

# Compliance Assessment (CA) Checklist

## General Principles of Compliance Assessment (CA) Submittals

The CA requirements depicted in the submittals under each credit head should read as follows:

1. As-built records such as as-built/ as-fitted drawings can be demonstrated by shop drawings at the time of CA submission. The shop drawings should at least include essential project information, such as project name, title of the drawings, date and shall be provided by the contractor. The shop drawings need not be the finalised version, mark-up/ amendment on drawings is accepted as long as the reader/ assessor can clearly identify the information on the drawings.
2. On-site photo records can be demonstrated by Architect's Instruction (AI), Purchase Order (PO) or declaration letter from project owner.
3. The cut off period for submission record shall be 3 months before CA submission.
4. Supporting documents are NOT required in CA/ RFA submission if the "Conclusive Credits" are achieved with sufficient evidence to demonstrate compliance with the CA requirement in PA submission.
5. Except EU 2, EU 3 and EU 5 under Route 1 (Document Check) and credits submitted under the route of Confirmation of Intent, ALL credits achieved in CA need not be submitted for assessment again in the Remaining Final Assessment (RFA) stage.
6. For EU 2, EU 3 and EU 5, the Applicant may opt to choose either Route 1 or Route 2 in CA submission as stated below:
  - **Route 1 (Document Check):** The SAME energy simulation results/ reports adopted in PA submission would deem to comply in CA submission with simple clarifications and declarations that NO worse off on the overall performance of building committed in PA submission. The credits granted in CA submission are the SAME credits achieved in PA submission (stated in the issued PA Report). The Applicant is required to submit a full set of finalised energy simulation results/ reports based on as-built conditions in RFA submission;
  - **Route 2 (Advance Submittal):** A full set of energy simulation results/ reports as per the latest shop drawings, approved contractor's submissions, equipment schedules, etc. are required for CA submission. NO further verification is required in RFA submission.
7. Innovations and Additions (IA) credit(s) could be achieved through Document Check or Confirmation of Intent in CA stage under that following situation:
  - i The proposed IA item is achieved in PA stage without further remarks.
  - ii The proposed IA item is achieved in PA stage with remarks.
  - iii The IA item is on the IA list posted on BSL Website/ iBEAM.
8. For the detailed requirement of credit submittals in CA and/ or RFA stages, it shall refer to the latest Manual of BEAM Plus NB v2.0/ e-forms/ Technical Circular and/ or FAQ.

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(i.e. Document Check + Advance Submittal)

Credit(s) **NOT** eligible for Compliance Assessment  
(i.e. Performance Check)

Credit(s) eligible for adopting "Confirmation of Intent (COI)"  
for Compliance Assessment

Credit(s) identified as "Conclusive Credit(s)" in which supporting documents are **NOT** required in CA/  
RFA submissions if the credit(s) is/ are achieved with sufficient evidence to demonstrate compliance  
with the CA requirement in PA submissions

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|---|---|--|---|--------------------------------|----------------|-------------------|-------------------|-------------|--------------------|
| <b>Integrated Design &amp; Construction Management (IDCM)</b> |   |  |   | <b>25+16B</b>                  |                |                   |                   |             |                    |
| IDCM P1   | Sustainability Champions - Project                      | Demonstrate that an accredited BEAM Professional (BEAM Pro) with a valid credential for BEAM Plus New Buildings v2.0 is engaged as the Project BEAM Pro of the consultant team.  | All buildings   | Prerequisite                   | ✓              |                   |                   |             |                    |
| IDCM P2   | Environmental Management Plan                           | Demonstrate that an Environmental Management Plan (EMP) has been properly prepared.  | All buildings   | Prerequisite                   | ✓              |                   |                   |             |                    |
| IDCM P3   | Timber Used for Temporary Works                         | Demonstrate that no virgin forest products are used for temporary works.   | All buildings   | Prerequisite                   | ✓              |                   |                   |             |                    |
| IDCM 1  | Sustainability Champions - Design                       | 1 credit for at least two (2) members from at least two (2) applicable core design disciplines shall be accredited BEAM Professionals with valid credentials for BEAM Plus New Buildings v2.0.   | All buildings   | 1                              | ✓              |                   |                   |             | ✓                  |
|   |   | 1 <b>ADDITIONAL BONUS</b> credit for at least one (1) additional member, from an applicable core design discipline different from the disciplines counted in the above credit, shall be accredited BEAM Professional with valid credential for BEAM Plus New Buildings v2.0;<br><br><i>Alternatively,</i><br>At least two (2) additional members, from an applicable core design discipline different from the disciplines counted in the above credit, shall be accredited BEAM Affiliates with valid credentials for BEAM Plus New Buildings v2.0. |   | 1B                             | ✓              |                   |                   |             | ✓                  |
| IDCM 2  | Complimentary Certification                             | (a) BEAM Plus Neighbourhood (ND)<br>1 BONUS credit where the project is certified by BEAM Plus Neighbourhood (ND) certification.   | All buildings that are applicable for respective BEAM Plus certification tools.   | 1B                             | ✓              |                   |                   |             | ✓                  |
|   |   | (b) BEAM Plus Interiors (BI)<br>1 BONUS credit for preparing the Project for BEAM Plus Interiors (BI) certification.   |   | 1B                             | ✓              |                   | ✓                 |             |                    |
|   |   | (c) BEAM Plus Existing Buildings (EB)<br>1 BONUS credit for preparing the project for BEAM Plus Existing Buildings (EB) certification (comprehensive scheme).  |   | 1B                             | ✓              |                   | ✓                 |             |                    |
| IDCM 3  | Integrated Design Process                               | (a) Early Consideration(s) for Integrated Building Design Process<br>1 credit for consideration of the integrated design process regarding whole-system thinking to explore the interrelationships among green building design strategies and systems in the conceptual design stage.  | All buildings   | 1                              | ✓              |                   |                   |             | ✓                  |
|   |   | 1 <b>ADDITIONAL</b> credit for organizing at least one multi-disciplinary design charrette to formulate passive and active design strategies in the conceptual/ schematic design stages.   |   | 1                              | ✓              |                   |                   | ✓           |                    |
|   |   | (b) Early Design Consideration of Buildability/ Constructability<br>1 credit for early design consideration of buildability to ease construction and save on-site materials/ labour before completion of the design development stage.   |   | 1                              | ✓              |                   |                   | ✓           |                    |
|   |   | (c) Design Consideration for Operation and Maintenance<br>1 credit for design consideration of the long-term operation and maintenance needs of the building and its engineering services.   |   | 1                              | ✓              |                   | ✓                 |             |                    |
| IDCM 4  | Life Cycle Costing                                      | 1 credit for conducting life cycle costing for active systems.   | All buildings   | 1                              | ✓              |                   |                   |             | ✓                  |
| IDCM 5  | Commissioning   | 2 credits for the appointment of Commissioning Authority (CxA) as described in part (a) and providing a Commissioning Plan as described in part (b).   | All buildings   | 2                              | ✓              |                   |                   |             | ✓                  |
|   |   | 2 <b>ADDITIONAL</b> credits for conducting a Commissioning Review as described in part (c) and providing Commissioning Reports as described in part (d).   |   | 2                              |                |                   | ✓                 | ✓           |                    |
| IDCM 6  | Sustainability Champions - Construction                 | 1 credit for at least two (2) accredited BEAM Professionals with valid credential for BEAM Plus New Buildings v2.0 are engaged by the main/ lead contractor for the Project intending to achieve Bronze rating or above.<br><br><i>Alternatively,</i><br>1 credit for at least one (1) accredited BEAM Professional and two (2) accredited BEAM Affiliates, with valid credential for BEAM Plus New Buildings v2.0 are engaged by the main/ lead contractor of the Project intending to achieve Bronze rating or above.                              | All buildings   | 1                              | ✓              |                   |                   |             |                    |
| IDCM 7  | Measures to Reduce Site Emissions                       | (a) Minimisation of Air Pollution<br>1 credit for providing adequate monitoring and mitigation measures to minimise air pollution during construction (demolition and foundation are included, if any).  | All buildings   | 1                              | ✓              |                   |                   |             |                    |
|   |   | (b) Minimisation of Noise Pollution<br>1 credit for conducting Construction Noise Impact Assessment (CNIA) and providing adequate monitoring and mitigation measures based on the CNIA report to minimise noise pollution during construction (demolition and foundation are included, if any).  |   | 1                              | ✓              |                   |                   |             |                    |
|   |   | 1 <b>ADDITIONAL BONUS</b> credit for adopting at least two (2) recognised quieter construction equipment/ methods at each construction stage (demolition and foundation are included, if any).   |   | 1B                             | ✓              |                   |                   |             |                    |
|   |   | 1 <b>ADDITIONAL BONUS</b> credit for adopting at least two (2) recognised quieter construction equipment/ methods to achieve a noise reduction of minimum 3dB(A) at each construction stage (demolition and foundation are included, if any).  |   | 1B                             | ✓              |                   |                   |             |                    |
|   |   | (c) Minimisation of Water Pollution<br>1 credit for providing adequate monitoring and mitigation measures to minimise water pollution during construction (demolition and foundation are included, if any).  |   | 1                              | ✓              |                   |                   |             |                    |
|   |   | (d) Minimisation of Light Pollution<br>1 credit for providing adequate mitigation measures to minimise light pollution during construction (demolition and foundation are included, if any).   |   | 1                              | ✓              |                   |                   |             |                    |
| IDCM 8  | Construction and Demolition Waste Recycling             | (a) Demolition Waste Recycling<br>1 credit for demonstrating compliance with the Waste Management Plan and the application of proactive waste management provisions during demolition; and recycling at least 15% of demolition waste.   | All buildings requiring demolition which are under the Client's control   | 1                              | ✓              |                   |                   |             | ✓                  |
|   |   | 1 <b>ADDITIONAL BONUS</b> credit for demonstration of recycling at least 30% of demolition waste.  |   | 1B                             | ✓              |                   |                   | ✓           |                    |
|   |   | 1 <b>ADDITIONAL BONUS</b> credit for demonstration of recycling at least 60% of demolition waste.  |   | 1B                             | ✓              |                   |                   | ✓           |                    |
|   |   | (b) Construction Waste Recycling<br>1 credit for demonstrating compliance with the Waste Management Plan and the application of proactive waste management provisions during construction (foundation to be included, if any); and recycling at least 15% of construction waste (foundation waste included, if any).   | All buildings   | 1                              | ✓              |                   |                   |             |                    |
|   |   | 1 <b>ADDITIONAL BONUS</b> credit for demonstration of recycling at least 30% of construction waste (foundation waste included, if any).  |   | 1B                             | ✓              |                   |                   |             |                    |
|   |   | 1 <b>ADDITIONAL BONUS</b> credit for demonstration of recycling at least 60% of construction waste (foundation waste included, if any).  |   | 1B                             | ✓              |                   |                   |             |                    |
| IDCM 9  | Construction IAQ Management                             | 1 credit for implementing a Construction IAQ Management Plan, undertaking a building 'flush out' or 'bake out', and replacement of all filters prior to occupancy.   | All areas to implementing a Construction IAQ Management Plan; and<br><br>All areas with central air-conditioning and ventilation systems for undertaking a building 'flush out' or 'bake out' and replacement of all filters prior to occupancy | 1                              |                |                   | ✓                 | ✓           |                    |
| IDCM 10   | Considerate Construction                                | 1 credit for demonstrating considerate measures to the neighbourhood, passers-by and workers. Good tree protection practices where tree preservation within the project site is required, should also be carried out.  | All buildings   | 1                              | ✓              |                   |                   |             |                    |
| IDCM 11   | Building Management Manuals                             | 1 credit for providing a fully documented Operations and Maintenance Manual and Energy Management Manual.  | All buildings   | 1                              |                |                   | ✓                 | ✓           |                    |
| IDCM 12   | Operator Training plus Chemical Storage and Mixing Room | 1 credit for providing training for operations and maintenance staff to the minimum specified; and demonstrating that adequate maintenance facilities are provided for chemical storage and mixing.  | All buildings   | 1                              |                |                   | ✓                 | ✓           |                    |

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| Credit(s) identified as "Conclusive Credit(s)" in which supporting documents are NOT required in CA/RFA submissions if the credit(s) is/ are achieved with sufficient evidence to demonstrate compliance with the CA requirement in PA submissions |

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| IDCM 13                      | Digital Facility Management Interface                  | 1 BONUS for providing a digital interface in addition to the project design metering provision for future facility management team to review the building operation performance.   | All non-residential buildings/ portions or common areas of residential buildings/ portions | 1B                             | ✓              |                   |                   | ✓           |                    |
| IDCM 14                      | Occupant Engagement Platform                           | 1 BONUS credit for providing a digital platform to engage building occupants.  | All non-residential buildings  | 1B                             | ✓              |                   |                   | ✓           |                    |
| IDCM 15                      | Document Management System                             | (a) Project Team Document Management<br>1 credit for demonstrating the use of document management systems within the design and construction teams.  | All buildings  | 1                              | ✓              |                   |                   |             |                    |
|                              |  | (b) Facility Management Team Document Management<br>1 credit for demonstrating the use of document management platform by the building owner or building management company.   |  | 1                              | ✓              |                   |                   | ✓           |                    |
| IDCM 16                      | BIM Integration  | (a) Coordinated Use of BIM within Design Teams<br>1 credit for the coordinated use of BIM among the design team.   | All buildings  | 1                              | ✓              |                   |                   |             | ✓                  |
|                              |  | (b) Coordinated Use of BIM with Design and Construction Teams<br>1 ADDITIONAL BONUS credit for coordinated use of BIM among the design team and the contractors.   |  | 1B                             | ✓              |                   |                   |             |                    |
|                              |  | (c) BIM for time<br>1 BONUS credit for using the BIM model for scheduling, cost and quantity, schedules preparation and tracking the project budget.   |  | 1B                             | ✓              |                   |                   |             |                    |
|                              |  | (d) BIM for Facility Management Use<br>1 BONUS credit for updating the BIM model to as-built condition.  |  | 1B                             |                |                   | ✓                 | ✓           |                    |
| IDCM 17                      | Design for Engagement and Education on Green Buildings | 1 credit for providing any two (2) education elements of the listed green building design measures and provisions accredited by BEAM Plus and implemented in the project. The Project must achieve a rating of Bronze or above.  | All buildings  | 1                              | ✓              |                   |                   | ✓           |                    |
|                              |  | 1 ADDITIONAL BONUS credit for providing four(4) education elements mentioned above on green buildings.   |  | 1B                             | ✓              |                   |                   | ✓           |                    |
| <b>Sustainable Site (SS)</b> |  |  |  | <b>20+19B</b>                  |                |                   |                   |             |                    |
| SS P1                        | Minimum Landscaping Requirements                       | Demonstrate compliance with minimum planting provisions in terms of viability and site coverage of greenery of at least 20% of the site.   | All sites with site area of 1,000 m <sup>2</sup> or more                                   | Prerequisite                   | ✓              |                   |                   |             |                    |
| SS 1                         | Pedestrian-oriented and Low Carbon Transport           | (a) Accessibility to Public Transport<br>1 credit for achieving Accessibility Index of 15 or more for all buildings of a development.  | All buildings  | 1                              | ✓              |                   |                   |             | ✓                  |
|                              |  | (b) Pedestrian-oriented Access<br>1 credit for achieving 50% or more of the pedestrian-oriented transport planning measures.<br>1 ADDITIONAL BONUS credit for achieving 100% of the pedestrian-oriented transport planning measures.   |  | 1                              | ✓              |                   |                   |             |                    |
|                              |  | (c) Cycling Facilities and Network Integration<br>1 BONUS credit for providing cycling facilities within the Site and integrating with the public cycling network if a public cycling network exists or has been planned nearby.   |  | 1B                             | ✓              |                   |                   |             |                    |
|                              |  | (d) Charging Facilities for Electric Vehicle (EV)<br>1 BONUS credit for providing EV medium chargers for at least 50% of all car parking spaces and EV charging-enabling for all car parking spaces (including visitor car parks).   |  | 1B                             | ✓              |                   |                   |             |                    |
| SS 2                         | Neighbourhood Amenities                                | (a) Amenities for Building Users<br>1 credit where adequate amenities for building users are located within the site or 500m walking distance/ an equivalent horizontal commuting time from the site entrance(s).  | All buildings  | 1                              | ✓              |                   |                   |             | ✓                  |
|                              |  | (b) Shared Amenities for Neighbourhood<br>1 credit where adequate shared amenities for the neighbourhood are provided within the site and are made available for public use.   |  | 1                              | ✓              |                   |                   |             |                    |
| SS 3                         | Building Design for Sustainable Urbanism               | (a) Sustainable Urban Design<br>1 credit for preparing site design appraisal report demonstrating a proactive approach in achieving a people-oriented and place-making approach for sustainable site planning, and at least 30% of applicable sustainable urbanism measures are achieved.<br>2 credits for achieving at least 60% of applicable sustainable urbanism measures.<br>1 ADDITIONAL BONUS credit for achieving at least 90% of applicable sustainable urbanism measures.  | All buildings  | 2                              | ✓              |                   |                   |             | ✓                  |
|                              |  | (b) Conservation of Cultural Heritage<br>1 BONUS credit for demonstrating that a proper heritage impact assessment mechanism and its recommendations have been implemented.  |  | 1B                             | ✓              |                   |                   |             | ✓                  |
|                              |  |  |  | 1B                             | ✓              |                   |                   |             |                    |
| SS 4                         | Neighbourhood Daylight Access                          | 1 credit for the designs which the access to daylight of neighbouring sensitive buildings is maintained to the prescribed levels.  | All buildings  | 1                              | ✓              |                   |                   |             | ✓                  |
| SS 5                         | Noise Control for Building Equipment                   | 1 credit for demonstrating that the level of the intruding noise at the facade of the potential noise sensitive receivers is in compliance with the criteria recommended in the Technical Memorandum for the Assessment of Noise from Places Other than Domestic Premises, Public Places or Construction Sites.  | All buildings except those specified in Clause 1 under "Assessment".                       | 1                              | ✓              |                   |                   | ✓           |                    |
| SS 6                         | Light Pollution Control                                | (a) Control of Obtrusive Artificial Light<br>1 credit for demonstrating that the obtrusive light from exterior lighting meets the specified performance for the environmental zone in which the building development is located.   | All buildings  | 1                              | ✓              |                   |                   | ✓           |                    |
|                              |  | (b) Control of External Light Reflection from Building<br>1 credit for demonstrating that the sunlight reflection from external surfaces of the buildings is controlled by using materials with acceptable external light reflectance.   |  | 1                              | ✓              |                   |                   |             |                    |
| SS 7                         | Biodiversity Enhancement                               | (a) Reduction of Ecological Impact<br>1 credit for demonstrating all identified habitat types on Site are of low or negligible indicative ecological values<br><b>Alternatively,</b><br>1 credit for demonstrating that all identified habitat types on Site of medium to high indicative ecological value are preserved intact and are unaffected or enhanced by the planned development.<br>1 ADDITIONAL BONUS credit for demonstrating that existing trees are retained in situ such that the combined girth of the retained trees, with individual girth of at least 150mm, is at least 20% of the total girth of all existing trees on site.<br>1 ADDITIONAL BONUS credit for demonstrating that existing trees are retained in situ such that the combined girth of the retained trees, with individual girth of at least 150mm, is at least 40% of the total girth of all existing trees on site. | All sites with existing tree except brownfield sites                                       | 1                              | ✓              |                   |                   |             | ✓                  |
|                              |  | (b) Enhancement of Biodiversity<br>1 BONUS credit for preparing a manual on biodiversity-friendly landscape maintenance, PLUS Physical connectivity between areas with ecological values.<br>1 BONUS credit for preparing a manual on biodiversity-friendly landscape maintenance, PLUS Increased diversity and complexity of planting.<br>1 BONUS credit for preparing a manual on biodiversity-friendly landscape maintenance, PLUS Wildlife-friendly building features (e.g. windows and lighting).   |  | 1B                             | ✓              |                   |                   |             | ✓                  |
|                              |  |  |  | 1B                             | ✓              |                   |                   |             | ✓                  |
|                              |  |  |  | 1B                             | ✓              |                   |                   |             | ✓                  |
| SS 8                         | Urban Heat Island Mitigation                           | (a) Urban Design Guidelines Chapter 11<br>1 credit for implementing at least 2 site level strategies under Section 11 of Hong Kong Planning Standards and Guidelines Chapter 11 Urban Design Guidelines.   | All buildings & for Site area <1000m <sup>2</sup>  | 1                              | ✓              |                   |                   |             | ✓                  |
|                              |  | (a) Sustainable Building Design Measures<br>1 credit for providing shade on at least 5% of the site area and at least 50% of non-roof impervious surfaces on the site (parking, walkways, plazas) using light coloured high-albedo materials (albedo of at least 0.4).<br>1 credit for demonstrating compliance with prescribed requirements of the SBD Guidelines as promulgated in the PNAP APP-152.<br>1 ADDITIONAL BONUS credit for demonstrating compliance with prescribed requirements of the SBD Guidelines as promulgated in the PNAP APP-152 with enhanced performances.   |  | 1                              | ✓              |                   |                   |             |                    |
|                              |  |  | All buildings & for Site area ≥ 1000m <sup>2</sup>   | 1                              | ✓              |                   |                   |             |                    |
|                              |  |  |  | 1B                             |                |                   | ✓                 |             |                    |

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|                                 |  | (b) Tree Coverage<br>2 BONUS credits for demonstrating that at least 10% of the total Site Area is provided with tree coverage.  | All buildings & for Site area ≥ 1000m <sup>2</sup>   | 2B                             |                |                   | ✓                 |             |                    |
|                                 |  | 1 ADDITIONAL BONUS credit for exemplary performance, where 20% or more of the site is provided with tree coverage.   |  | 1B                             |                |                   | ✓                 |             |                    |
|                                 |  | (c) Air Ventilation Assessment (AVA)<br>For conducting an AVA by wind tunnel or Computer Fluid Dynamics (CFD) according to the prevailing AVA methodology introduced by the Government demonstrating that better or equivalent ventilation performances than a baseline case:<br>1 Credit for demonstrating annual wind condition.   | All buildings & for Site area ≥ 1000m <sup>2</sup>   | 1                              | ✓              |                   |                   |             | ✓                  |
|                                 |  | 1 Credit for demonstrating summer wind condition.  |  | 1                              | ✓              |                   |                   |             | ✓                  |
|                                 |  | (d) Intra Urban Heat Island Study<br>2 BONUS credit for conducting an Intra Urban Heat Island Study demonstrating that a maximum Intra-Urban Heat Index (difference between T <sub>urban</sub> and T <sub>met</sub> ) in summer is less than 0.8 °C.   | All buildings & for Site area ≥ 1000m <sup>2</sup>   | 2B                             | ✓              |                   |                   |             |                    |
| SS 9                            | Immediate Neighbourhood Wind Environment | 1 credit for demonstrating that no pedestrian areas will be subject to excessive wind velocities caused by amplification due to the site layout design and/ or building design.  | All buildings  | 1                              | ✓              |                   |                   |             | ✓                  |
| SS 10                           | Outdoor Thermal Comfort                  | (a) Shaded or Covered Routes<br>1 credit for at least one shaded or covered route, connecting the site with nearby amenities / site main entrance/ transport hub.  | All sites with site area of 1,000m <sup>2</sup> or more.   | 1                              | ✓              |                   |                   |             | ✓                  |
|                                 |  | (b) Passive Open Spaces with Thermal Comfort<br>1 credit for 50% or more of the passive open spaces and pedestrian zones achieving thermal comfort is demonstrated on a typical summer day at 3:00 pm in Hong Kong.  |  | 1                              | ✓              |                   |                   |             | ✓                  |
| SS 11                           | Stormwater Management                    | 2 credits for demonstrating that adequate stormwater management design measures have been provided to cater the total volume of runoff for one hour corresponding to a design rainfall of at least 30mm/event for the site in its post-developed conditions.   | All sites with site area of 1,000m <sup>2</sup> or more.   | 2                              | ✓              |                   |                   |             | ✓                  |
|                                 |  | 1 ADDITIONAL BONUS credit for demonstrating that adequate stormwater management measures have been provided to cater the total volume of runoff corresponding to a design rainfall of at least 40mm/event for the site in its post-developed conditions.   |  | 1B                             | ✓              |                   |                   |             | ✓                  |
| SS 12                           | Design for Climate Change Adaptation     | 1 BONUS credit for studying the projected variation in temperature and rainfall, water level rise/ storm surge of adjacent water bodies, increased frequency of lightning strikes, occurrence of more severe tropical cyclones, etc. due to climate change and its impact on the development and prepare mitigation proposal to improve the climate resilience of the building.  | All buildings  | 1B                             | ✓              |                   |                   | ✓           | ✓                  |
|                                 |  | 1 ADDITIONAL BONUS credit for including quantitative calculation to support the resilience design which is technically eligible and cost effective.  |  | 1B                             | ✓              |                   |                   | ✓           | ✓                  |
| <b>Materials and Waste (MW)</b> |  |  |  | <b>14+21B</b>                  |                |                   |                   |             |                    |
| MW P1                           | Minimum Waste Handling Facilities        | Meet the minimum provisions of waste recycle facilities for the collection, sorting, storage, recycling (recovered material) and disposal (waste).   | All buildings except one-single family domestic building with not more than 3 floors, or domestic part of a composite building for one single family with not more than 3 floors, or a building not normally occupied or for transient stay (e.g. pump house, sewage treatment plant, carpark building). | Prerequisite                   | ✓              |                   |                   |             |                    |
| MW 1                            | Building Re-use                          | <b>Compliance method 1</b><br>1 BONUS credit for the reuse of 20% or more (by mass or volume) of existing structures (sub-structure and superstructure).<br>2 BONUS credits for the reuse of 40% or more (by mass or volume) of existing structures (sub-structure and superstructure).<br>For exemplary performance, 1 ADDITIONAL BONUS credit for the reuse of 90% or more (by mass or volume) of existing structures (sub-structure and superstructure).<br><br><b>Alternatively, Compliance method 2</b><br>1 BONUS credit for the reuse of 25% or more (by surface area) of superstructure elements (including at least floor, roof decking) & enclosure materials (including at least skin, framing).<br>2 BONUS credits for the reuse of 50% or more (by surface area) of superstructure elements (including at least floor, roof decking) & enclosure materials (including at least skin, framing).<br>For exemplary performance, 1 ADDITIONAL BONUS credit for the reuse of 90% or more (by surface area) of superstructure elements (including at least floor, roof decking) & enclosure materials   | All buildings  | 3B                             | ✓              |                   |                   |             |                    |
| MW 2                            | Modular and Standardised Design          | <b>Compliance Method 1</b><br>1 credit for designing modular elements which contributed at least 50% (by mass, volume, dollar value or surface area) of the major elements and modules in the project.<br><br><b>Alternatively, Compliance Method 2</b><br>1 credit for designing modular elements which contributed at least 50% by Construction Floor Area (CFA) of the development with typical floors design.<br>For exemplary performance, 1 ADDITIONAL BONUS credit for designing modular elements which contributed 90% or more by:<br>• Mass, volume, dollar value or surface area of the major elements and modules in the project; or<br>• CFA of the development with typical floors design.  | All buildings except for single one-storey buildings with total floor areas not exceeding 230m <sup>2</sup> .  | 1                              | ✓              |                   |                   | ✓           |                    |
|                                 |  |  |  | 1B                             | ✓              |                   |                   | ✓           |                    |
| MW 3                            | Prefabrication                           | (a) Structural Elements<br>1 credit when 10% of structural elements has been prefabricated off-site.<br>1 ADDITIONAL BONUS credit when 20% of the structural elements have been prefabricated off-site.<br><br><b>Alternatively,</b><br>(b) Façade Elements<br>1 credit when 10% of façade elements has been prefabricated off-site.<br>1 ADDITIONAL BONUS credit when 20% of façade elements have been prefabricated off-site.<br><br><b>Alternatively,</b><br>(c) Architectural/ Internal Building Elements<br>1 credit when 10% of architectural/ internal building elements have been prefabricated off-site.<br>1 ADDITIONAL BONUS credit when 20% of architectural/ internal building elements has been prefabricated off-site.<br><br>1 ADDITIONAL BONUS credit for compliance with the requirements listed in above sub-item (a), (b) and (c), i.e. 10% or more of structural elements, façade elements and architectural/ internal building elements have been prefabricated off-site.<br>1 ADDITIONAL BONUS credit for exemplary performance when 50% or more of the elements in sub-item (a) or (b) or (c) has been prefabricated off-site. | All buildings  | 1 + 1B                         | ✓              |                   |                   | ✓           |                    |
|                                 |  |  |  | 1B                             | ✓              |                   |                   | ✓           |                    |
|                                 |  |  |  | 1B                             | ✓              |                   |                   | ✓           |                    |
| MW 4                            | Design for Durability and Resilience     | (a) Building Material Selection Appraisal<br>1 credit for appraisal report demonstrating a proactive approach to evaluate the durability of the building materials with at least 3 of the relevant listed items.<br><br>(b) Protecting Vulnerable Parts of the Building from Damage<br>1 BONUS credit for providing suitable protective measures, or designed features or solutions to prevent damage to vulnerable parts.<br><br>(c) Protecting Exposed Parts of the Building from Material Degradation<br>1 BONUS credit for incorporating appropriate design and specifications measures to limit material degradation due to environmental factors.  | All buildings  | 1                              | ✓              |                   |                   | ✓           | ✓                  |
|                                 |  |  |  | 1B                             | ✓              |                   |                   | ✓           | ✓                  |
|                                 |  |  |  | 1B                             | ✓              |                   |                   | ✓           | ✓                  |

# Compliance Assessment (CA) Checklist

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|------------------------|------------------------------------|---|---|--------------------------------|----------------|-------------------|-------------------|-------------|--------------------|
| MW 5                   | Sustainable Forest Products        | 1 credit for demonstrating at least 30% (for residential development) and 50% (for non-residential development) of all the timber and composite timber products used in the project are from sustainable sources/ recycled timber.  | All buildings, except buildings with an insignificant amount of timber products being adopted.  | 1                              |                |                   | ✓                 | ✓           |                    |
|                        |                                    | 1 <b>ADDITIONAL BONUS</b> for exemplary performance, for demonstrating 90% or more of all the timber and composite timber products used in the project are from sustainable sources/ recycled timber.   |   | 1B                             |                |                   | ✓                 | ✓           |                    |
| MW 6                   | Recycled Materials                 | (a) Outside Surface Works and Structures<br>1 credit where at least 10% of all materials used for site exterior surface works, structures and features are materials with recycled content.<br><i>Alternatively,</i>  | All buildings   | 1                              | ✓              |                   |                   | ✓           |                    |
|                        |                                    | (b) Building Façade and Structural Components<br>1 credit where at least 10% of all materials used for façade and structural components are materials with recycled content. Recycled content refers to:<br>• The use of Pulverised Fuel Ash (PFA) as a partial cement replacement in concrete that the PFA content is not less than 25%; OR<br>• The use of Ground Granulated Blast-furnace Slag (GGBS) as a partial cement replacement in concrete that the GGBS content is not less than 40%; OR<br>• Recycled content other than steel/ glass/ PFA/ GGBS.<br><i>Alternatively,</i>  |   |                                | ✓              |                   |                   | ✓           |                    |
|                        |                                    | (c) Interior Non-structural Components<br>1 credit where at least 10% of all materials used for interior non- structural components are materials with recycled content.<br>1 <b>ADDITIONAL BONUS</b> credit for compliance with the requirements listed in sub-item (a), (b) and (c).  |   |                                |                |                   | ✓                 | ✓           |                    |
|                        |                                    | 1 <b>ADDITIONAL BONUS</b> credit for exemplary performance, where 50% or more of all materials used for sub-item (a) or (b) or (c) are materials with recycled content.   |   |                                | 1B             |                   | ✓                 | ✓           |                    |
| MW 7                   | Ozone Depleting Substances         | (a) Refrigerants<br>1 credit for the use of refrigerants with a value less than or equal to the threshold of the combined contribution to ozone depletion and global warming potentials using the specified equation.   | All buildings with newly installed air conditioning and refrigeration equipment.  | 1                              | ✓              |                   |                   | ✓           |                    |
|                        |                                    | (b) Ozone Depleting Materials<br>1 credit for the use of products in the building fabric and services that avoid using ozone depleting substances in their manufacture, composition or use.   | All buildings   | 1                              | ✓              |                   |                   | ✓           |                    |
| MW 8                   | Regional Materials                 | 1 credit for the use of regional materials meeting prescribed requirement, which contributes at least 10% of all building materials used in the project.  | All buildings   | 1                              |                |                   | ✓                 | ✓           |                    |
|                        |                                    | 1 <b>ADDITIONAL BONUS</b> credits for the use of regional materials meeting prescribed requirement, which contributes at least 20% of all building materials used in the project.   |   | 1B                             |                |                   | ✓                 | ✓           |                    |
|                        |                                    | 1 <b>ADDITIONAL BONUS</b> credit for exemplary performance, for the use of regional materials meeting prescribed requirement, which contributes 50% or above of all building materials used in the project.   |   | 1B                             |                |                   | ✓                 | ✓           |                    |
| MW 9                   | Use of Green Products              | (a) Certified Green Products<br>1 credit for having at least 5% of certified green products in one (1) of the listed categories (outside surface works, building façade and structures, interior non-structural components, and building services components).<br>2 credits for having at least 5% of certified green products in two (2) of the listed categories (outside surface works, building façade and structures, interior non-structural components, and building services components).<br>1 <b>ADDITIONAL BONUS</b> credit for having at least 5% of certified green products under Construction Industry Council (CIC) Green Product Certification [ ] in one (1) of the listed categories (outside surface works, building façade and structures, interior non-structural components, and building services components).<br>1 <b>ADDITIONAL BONUS</b> credit for exemplary performance, for having at least 25% of certified green products under CIC Green Product Certification [1] in one (1) of the listed categories (outside surface works, building façade and structures, interior non-structural components, and building services components). | All buildings   | 2                              |                |                   | ✓                 | ✓           |                    |
|                        |                                    | (b) Rapidly Renewable Materials<br>1 BONUS credit for demonstrating 5% of all building materials/ products of interior non-structural components in the project are rapidly renewable materials.<br>1 <b>ADDITIONAL BONUS</b> credit for exemplary performance, for demonstrating 25% of all building materials/ products of interior non-structural components in the project are rapidly renewable materials.   |   | 1B                             |                |                   | ✓                 | ✓           |                    |
|                        |                                    |   |   | 1B                             |                |                   | ✓                 | ✓           |                    |
|                        |                                    |   |   | 1B                             |                |                   | ✓                 | ✓           |                    |
|                        |                                    |   |   | 1B                             |                |                   | ✓                 | ✓           |                    |
| MW 10                  | Life Cycle Assessment              | 1 credit for demonstrating the environmental performances in the major elements of the building structure of the building has been studied and optimised through a Life Cycle Assessment (LCA).<br><i>Alternatively,</i><br>1 credit for demonstrating the embodied carbon in the major elements of the building structure of the building has been studied and optimised through an embodied carbon assessment.  | All buildings   | 1                              | ✓              |                   |                   |             | ✓                  |
|                        |                                    | 1 <b>ADDITIONAL BONUS</b> for demonstrating the full embodied carbon of construction materials and carbon emissions of on-site construction processes has been studied through an embodied carbon assessment.   |   | 1B                             | ✓              |                   |                   |             |                    |
| MW 11                  | Adaptability and Deconstruction    | a) Spatial Adaptability<br>1 credit for designs providing spatial flexibility that can adapt spaces for different uses and allows for expansion to permit additional spatial requirements to be accommodated.<br><i>Alternatively,</i><br>b) Flexible Engineering Services<br>1 credit for flexible design of services that can adapt to changes of layout and use.<br><i>Alternatively,</i><br>c) Structural Adaptability<br>1 credit for designs providing flexibility through the use of building structural systems which allow for change in future use and is coordinated with interior planning modules.<br>1 <b>ADDITIONAL BONUS</b> credit for compliance with requirements listed in sub-item (a), (b) and (c).   | All buildings   | 1                              |                |                   | ✓                 |             |                    |
|                        |                                    |   |   | 1B                             |                |                   | ✓                 |             |                    |
| MW 12                  | Enhanced Waste Handling Facilities | (a) Additional Recyclables Collection<br>1 credit for the provision of facilities for collection, sorting, storage and disposal of 2 other recyclable streams in addition to those described in MW P1.  | All buildings except one-single family domestic building with not more than 3 floors, or domestic parts of a composite building for one-single family with not more than 3 floors, or a building not normally occupied or for transient stay (e.g. pump house, sewage treatment plant, carpark building).<br><br>Part (b) is applicable only when Municipal Solid Waste Charging Scheme is activated. | 1                              | ✓              |                   |                   | ✓           |                    |
|                        |                                    | (b) Additional Facilities Provisions to Enable enhanced Municipal Solid Waste (MSW) Charging Scheme<br>1 credit for additional facilities for collection, sorting, storage and disposal of recyclables in addition to those described in MW P1 and MW 12 part (a).  |   | 1                              | ✓              |                   |                   | ✓           |                    |
|                        |                                    | (c) Waste treatment equipment<br>1 BONUS credit for providing at least one set of waste treatment equipment.  |   | 1B                             | ✓              |                   |                   | ✓           |                    |
|                        |                                    | (d) Alternatives to Recycling Facilities<br>1 BONUS credit for provide alternative means of waste collection systems.   |   | 1B                             | ✓              |                   |                   | ✓           |                    |
| <b>Energy Use (EU)</b> |                                    |   |   |                                |                |                   |                   |             |                    |
| EU P1                  | Minimum Energy Performance         | Demonstrate performance improvement against the applicable edition of Building Energy Code (BEC).   | All buildings   | Prerequisite                   | ✓              |                   |                   |             |                    |

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|-----------------------|--|--|---|--------------------------------|----------------|-------------------|-------------------|-------------|--------------------|--|
| EU 1                  | Low Carbon Passive Design                | <b>Option 1: Prescriptive Path</b><br>4 credits for incorporating any 4 of the passive design strategies listed below, 1 credit for each strategy:<br>(1) Optimum Spatial Planning;<br>(2) External Overhang (Fix/ movable);<br>(3) Vegetated Building Envelope;<br>(4) Cross Ventilation Provision (normally occupied space);<br>(5) Cross Ventilation Provision (not normally occupied space);<br>(6) Daylighting Provision<br>1 <b>ADDITIONAL BONUS</b> credit for incorporating ALL the above listed passive design strategies | All buildings   | 4                              | ✓              |                   |                   |             | ✓                  |  |
|                       |  | <b>Alternatively, Option 2: Performance Route (6 credits)</b><br>(1) Built Form and orientation;<br>(2) Optimum spatial planning;<br>(3) External shading devices;<br>(4) Vegetated building envelope;<br>(5) Space layout for natural ventilation<br>(6) Sufficient daylight penetration  |   | 6                              |                | ✓                 |                   |             | ✓                  |  |
| EU 2                  | Reduction of CO <sub>2</sub> Emissions   | <b>Option 1 – Performance Route (1-10 credits + 5 ADDITIONAL BONUS)</b><br>Demonstrate a percentage of reduction in annual CO <sub>2</sub> emission of the proposed building performance compared with the baseline performance.<br>1 to 10 credits for annual CO <sub>2</sub> emission reduction from 1% to 19% (BEC 2018) and from 1% to 17% (BEC 2021).<br>1 to 5 <b>ADDITIONAL BONUS</b> for annual CO <sub>2</sub> emission reduction from 21% to 29% (BEC 2018) and from 19% to 27% (BEC 2021).                              | All buildings   | 10                             | ✓*             | ✓*                | ✓*                |             |                    |  |
|                       |  | <b>Alternatively, Option 2 – Prescriptive Route (1-7 credits + 8 ADDITIONAL BONUS)</b><br>Demonstrate a prescriptive compliance in the listed item.<br>(a) Passive Building Design Enhancement (0.5 to 3 credits + 5 <b>ADDITIONAL BONUS</b> )<br>(b) Active Building Design Improvement (0.5 to 4 credits + 3 <b>ADDITIONAL BONUS</b> )   |   | 5B                             | ✓*             | ✓*                | ✓*                |             |                    |  |
|                       |  |  |   | 7                              | ✓              |                   |                   |             |                    |  |
|                       |  |  |   | 8B                             | ✓              |                   |                   |             |                    |  |
| EU 3                  | Peak Electricity Demand Reduction        | <b>Option 1 – Performance Path (1-3 credits)</b><br>Based on simulation result in EU 2 (Performance Path) to review the achieved peak electricity demand reduction from 5% to 15%.   | All buildings   | 3                              | ✓*             | ✓*                | ✓*                |             |                    |  |
|                       |  | <b>Alternatively, Option 2 – Prescriptive Path (1-2 credits + 1 ADDITIONAL BONUS)</b><br>1 credit when achieving 4 credits in EU 2 (Prescriptive Path)<br>2 credits when achieving 4 credits + 2 <b>ADDITIONAL BONUS</b> in EU 2 (Prescriptive Path)<br>2 credits + 1 <b>ADDITIONAL BONUS</b> when achieving 5 credits + 4 <b>ADDITIONAL BONUS</b> in EU 2 (Prescriptive Path)   |   | 2                              | ✓              |                   |                   |             |                    |  |
|                       |  |  |   | 1B                             | ✓              |                   |                   |             |                    |  |
| EU 4                  | Metering and Monitoring                  | (a) Fundamental Metering and Monitoring<br>1 credit for providing energy monitoring system of equipment and systems in spaces.   | All non-residential buildings/ portions or common areas of residential buildings/ portions  | 1                              | ✓              |                   |                   | ✓           |                    |  |
|                       |  | 1 <b>BONUS</b> credit for providing performance auditing monitoring system for equipment and systems in spaces.  |   | 1B                             | ✓              |                   |                   | ✓           |                    |  |
|                       |  | (b) Metering for Tenanted Area<br>1 <b>BONUS</b> credit for allowing monitoring provision of tenants' energy consumption.  | All non-residential buildings/ portions with tenanted areas   | 1B                             |                |                   | ✓                 | ✓           |                    |  |
| EU 5                  | Renewable and Alternative Energy Systems | (a) Solar Energy Feasibility Study<br>1 credit for evaluating the building roof's potential for harnessing solar energy.   | All buildings   | 1                              | ✓              |                   |                   |             | ✓                  |  |
|                       |  | (b) On-site Renewable Energy Application (1-5 credits + 5 <b>ADDITIONAL BONUS</b> )<br>1 to 5 credits for using on-site renewable energy applications to offset annual building energy consumption for controlled area to offset 0.2% to 1% energy consumption.<br>1 to 5 <b>ADDITIONAL BONUS</b> credits for using on-site renewable energy applications to offset annual building energy consumption for controlled area to offset 1.2% to 2% energy consumption.  |   | 5                              | ✓*             | ✓*                | ✓*                |             |                    |  |
|                       |  |  |   | 5B                             | ✓*             | ✓*                | ✓*                |             |                    |  |
| EU 6                  | Air-Conditioning Units                   | (a) Compliance with Manufacturer's Recommendation<br>1 credit for complying with manufacturer's recommended installation positions for optimal heat rejection.   | All buildings using variable refrigerant flow (VRF) units, window or split-type air conditioners as major source of air conditioning                                    | 1                              | ✓              |                   |                   | ✓           |                    |  |
|                       |  | (b) Performance Verification<br>1 credit for demonstrating the operating temperatures of all variable refrigerant flow (VRF) units, window type, split-type or packaged type air-conditioning units do not exceed manufacturer's recommendation for the specified COP in the manufacturer's technical specifications via computational simulation techniques.  | All buildings using variable refrigerant flow (VRF) units, window or split-type air conditioners as major source of air conditioning and installed by the project owner | 1                              |                | ✓                 |                   | ✓           |                    |  |
| EU 7                  | Clothes Drying Facilities                | (a) Provision of Clothes Drying Facilities<br>1 credit for providing clothes drying facilities for all residential units under suitable location conditions.   | Residential buildings, exclusively for those specified under "Assessment"   | 1                              | ✓              |                   |                   | ✓           | ✓                  |  |
|                       |  | (b) Demonstration of Effectiveness<br>1 <b>BONUS</b> credit for demonstrating the effectiveness of clothes drying facilities via computational analysis.   |   | 1B                             |                | ✓                 |                   | ✓           | ✓                  |  |
| EU 8                  | Energy Efficient Appliances              | 1 credit when 60% of total rated power of appliances are certified energy efficient products<br>2 credit when 80% of total rated power of appliances are certified energy efficient products   | Residential buildings and hotel, exclusively for those specified under "Assessment"   | 2                              | ✓              |                   |                   | ✓           |                    |  |
| <b>Water Use (WU)</b> |  |  |   | <b>12+4B</b>                   |                |                   |                   |             |                    |  |
| WU P1                 | Minimum Water Saving Performance         | Demonstrate that the use of water efficient flow devices leads to an estimated annual saving of 10%.   | All buildings   | Prerequisite                   | ✓              |                   |                   |             |                    |  |
| WU 1                  | Annual Water Use                         | (a) Further Potable Water Saving<br>1 credit for demonstrating that the use of water efficient flow devices leads to an estimated annual saving of 20%.<br>2 credits for demonstrating that the use of water efficient flow devices leads to an estimated annual saving of 25%.<br>3 credits for demonstrating that the use of water efficient flow devices leads to an estimated annual saving of 30%.  | All buildings   | 3                              | ✓              |                   |                   | ✓           |                    |  |
|                       |  | (b) Exemplary Potable Water Saving<br>1 <b>ADDITIONAL BONUS</b> credit for demonstrating that the use of water efficient flow devices leads to an estimated annual saving of 40%.  |   | 1B                             | ✓              |                   |                   | ✓           |                    |  |
| WU 2                  | Water Efficient Irrigation               | 1 credit for reducing potable water consumption for irrigation of at least 25% in comparison with the baseline.<br>2 credits for reducing potable water consumption for irrigation of at least 50% in comparison with the baseline.  | All buildings with permanent greenery   | 2                              |                |                   | ✓                 | ✓           |                    |  |
|                       |  | 1 <b>ADDITIONAL BONUS</b> credit for reducing potable water consumption for irrigation by 100% in comparison with the baseline.  |   | 1B                             |                |                   | ✓                 | ✓           |                    |  |
| WU 3                  | Water Efficient Appliances               | 1 credit for installing water efficient appliances that achieve Grade 1 under the WSD's Water Efficiency Labelling Scheme.   | Residential buildings, exclusively for those specified in Clause 1 under "Assessment"   | 1                              | ✓              |                   |                   | ✓           |                    |  |
| WU 4                  | Water Leakage Detection                  | 1 credit for installing water leakage detection systems in all municipal fresh water tank and/ or pump rooms.  | All buildings with fresh water tank and/ or pump rooms  | 1                              | ✓              |                   |                   | ✓           |                    |  |
| WU 5                  | Design for Water Supply Management       | (a) Twin Tank System<br>1 credit for providing twin tank for potable water supply system and flushing water supply system.   | All buildings (including buildings with centralised/ shared tank that is outside the assessment boundary)   | 1                              | ✓              |                   |                   | ✓           |                    |  |
|                       |  | (b) Water Safety Control Measures<br>1 <b>BONUS</b> credit for demonstrating the application of water safety control measures in the potable water supply system.  | All buildings   | 1B                             | ✓              |                   |                   | ✓           |                    |  |
| WU 6                  | Cooling Tower Water                      | 1 credit for achieving 7 or more cycles of concentration with acceptable water quality.  | All buildings equipped with cooling tower using potable water as  | 1                              | ✓              |                   |                   | ✓           |                    |  |
| WU 7                  | Effluent Discharge to Foul Sewers        | 1 credit for demonstrating a reduction in annual sewage volumes by 20% or more.  | All buildings   | 1                              | ✓              |                   |                   | ✓           |                    |  |

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| WU 8                              | Water Harvesting and Recycling  | (a) Harvested Rainwater<br>1 credit for harvesting of rainwater that achieve a reduction of 5% or more in the consumption of potable water.  | All buildings   | 1                              |                |                   | ✓                 | ✓           |                    |
|                                   |                                 | (b) Recycled Grey Water<br>1 credit for recycled grey water that achieve a reduction of 5% of more in the consumption of potable water.  |   | 1                              |                |                   | ✓                 | ✓           |                    |
|                                   |                                 | (c) Exemplary Water Recycling<br>1 BONUS credit where harvested rainwater, recycled grey water or a combination of both leads to a reduction of 10% of more in the consumption of potable water.   |   | 1B                             |                |                   | ✓                 | ✓           |                    |
| <b>Health and Wellbeing (HWB)</b> |                                 |  |   | <b>19+10B</b>                  |                |                   |                   |             |                    |
| HWB P1                            | Minimum Ventilation Performance | (a) Measure outdoor air pollutants on-site prior to building design to understand the site conditions.<br>(b) Demonstrate the project is in compliance with the minimum ventilation quantity with respective to its designed ventilation mode.   | All buildings   | Prerequisite                   | ✓              |                   |                   |             | ✓<br>(part a only) |
| HWB 1                             | Healthy and Active Living       | 1 BONUS credit for providing at least 3 items of all applicable design measures for healthy and active living.   | All buildings   | 1B                             | ✓              |                   |                   | ✓           |                    |
| HWB 2                             | Biophilic Design                | 1 BONUS credit for demonstrating visual connection with nature and/ or biophilic design features at an assessment space with Visual Quality Score of 2 or above.   | All buildings   | 1B                             |                |                   | ✓                 | ✓           |                    |
|                                   |                                 | 1 ADDITIONAL BONUS credit for demonstrating visual connection with nature and/ or biophilic design features at an assessment space with Visual Quality Score of 3 or above.  |   | 1B                             |                |                   | ✓                 | ✓           |                    |
| HWB 3                             | Inclusive Design                | (a) Universal Accessibility<br>1 credit for providing at least ten (10) applicable enhanced provisions as stipulated in the "Recommended Design Requirements" of BFA 2008.   | All buildings   | 1                              | ✓              |                   |                   | ✓           |                    |
|                                   |                                 | (b) Weather Protection & Family Friendly Facilities<br>1 BONUS credit for providing prescribed weather protection and at least two (2) family friendly facilities features.  |   | 1B                             | ✓              |                   |                   | ✓           |                    |
| HWB 4                             | Enhanced Ventilation            | (a) Fresh Air Provision<br>1.1 Fresh air provision in normally occupied spaces<br>1 credit for demonstrating that all normally occupied spaces in the building are provided with increased ventilation.  | All buildings   | 1                              | ✓              |                   |                   |             |                    |
|                                   |                                 | 1.2 Fresh air provision in not normally occupied spaces<br>1 credit for demonstrating that all not normally occupied spaces in the building are provided with adequate ventilation.  |   | 1                              | ✓              |                   |                   |             |                    |
|                                   |                                 | 1.3 On-site measurements<br>1 ADDITIONAL BONUS credit for conducting on-site measurements to verify the ventilation performance for normally occupied spaces.  |   | 1B                             |                |                   | ✓                 | ✓           |                    |
|                                   |                                 | (b) Exhaust air<br>1 credit for the provision of an effective ventilation system for spaces where significant indoor pollution sources are consistently generated.   |   | 1                              |                | ✓                 |                   |             |                    |
| HWB 5                             | Waste Odour Control             | 1 credit for installing odour sensor at all discharge points from enclosed waste disposal and recycling spaces.  | All buildings with RCP(s), RS&MRC(s) and/or RS&MRR(s)   | 1                              | ✓              |                   |                   | ✓           |                    |
| HWB 6                             | Acoustic and Noise              | (a) Room Acoustics<br>(1) 1 credit for demonstrating that mid-frequency reverberation time in applicable spaces of landlord's-controlled area meets the prescribed criteria of different types of premises.  | All buildings with the spaces specified in the assessment criteria, with spaces where speech intelligibility is important, and without rooms of a special acoustical nature   | 1                              |                | ✓                 |                   | ✓           |                    |
|                                   |                                 | (2) 1 credit for demonstrating that mid-frequency reverberation time in applicable rooms of non-landlord/ tenanted spaces meets the prescribed criteria of different types of premises.  | All buildings with non-landlord/ tenanted spaces of the type(s) of premises specified in the assessment criteria, with spaces where speech intelligibility is important, and without rooms of a special acoustical nature | 1                              |                | ✓                 |                   | ✓           |                    |
|                                   |                                 | (b) Noise Isolation<br>(1) 1 credit for demonstrating airborne noise isolation between spaces fulfils the prescribed criteria.   | All buildings with the spaces specified in the assessment criteria, with spaces where speech intelligibility is important, and without rooms of a special acoustical nature   | 1                              |                | ✓                 |                   | ✓           |                    |
|                                   |                                 | (2) 1 BONUS for demonstrating impact noise isolation between floors fulfils the prescribed criteria.   | Residential buildings   | 1B                             |                | ✓                 |                   | ✓           |                    |
|                                   |                                 | (c) Background Noise<br>1 credit for demonstrating background noise levels within the prescribed criteria (including traffic noise and building services equipment that are within the project boundary).  | All buildings with the spaces specified in the assessment criteria, with spaces where speech intelligibility is important, and without rooms of a special acoustical nature   | 1                              |                | ✓                 |                   | ✓           |                    |
| HWB 7                             | Indoor Vibration                | 1 credit for demonstrating vibration levels not exceeding the prescribed criteria.   | All buildings with normally occupied spaces   | 1                              |                | ✓                 |                   | ✓           |                    |
| HWB 8                             | Indoor Air Quality              | (a) Indoor Air Quality in Occupied Spaces<br><b>Path 1</b><br>2 credit for demonstrating compliance with the prescribed limits for Carbon monoxide (CO), Nitrogen dioxide (NO <sub>2</sub> ), Ozone (O <sub>3</sub> ), Carbon dioxide (CO <sub>2</sub> ), Respirable suspended particulates (PM <sub>10</sub> ), Total volatile organic compounds (TVOCs), Formaldehyde (HCHO) and Radon (Rn) in the sampled occupied spaces.<br><br>1 credit for demonstrating compliance with the prescribed limits for Airborne bacteria and conduct the Mould assessment in the sampled occupied spaces. | All buildings   | 3                              |                |                   | ✓                 | ✓           |                    |
|                                   |                                 | <b>Path 2</b><br>3 credits for submitting a valid IAQ Certification Scheme (Good Class) certificate issued by the Environmental Protection Department (EPD) covering the whole building.<br><b>Path 2</b><br>1 ADDITIONAL BONUS credit for submitting a valid IAQ Certification Scheme (Excellent Class) certificate issued by the Environmental Protection Department (EPD) covering the whole building.  |   | 1B                             |                |                   | ✓                 | ✓           |                    |
|                                   |                                 | (b) Air Quality in Car Park<br>1 credit for demonstrating compliance with the pollutant concentration limits specified in ProPECC PN 2/96.   |   | 1                              |                |                   | ✓                 | ✓           |                    |
| HWB 9                             | Thermal Comfort                 | (a) Thermal Comfort Analysis<br>2 credits for conducting thermal comfort analysis and demonstrate that normally occupied spaces can fulfil the thermal comfort requirements.   | All buildings   | 2                              |                | ✓                 |                   | ✓           | ✓                  |
|                                   |                                 | (b) Thermal Comfort Measurement<br>1 ADDITIONAL BONUS credit for conducting on-site measurements to verify the thermal comfort performance.  |   | 1B                             |                |                   | ✓                 | ✓           |                    |
| HWB 10                            | Artificial Lighting             | (a) Artificial lighting in normally occupied spaces<br>1 credit for achieving the prescribed lighting performance in normally occupied spaces.   | All buildings   | 1                              |                | ✓                 |                   | ✓           |                    |
|                                   |                                 | (b) Artificial lighting in not normally occupied spaces and unoccupied spaces<br>1 credit for achieving the prescribed lighting performance in not normally occupied spaces and unoccupied spaces.   |   | 1                              |                | ✓                 |                   | ✓           |                    |
| HWB 11                            | Daylight                        | 2 BONUS credits for demonstrating at least 55% of the total area of the studied normally occupied spaces achieves spatial Daylight Autonomy <sub>300/50%</sub> (SDA <sub>300/50%</sub> ) and no more than 10% of the same area receives Annual Sunlight Exposure <sub>100,250</sub> (ASE <sub>1000,250</sub> ).  | All buildings   | 2B                             |                | ✓                 |                   |             | ✓                  |

# Compliance Assessment (CA) Checklist

**Legend:**

Credit(s) eligible for Compliance Assessment  
(i.e. Document Check + Advance Submittal)

Credit(s) **NOT** eligible for Compliance Assessment  
(i.e. Performance Check)

Credit(s) eligible for adopting "Confirmation of Intent (COI)"  
for Compliance Assessment

Credit(s) identified as "Conclusive Credit(s)" in which supporting documents are **NOT** required in CA/  
RFA submissions if the credit(s) is/ are achieved with sufficient evidence to demonstrate compliance  
with the CA requirement in PA submissions

| Credits                               | Credit Heads              | Credit Requirements  | Extent of Application | No. of Credits / Bonus credits | Document Check | Advance Submittal | Performance Check | COI Credits | Conclusive Credits |
|---------------------------------------|---------------------------|--|-----------------------|--------------------------------|----------------|-------------------|-------------------|-------------|--------------------|
| HWB 12                                | Biological Contamination  | 1 credit for complying with the recommendations given in the Code of Practice for Prevention of Legionnaires' Disease 2016/ 2021 Edition in respect of Water Supply Systems, HVAC Systems and other Water Features   | All buildings         | 1                              | ✓              |                   |                   | ✓           | ✓                  |
| <b>Innovations and Additions (IA)</b> |                           |  |                       | <b>10B</b>                     |                |                   |                   |             |                    |
| IA 1                                  | Innovations and Additions | 1 Bonus credit for each of the application of new practice, technologies and/ or techniques that are (1) not described in this manual; or (2) not market mainstream implementation; or (3) multiple aspect achievement; and the associated benefits in addressing sustainability objectives for new buildings (Maximum 10 BONUS credits in this Section) | All buildings         | 10B                            | ✓              |                   |                   | ✓           |                    |