

CD Shelter Design Workshop 2018: Planning, Design, Construction and Commissioning of Staircase Storey Shelters

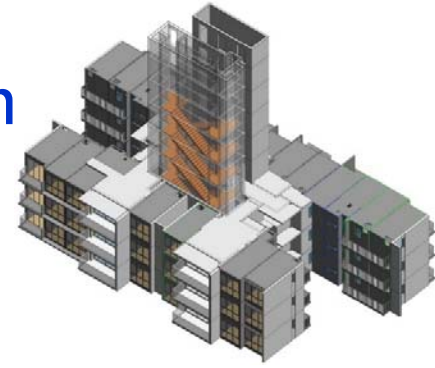


Photo: UOL & Dragages Singapore

INTRODUCTION

The Civil Defence (CD) Shelter Design Workshop 2018 is designed to provide industry practitioners with insights into good staircase storey shelter design practices in compliance with the latest *“Technical Requirements for Storey Shelters 2015”*. Flexibility in shelter design, including waiver approval cases such as voids located within shelter setback distance will also be discussed.

OBJECTIVES

The workshop aims to equip participants with the knowledge to:

- understand the important architectural and structural design considerations for staircase storey shelters;
- plan and design staircase storey shelters in compliance with technical requirements for storey shelters; and
- supervise the construction and commissioning inspection of staircase storey shelters.

PROGRAMME OUTLINE

- **Staircase Storey Shelter Design Requirements**
 - Architectural and structural requirements for shelter protection
 - Shelter carcass, shelter space allocation and continuity of shelter tower to the foundation
 - Design and construction of volumetric precast staircase storey shelters
 - Structural requirements of staircase storey shelters
- **Staircase Storey Shelter Design Case Studies**
 - Good design practice of staircase storey shelters with illustration
- **Storey Shelter Construction and Commissioning**
 - Good construction practices with illustrations to avoid common non-compliances observed during shelter site inspection and shelter commissioning inspection

FACILITATOR

Er. Neo Seng Hai, *Senior Principal Engineer, Civil Defence Shelter Engineering, Special Functions Group, BCA*

Er. Neo performs regulatory control and provides consultancy services in the design, construction and commissioning of CD shelters. He also works closely with SCDF in the evaluation of storey shelter waiver applications, regular review of and revision to technical requirements for storey shelters.

DETAILS

- 5th Run : 13 September 2018
- Time : 9.00am - 5.00pm
- Venue : BCA Academy
- Fee : S\$350.00 (incl. GST)

Refreshment and lunch will be provided

TARGET AUDIENCE

- Developers
- Builders
- Engineers
- Architects
- Site supervisors
- Construction professionals

AWARD

Participant who achieved at least 75% attendance will be awarded Certificate of Attendance (COA)

CPD POINTS

- PEB: TBA
- BOA-SIA: TBA
- IES-ACES: TBA

REGISTRATION

Visit our Online StoreFront (OSF) @
<https://eservices.bcaa.edu.sg/registration/#/login>
 (Course code: 76054)



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