

GREEN MARK 2021



CERTIFICATION STANDARD

Certification Requirements

for building works relating to any building on land sold on or after 30 June 2022 under
the Government Land Sales (GLS) programme

Revision Log

S/No.	Brief Description of Changes	Revision Date
1	First Issue	30 June 2022
2	Additional Badge requirements for sites under the GLS Programme in Jurong Lake District and Marina South under Appendix A	2 December 2022

BACKGROUND

Since 2010, building developments on land sold under the GLS Programme in selected strategic areas are subject to mandatory higher Green Mark Standard prescribed in the Building Control (Environmental Sustainability) Regulations 2008. This requirement applies to selected areas which include Jurong Gateway, Jurong Lake District, Kallang Riverside, Paya Lebar Central, Marina Bay/Downtown Core, Woodlands Regional Centre, and Punggol Eco-Town. The attainment of the relevant Green Mark Certification is mandatory and forms part of the building plan approval and Temporary Occupation Permit (TOP)/Certificate of Statutory Completion (CSC) clearances.

With the national commitment to achieve net-zero emissions by or around mid-century, more ambitious targets to implement sustainable building development in the Built Environment (“BE”) sector have been set under the latest Singapore Green Building Masterplan. One of the key changes includes extending the imposition of a higher Green Mark standard to all GLS sites. The Green Mark standard will also be raised from the current Green Mark Gold^{Plus} or Platinum rating to the Green Mark Platinum Super Low Energy (SLE) rating.

These enhancements also form part of BCA’s overall efforts to accelerate transformation in the Built Environment sector under the Construction Industry Transformation Map (ITM). Along with the enhanced requirements in the areas of digitalization and productivity, it will pave the way for the changes needed to transform the entire construction process and value chain of the sector.

The intent of this document is to spell out the certification requirements pertaining to building works relating to building developments on land sold on or after 30 June 2022 under the GLS Programme that are to be assessed under the Green Mark: 2021 Certification Standard and revisions may be expected from time to time.

CERTIFICATION REQUIREMENTS

The minimum environmental sustainability standard of building works that relate to any building on land sold on or after 30 June 2022 under the GLS Programme shall have a level of environmental performance that satisfies the Green Mark Certification – Green Mark Platinum SLE based on the Green Mark: 2021 Certification Standard.

The following requirements are to be met to attain the Green Mark Platinum SLE standard for these building developments :

- (a) the buildings are designed and constructed with energy efficiency measures to meet the minimum energy efficiency improvement of 60% over the 2005 baseline;
- (b) attainment of a score of at least 40 points from any of the five (5) Sustainability Sections namely (i) Maintainability; (ii) Whole Life Carbon; (iii) Health and Wellbeing; (iv) Resilience; and (v) Intelligence; and
- (c) attainment of the relevant Green Mark: 2021 Badge(s)¹ as stipulated in Appendix A herein.

¹ GM:2021 Badges will be awarded to projects which score at least 10 points in any of the environmental sustainability sections under the GM: 2021 Certification Standard. It comprises Maintainability Badge, Whole Life Carbon Badge, Health & Wellbeing Badge, Intelligence Badge and Resilience Badge.

In addition, all relevant Base Requirements² under the Code for Environmental Sustainability of Buildings such as NRB02- Air-Tightness and Leakage and NRB 06 – Maintenance of Building Cooling System for non-residential buildings are to be complied with, as part of the certification requirements for the attainment of the Green Mark Platinum SLE standard stipulated under the Building Control (Environmental Sustainability) Regulations 2008. A summary of these requirements is provided in Figure 1.

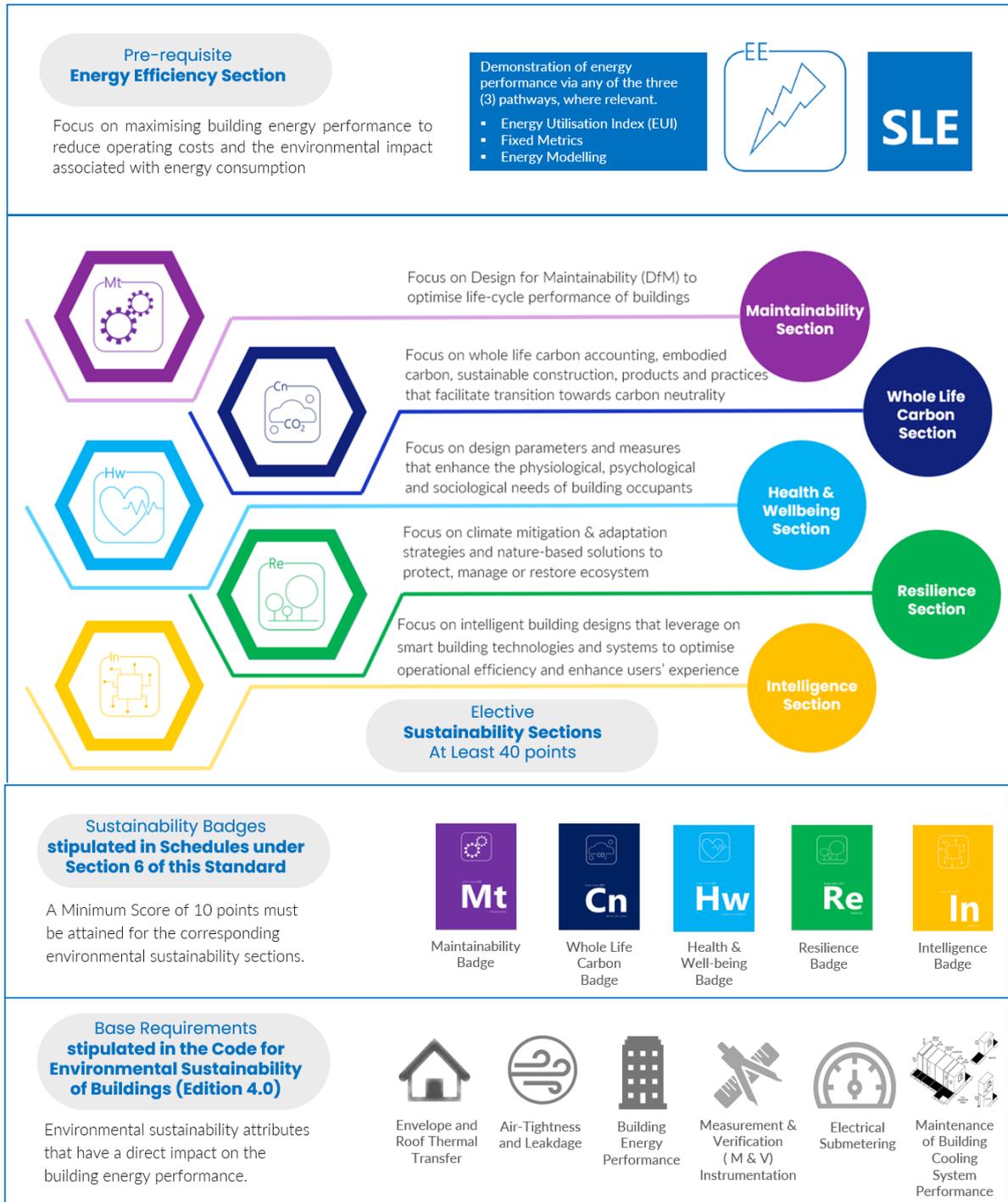


Figure 1 : Summary of the certification requirements to attain GM Platinum SLE rating

² Base Requirements refer to the passive and active design strategies and measures that have direct influence on building performance and operating carbon and are stipulated in the Code for Environmental Sustainability of Buildings.

Applicable Area	Relevant Green Mark: 2021 Badge(s) to attain
All land sold on or after 30 June 2022 under the GLS Programme	<ul style="list-style-type: none"> ■ Maintainability Badge
All land sold on or after 2 December 2022 under the GLS Programme and in the areas within the red boundary in Map 1 [Jurong Lake District]	<ul style="list-style-type: none"> ■ Maintainability Badge ■ Whole Life Carbon Badge ■ Intelligence Badge
All land sold on or after 2 December 2022 under the GLS Programme and in the areas within the red boundary in Map 2 [Marina South]	<ul style="list-style-type: none"> ■ Maintainability Badge ■ Whole Life Carbon Badge ■ Health & Wellbeing Badge

MAP 1
[Jurong Lake District]

