

Ensuring Safe Design & Construction – Building Safety through Building Control Initiatives



INTRODUCTION

Buildings need to be designed properly and built safely. Industry stakeholders are required to comply with the building regulations and adopt good practices when carrying out building works to ensure construction works are properly designed and carried out without compromise to structural safety, or cause damage to surrounding properties.

This session aims to highlight the importance of building safety compliance. BCA will share the upcoming building control initiatives as well as good practices for both the design and construction of building works. A preview of a newly developed design guide on the use of Grade B600 high strength reinforcement in reinforced concrete structures will be shared.

TOPICS & SPEAKERS

1. OPENING ADDRESS

Er. Chew Keat Chuan, Commissioner of Building Control, BCA

2. MEETING SUBMISSION REQUIREMENTS UNDER BUILDING CONTROL ACT & REGULATIONS

Er. Brian Phua, Senior Engineer, Policy & Regulations Department, Building Engineering Group, BCA

3. CONSTRUCTION ISSUES DUE TO INADEQUATE CONSIDERATION OF SITE CONDITIONS DURING DESIGN

Er. Goh Hooi Theng, Principal Engineer, Construction and Structural Investigation Department, Building Engineering Group, BCA

4. RAISING THE STANDARD OF SITE SUPERVISION THROUGH IMPLEMENTATION OF SITE SUPERVISION PLAN AND GOOD PRACTICES

Er. Lim Kheng Guan, Senior Engineer, Strategic Engineering Project Department, Building Engineering Group, BCA

5. FRAMEWORK ON OBSERVATIONAL METHOD FOR THE DESIGN AND CONSTRUCTION OF ERSS WORK, AND GROUND WATER CONTROL FOR DEEP SHAFT

Er. Chow Wei Mun, Senior Engineer, Geotechnical Engineering Department, Building Engineering Group, BCA

6. BCA'S INITIATIVES TO ENSURE SOUND FOUNDATION OF BUILDINGS IN SINGAPORE

Er. Kong Tze Foong, Principal Engineer, Foundation Engineering Department, Building Engineering Group, BCA

7. INTRODUCTION TO THE USE OF MANUFACTURED SAND (MSAND) FOR CONSTRUCTION INDUSTRY

Mr. Raphael Saravana Prakash Babu, Senior Manager, Product and Business Development, Batu Tiga Quarry Sdn

8. BC5: 2019 DESIGN GUIDE ON THE USE OF GRADE B600 REBARS FOR RC STRUCTURES

Dr. Tan Teng Hooi, Associate Professor and the Head of the Building and Project Management Programme, School of Science and Technology, Singapore University of Social Sciences

DETAILS

Date: 8 Nov 2019

Time: 9.00am to 1.30pm
(Registration starts at 8.30am)

Venue: BCA Academy

Fee (incl of GST): S\$90.95
Refreshment will be provided

TARGET AUDIENCE

- Professional Engineers, Accredited Checkers, Design Engineers
- Builders and Specialist Builders (APs and TCs), Project Managers and Site Engineers
- Site Supervisors - Resident Engineers and Resident Technical Officers
- Architects and Developers

CPD POINTS

PEB: Pending

BOA-SIA: Pending

REGISTRATION



Visit BCA Academy
Online StoreFront (OSF)
@ <https://eservices.bcaa.edu.sg/registration/#/login>

(Course code: 77096)



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For enquiries or feedback, please email us at bca_academy@bca.gov.com.sg.

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