

FREQUENTLY ASKED QUESTIONS ON GREEN MARK CERTIFICATION



For more info/clarification, please email to bca_greenmark@bca.gov.sg.

FAQ

Existing Non Residential Buildings ENRB: 2017

General Questions On Green Mark Certification	
Q1	There is no point requirement for Certified Rating in GM ENRB:2017. How does a project score for Certified Rating?
	Project which complies with all minimum pre-requisite (All Ratings) is deemed to have met the requirements for Green Mark Certified Rating.
Q2	What is the validity period of Green Mark certification, in general?
	Green Mark certification is valid for 3 years from date of Letter of Award issued by BCA.
Q3	What are the stages of Green Mark certification?
	There are 3 main stages in Green Mark certification. Stage 1- Pre-assessment - This stage is optional, used mainly when Project team members are unfamiliar with the criteria and require clarifications. Stage 2- Actual assessment (Site verification and checks on supporting document) Stage 3- Verification on committed items (to verify that the project has incorporated all committed design features and system performance).
Q4	When will the letter of award and certificate be given out?
	BCA will issue the letter of award(LOA) on completion of the Green Mark assessment. The LOA will be issued approximately 3 weeks after the clearance of all Green mark document submission. The LOA can be awarded at any time of the year but the certificate for the Award will be issued in May/ June during the BCA awards ceremony. The certificate for the Award can also be collected at BCA office after the BCA awards ceremony for non-attendees of the awards ceremony.

Questions On Green Mark Pre Assessment									
Q5	Why is pre-assessment stage optional?								
	<p>The pre-assessment meeting involves meeting project team who are unfamiliar with Green Mark criteria.</p> <p>As the members of the industry are now well-informed of the Green Mark criteria and that tools and comprehensive detailed technical manuals are available in BCA website; Project team can choose to proceed straight into the actual assessment to speed up the certification process.</p> <p>Green Mark Criteria and Technical manuals can be found at https://www.bca.gov.sg/GreenMark/green_mark_criteria.html</p>								
Questions On Green Mark Pre Requisites (GM ENRB: 2017)									
Q6	What are the pre-requisite requirements?								
	<p>Green Mark rating are awarded based on 2 main parts:</p> <p>1) Meeting the GREEN MARK points specific to the rating; i.e.</p> <table border="0"> <tr> <td>Green Mark Platinum</td> <td>≥70 and above</td> </tr> <tr> <td>Green Mark Gold^{PLUS}</td> <td>≥60 to < 70</td> </tr> <tr> <td>Green Mark Gold</td> <td>> 50 to < 60</td> </tr> <tr> <td>Green Mark Certified</td> <td>Compliance with all pre-requisite requirements</td> </tr> </table> <p>2) Meeting all the applicable pre-requisite requirement.</p> <p>Pre-requisite requirements are mandatory, e.g. Chiller plant measurement and verification instrumentation. Project team should refer to the respective GM criteria for the complete list of pre-requisite criteria.</p>	Green Mark Platinum	≥70 and above	Green Mark Gold ^{PLUS}	≥60 to < 70	Green Mark Gold	> 50 to < 60	Green Mark Certified	Compliance with all pre-requisite requirements
Green Mark Platinum	≥70 and above								
Green Mark Gold ^{PLUS}	≥60 to < 70								
Green Mark Gold	> 50 to < 60								
Green Mark Certified	Compliance with all pre-requisite requirements								

Questions On Green Mark - Sustainable Management	
Q7	On 1.1 Environmental Credential of Facility Managers and Professionals: can Green Mark points be awarded for Green Mark Professional?
	No. Green Mark Professional(GMP) focuses more on the design of new buildings and are not trained on the sustainable management of existing buildings.
Q8	Does the Green corner have to be at a permanent location in the building?
	The Green corner should be a permanent fixture. TV panels which are displaying green messages are also acceptable.
Q9	Can points be awarded if an ESCO adopts the Energy Performance Contract for Performance-based procurement for retrofitting and Maintenance?
	We may consider an ESCO provided that the ESCO has a good track record of providing EPC services (such as GESP).
Q10	On 1.7 Green-related Activities for Building Occupants, it is stated that occupant well-being related activities are acceptable. Can well-being related activities be used to meet the pre-requisite requirement for green activity under GM ENRB: 2017.
	No. It has to be green-related activities for the building tenants and occupants. Health-related activity cannot be used to meet the pre-requisite requirement.
Q11	A building has two chillers. One of the refrigerant has GWP <10 and the other has GWP < 100. How is the point calculated?
	Points will be given based on the refrigerant with the higher cooling load.

Questions On Green Mark - Building Energy Performance	
Q12	If a project is designed with more than 1 type of air-conditioning system, how shall the air-conditioning systems be accounted?
	If the air-conditioning system accounts for more than 10% of the building cooling load, it must be computed and pro-rated according to the cooling load of each system.
Q13	Where can we get the power readings for the AHU?
	AHU power readings can be obtained from its power meters or VSD. The readings must be trend logged. Clamp-on power meter and nameplate will not be acceptable.

Questions On Green Mark - Resource Stewardship	
Q14	Are products or equipment which are certified by overseas certification bodies eligible for Green Mark points?
	No. Green Mark points will only be accorded to products and / or equipment certified by recognised local certification bodies.
Q15	If the chiller is awarded points for its energy efficiency in Section 2: Building Energy Performance, can it also score point as a sustainable product Under Section 3: Resource Stewardship?
	As long as it is certified by an approved local certification body, it can score point as a sustainable product.
Q16	Can project qualify for Green Mark points if NEWater will be provided at a later stage?
	Yes. Project team must commit to the provision of NEWater and fulfil this commitment within 2 years from date of Letter of Award.

Questions On Green Mark - Smart and Healthy	
Q17	How many responses are required for Post Occupancy Evaluation?
	The Post Occupancy Evaluation sample size should be at least 10% of the occupant population or minimum 10 if there is less than 100 occupants. The submission should also include corrective actions taken to address the issues raised by the respondents.
Q18	If the building uses smart surveillance technology with image recognition and artificial intelligence, can it score under 4.10b Advanced Integration and Analytics.
	If the technology does not bring about an improvement in energy efficiency and indoor environmental quality, no points will be awarded.

Questions On Green Mark - Advance Green Feature	
Q19	For 5.8 Outdoor Airflow Monitoring System, what is the accuracy requirement of the measuring instrument?
	Direct outdoor airflow measurement devices with capabilities to measure outdoor air intake flowrate shall have an accuracy of $\pm 10\%$ of the required minimum outdoor airflow in the buildings.