to an existing building which involve a GFA of 2000 m² or more and involve, extension or substantial alteration of the building envelope and building services in/ in connection with an existing building
<p>BC (Environmental Sustainability Measures for Existing Buildings) Regulations 2013</p>	<p>Building owners are required to engage a PE (Mech) to do the submission for approval before installation or replacement of building cooling system for their existing buildings with GFA of 5000 m² or more except for the following building types : industrial, residential (excluding serviced apartments), railway, port, airport services and facilities, religious, data centres and utility buildings.</p>

Kindly forward your inputs and comments, if any on or before 5 April 2021 to redas_secretariat@redas.com, please. If you need any clarification or wish to arrange a meeting discussion with BCA, kindly contact any of the following BCA officers :

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Thank you
With Best Regards
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