

BCA Green Mark for Transit Stations

Background

The BCA Green Mark for Transit Stations TS:2018 (**GM TS: 2018**) is a new addition to the suite of Green Mark schemes. It provides a holistic framework for transit stations to be designed, constructed and operated sustainably, while enhancing commuters' experience. The certification applies to both elevated and underground transit station developments.

Criteria

The criteria for BCA Green Mark for Transit Stations is adapted from the BCA Green Mark for Non-Residential Buildings with specific focus on the station's design and functionality, which considers the following:

- Responsive Urban Design
(Leadership, Urban harmony, Tropicality)

Encourage the development of a sustainable and accessible development with collaborative efforts among key stakeholders

- Energy Performance
(Energy efficiency, Energy effectiveness, Renewable energy)

Encourage the use of high-energy efficiency equipment for air-conditioning, lighting, and also the use of solar photovoltaic panels

- Resource Stewardship
(Water, Materials, Waste)

Encourage the conservation of resources such as water, materials and reduction of waste in the development of Transit Stations

- Smart and Healthy Buildings
(Indoor air quality, Spatial quality, Smart operations)

Encourage designs that enhance user comfort and control systems that monitor the operation of the station

- Advanced Green Efforts
(Enhanced performance, Cost effective design, Complementary certifications, Social benefits)

Provide other strategies, designs or processes that demonstrate exceptional levels of sustainable performance and innovation

