



BCA AWARDS 2017

Recognising Excellence in the Built Environment

Building and Construction  Authority

We shape a **safe**, **high quality**, **sustainable** and **friendly** built environment.

BCA Green and Gracious Builder Star Champion Award

The BCA Green and Gracious Builder Star Champion Award was introduced to recognise builders which have demonstrated exemplary green and gracious performance in their projects and consistently achieved the highest tier rating (i.e. Star Category). The pinnacle award also aims to encourage the whole construction value chain to embrace a green and gracious culture.

Builders that met the following criteria would be recommended for this Award:

- i. Achieved GGBS STAR rating for five (5) consecutive times (commencing from a certification, recertification or renewal audit) for a period of five (5) years;
- ii. No adverse feedback and green and gracious related stop work order in the past 3 years; and
- iii. Engaged at least five (5) or more GGBS or GGBS(SMC) certified sub-contractors/partners in ongoing projects

Gammon Pte. Limited



BCA GREEN AND GRACIOUS BUILDER STAR CHAMPION AWARD



Gammon Pte. Limited has been a longstanding and valued partner in the GGBS scheme since its inception. They have demonstrated firm belief and devotion in their internal Green and Caring culture through programmes that promote considerateness and eco-friendliness.

Gammon inspire innovation in its people, pioneer effective noise mitigating measures and invest in technologies that increase construction productivity. These efforts are evident in the way they build and in their active sharing of best practices with other builders. Generally, Gammon's dedication have undoubtedly helped nurture a positive image of the industry and steer it to change for the better.

BCA GREEN AND GRACIOUS BUILDER STAR CHAMPION AWARD



Since their entry into the GGBS scheme in 2010, Ho Lee's management has demonstrated strong commitment in developing its people's capabilities. Their implementation of the Green and Gracious practices are consistent across the project sites and throughout project duration. Ho Lee has also actively share their practices with other builders in the industry.

Ho Lee constantly engage stakeholders to understand how they are affected by the construction works and developed methodologies that seek active improvements to the site environment. One such notable effort is the planting of greeneries to soften the landscape and act as effective dust control. Ho Lee's dedication to reduce the environmental impact has undeniably enhanced the public perception of the industry.

BCA GREEN AND GRACIOUS BUILDER STAR CHAMPION AWARD

Organisation Name

Gammon Pte. Limited

Category

Organisation

Ho Lee Construction Pte Ltd

Organisation

BCA Green and Gracious Builder Award

The BCA Green and Gracious Builder Award (GGBA) was introduced in February 2009 to recognise progressive builders who adopt environmentally friendly practices and minimise the effects of construction for people living close to the worksite. Builders are rated on their performance in adopting best practices in construction site management.

The scheme was enhanced to stay relevant with the dynamics of the industry and to further encourage builders to adopt more of such best practices. This award recognises the conscious effort of builders in implementing environment protection and gracious practices during the construction phase of projects.

The GGBA 2017 will be given to the following ratings:

- STAR
- EXCELLENT

Rich Construction Company Pte. Ltd.

BCA GREEN AND GRACIOUS BUILDER AWARD

STAR



丰盛建筑有限公司
Rich Construction Company Pte Ltd

KEY FEATURES

- Use of Gravitrap and Gravitrek to monitor mosquito activities on site.
- Provision of sound proof curtains and dust prevention netting for neighbouring institution.
- Separation of hardcore, earth and sand using sand screen tray for recycling use on site.
- Installation of water spraying devices on hoarding for dust control.

BCA GREEN AND GRACIOUS BUILDER AWARD

STAR



SAMSUNG

SAMSUNG C&T

KEY FEATURES

- Use of solar power robot traffic controller.
- Use of Bio-ball silt trap to enhance Total Suspended Solid index of discharged water.
- Provision of double layered noise barrier around batching plant to reduce noise generated.
- Installation of see-through plastic panels at the corners of site hoarding to allow road users to see oncoming vehicles.
- Use of dust sweeping machine for removal of fine dust on site.

BCA GREEN AND GRACIOUS BUILDER AWARD

STAR



KEY FEATURES

- Use of automated wheel washer to increase productivity and reduce water usage.
- Use of biometric system for attendance taking.
- Provision of clear acrylic roof panel instead opaque ones to increase the illumination of sunlight.
- Use of precast double T-beam and steel plate to replace conventional timber formwork.

CES Engineering & Construction Pte. Ltd.



BCA GREEN AND GRACIOUS BUILDER AWARD

EXCELLENT



集永成建设私人有限公司
CES ENGINEERING & CONSTRUCTION PTE LTD

(A member of the Chip Eng Seng Group)

Co. Reg. No. 200716730Z

KEY FEATURES

- Use of crack inducer system to increase productivity.
- Installation of motion sensors in toilets to save energy.
- Implementation of Quality, Safety, Health and Environment online system which reduce paper records.

China Construction Realty Co. Pte. Ltd.



BCA GREEN AND GRACIOUS BUILDER AWARD

EXCELLENT



中建南洋置业有限公司
China Construction Realty Co Pte Ltd

KEY FEATURES

- Direct connection between ECM and toilet flushing system to reuse treated water.
- Use of LED vest and solar powered LED blinker lights for night activities for better traffic visibility.
- Use of timer to cut-off electricity at dormitory during work hours to save energy.

Chip Eng Seng Contractors (1988) Pte Ltd



BCA GREEN AND GRACIOUS BUILDER AWARD

EXCELLENT



集永成建筑工程(1988)私人有限公司
CHIP ENG SENG CONTRACTORS (1988) PTE LTD
(A member of the Chip Eng Seng Group)

KEY FEATURES

- Provision of a ramp with railing in place of the existing staircase for temporary diversion.
- Extensive provision of welfare to workers in dormitory such as WIFI, recreational room and badminton court.
- Use of biometric system for attendance taking.

CMC Construction Pte. Ltd.

BCA GREEN AND GRACIOUS BUILDER AWARD

EXCELLENT



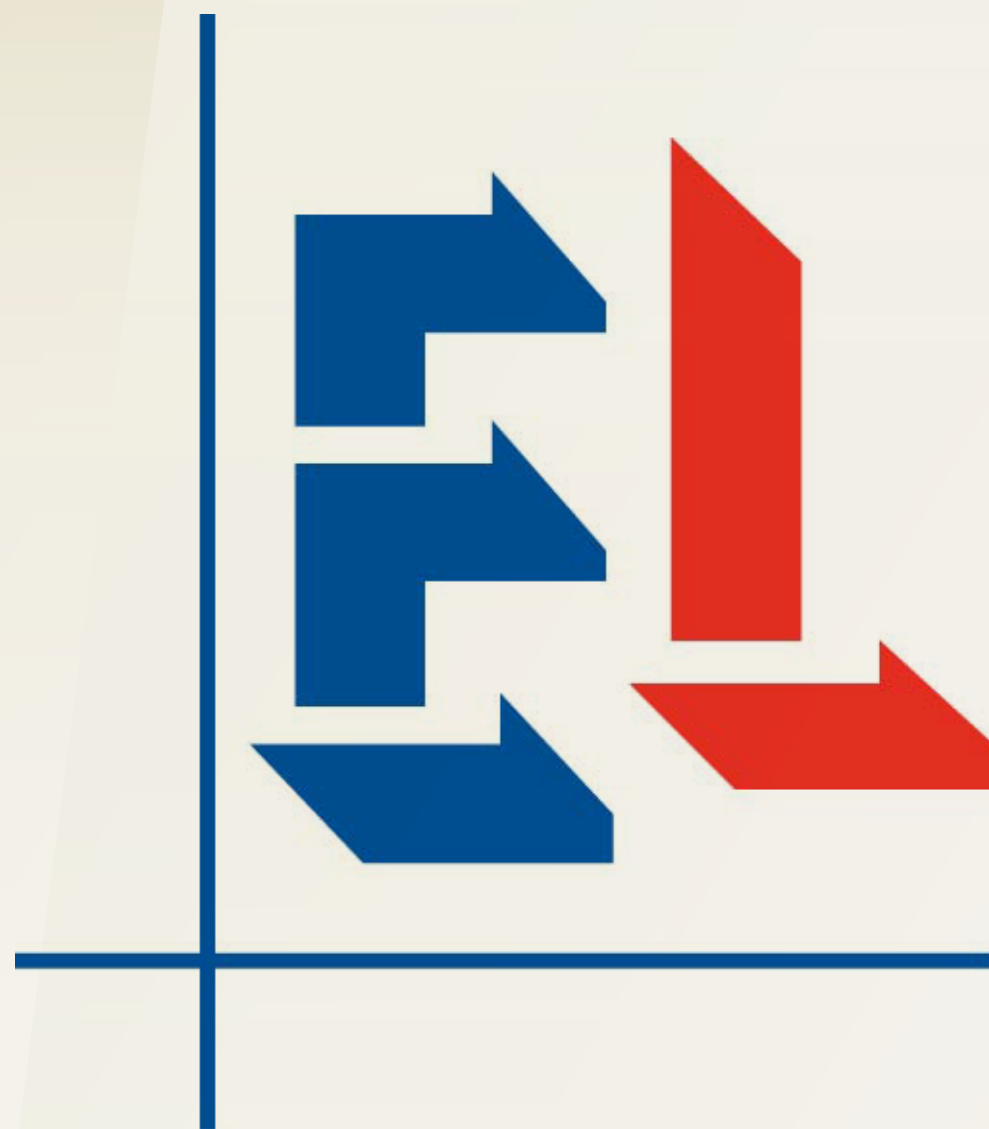
TAT HONG

KEY FEATURES

- Protection of trees within and around site that is beyond regulatory requirement.
- Provision of greenery which includes a variety of fruit bearing plants.
- Extensive consideration of accessibility and public safety.

BCA GREEN AND GRACIOUS BUILDER AWARD

EXCELLENT



KEY FEATURES

- Provision of netting along the surface of the noise barrier to reduce the reflection of light on neighbouring residents.
- Extensive noise and vibration provision.

Obayashi Singapore Private Limited

BCA GREEN AND GRACIOUS BUILDER AWARD

EXCELLENT



OBAYASHI
Singapore

KEY FEATURES

- Online Permit to Work (PTW) system to enhance productivity and reduce paper wastage.
- Extensive gracious acts for the public such as assisting in traffic and pedestrian control, and maintaining public walkways and drains.
- Provision of reflective stickers on walkway shelter structure to improve visibility for pedestrian at night.

Or Kim Peow Contractors (Private) Limited

BCA GREEN AND GRACIOUS BUILDER AWARD

EXCELLENT



OKP HOLDINGS LIMITED

胡金標控股有限公司

KEY FEATURES

- Use of a grass protection platform to prevent yellowing of grass due to temporary works.
- Use of reusable steel boxes instead of piles for temporary works' foundation.
- Use of O-cell for test pile to reduce use of machineries, noise and dust.

BCA GREEN AND GRACIOUS BUILDER AWARD

STAR

Organisation Name	Category
Rich Construction Company Pte. Ltd.	Organisation
Samsung C&T Corporation	Organisation
Wee Hur Construction Pte Ltd	Organisation

BCA GREEN AND GRACIOUS BUILDER AWARD

EXCELLENT

Organisation Name	Category
CES Engineering & Construction Pte. Ltd.	Organisation
China Construction Realty Co. Pte. Ltd.	Organisation
Chip Eng Seng Contractors (1988) Pte Ltd	Organisation
CMC Construction Pte. Ltd.	Organisation
Eng Lam Contractors Co (Pte) Ltd	Organisation
Obayashi Singapore Private Limited	Organisation
Or Kim Peow Contractors (Private) Limited	Organisation