IMPLEMENTATION DATE FOR NEW SS 530:2014 AND NEW REQUIREMENT IN THE
APPROVED DOCUMENT ON AIR FILTRATION STANDARDS AS STIPULATED IN NEW SS
553:2016

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Building and Construction Authority

Construction Excellence Awards 2017 (CEA 2017)

The BCA Construction Excellence Awards (CEA) accord recognition to construction projects that have demonstrated the highest standards of construction excellence in Singapore. The nomination for Construction Excellence Awards 2017 (CEA 2017) is now open until 25 Nov 2016.

Venue
BCA

Date and Time
30 Sep 2016 to 25 Nov 2016
0000 to0000

Contact Details
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Building and Construction Authority

REQUIREMENTS FOR ENVIRONMENTAL SUSTAINABILITY IN BUILDINGS AND THE GREEN MARK SCHEME

This course aims to: provide crucial information and knowledge on the legislative requirements on Environmental Sustainability for Buildings, provide an understanding on the interpretation of the Green Mark Criteria and Scores for new building developments Residential & Non-residential Buildings and provide a better understanding on the submission procedures and walk through of the Green Mark (GM) e-filing system.

Venue
BCA Academy, 200 Braddell Road, Singapore 579700

Date and Time
0900 to1730

Fee (incl of GST): S$280.00

Contact Details
Contact Person: Customer Service Officer
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Phone: 6248 9999
Fax: 6258 0558

Institution of Engineers, Singapore

One Day course on Working Safety at Height

Construction, shipping and manufacturing industries are the most prone to the hazards of working at height, and have attracted the most attention in Singapore's quest for improved workplace safety. Working at height is the biggest single cause of accidents, and falling from height the biggest cause of fatalities. Not only Singapore but the entire world suffers from this common source of accidents and injuries, to the point that there is a lot of information available on this topic. However, there is also considerable misunderstanding of both the causes of the accidents and proper ways to prevent or reduce the risks. The persisting problems with working at height in Singapore demand that professionals serious about controlling the risks of working at height should know more than the basics of the activity, beyond the Dos and Donts. The recent Code of Practice for Safely Working at Height should be thoroughly understood and applied to minimize the accidents in this regard. This course will
Formwork Design and Safety with Code of Practice SS580:2012 19th run

Formwork structures have always been a highly hazardous item in the construction industry. Recent failures of formworks in Singapore have raised considerable alarm in the industry, the government and the public. This one-day course on formwork design and safety to revised standards and EuroCode aims to address this critical concern, not only of the authorities but also of builders, contractors, and developers, by accomplishing the following:

- Provide background to this critical topic in workplace safety
- Review a number of failures of formworks in Singapore and abroad to convey understanding of causes
- Discuss techniques to identify and evaluate the hazards, and manage the risks
- Provide useful information on revised standards in this area
- Describe significant parts of the new Code of Practice for Formwork SS580:2012 to facilitate its use by designers and contractors

The focus will be on basic concepts and procedures currently in use for formwork in the construction industry. In addition, the critical aspects of formwork design with the recently increased factor of safety will be covered. Objectives will include identification of principal contributory factors to formwork failures and their underlying root causes, and discussing how the new Code can eliminate or alleviate the problems.

Venue
IES Academy@Jurong East, Devan Nair Institute For Employment and Employability, 80 Jurong East Street 21, #04-10 Singapore 609607 (Near Jurong East MRT)

Date and Time
0900 to 1730
9am - 5pm
25 October 2016

Contact Details
Contact Person: Christine Lau
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caused major disruptions to main systems equipment and considerable damage to building structures. Understanding of lightning phenomenon and proper setup of lightning protection system are critical for the protection of lives, properties and equipment. The 2-day course aims to provide participants with an understanding of the effects of lightning and various lightning protection methods for building structures. It will also cover various analytical methods for the performance assessment of lightning protection systems.

**Venue**
BCA Academy, 200 Braddell Road, Singapore 579700

**Date and Time**
10 Nov 2016 to 11 Nov 2016
0900 to 1730

**Fee (incl of GST):** S$660.00

**Contact Person:** Customer Service Officer
**Email:** bca_academy@bca.gov.sg
**Phone:** 6248 9999
**Fax:** 6258 0558

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**Building and Construction Authority**

**Venue**
BCA Academy, 200 Braddell Road, Singapore 579700

**Date and Time**
11 Nov 2016 to 14 Nov 2016
0900 to 1730

**Duration:** 2 days (11 & 14 Nov 2016)

**Fee (incl of GST):** S$980.00

**Contact Person:** Customer Service Officer
**Email:** bca_academy@bca.gov.sg
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**ADVANCED CONCRETE DESIGN USING EUROCODE 2**

This course complements the basic course on Eurocode 2 (EC2), Design of Concrete Structures-Eurocode vs British Standard to give a comprehensive coverage of the more advanced topics in EC2. It covers the design of prestressed concrete structures, slender columns, strut and tie of concrete regions that do not conform to flexure, core walls, foundations, retaining walls, progressive collapse, as well as both prescriptive and performance-based design of fire resistance of concrete structures. In addition, this course will equip participants with fundamental understanding of structural behaviours. It also contains worked examples, where appropriate, to enable participants to grasp the full details of the design procedures. As cross reference will be made to the basic course on EC2, participants are encouraged to attend the basic course on EC2 before attending this advanced course. This course is jointly organised by BCA Academy and Protective Technology Research Centre (PTRC) of Nanyang Technological University (NTU).

**Venue**
BCA Academy, 200 Braddell Road, Singapore 579700

**Date and Time**
11 Nov 2016 to 14 Nov 2016
0900 to 1700

**Duration:** 2 days (11 & 14 Nov 2016)

**Fee (incl of GST):** S$980.00

**Contact Person:** Customer Service Officer
**Email:** bca_academy@bca.gov.sg
**Phone:** 6248 9999
**Fax:** 6258 0558

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**Design for Manufacturing and Assembly with Focus on PPVC**

Design for Manufacturing and Assembly (DfMA) is a new approach in the construction industry. By bringing more work offsite, manpower and time needed to construct buildings are reduced, while ensuring work sites are safe, conducive and have minimal impact on the surrounding living environment. This workshop covers the design, manufacturing and planning aspects of DfMA, with focus on Prefabricated Prefinished Volumetric Construction (PPVC). Sharing of case studies on different types of projects which deployed DfMA methodology and the benefits reaped will help participants better appreciate, and be more confident in the adoption and implementation of DfMA.

**Venue**
BCA Academy, 200 Braddell Road, Singapore 579700

**Date and Time**
15 Nov 2016 to 16 Nov 2016
0900 to 1730

**Fee (incl of GST):** S$1,284.00
(without subsidy) S$204.00
(with WTU funding support for eligible local participants*)

**Contact Person:** Customer Service Officer
**Email:** bca_academy@bca.gov.sg
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**WSH Conference 2016 - WSH Excellence Through Leadership in Construction Industry - Driving Towards Vision Zero**

In the Vision Zero movement, one of the key steps in achieving WSH excellence is commitment by leaders. Leaders (senior management) play a crucial role in building up safety and health culture of an organisation. They have greater influence in raising WSH capabilities of their contractors and the workforce. They also have responsibility to send clear signals that they are committed to bring their workers home safe and healthy. This year’s WSH Conference, jointly organised by BCA Academy and IOSH (Singapore), embraces the theme of WSH Excellence through Leadership in Construction Industry - Driving Towards Vision Zero.

**Venue**
BCA Academy, 200 Braddell Road, Singapore 579700

**Date and Time**
17 Nov 2016 to 17 Nov 2016
0830 to 1730

**Contact Person:** Customer Service Officer
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**Design for Safety Appreciation Course**

The Design Phase is the earliest opportunity to incorporate Safety into a construction project. Just as productivity can be enhanced with early planning, so is the greatest impact for safety. Designing for safety starts at the conceptual and planning phases of a project with collective and conscious decisions by stakeholders about the design, methods of construction and later demolition, and also the materials used which enhance the safety of the building or structure. In 2008, WSH Council launched the Guidelines on Design for Safety in Buildings and Structures, followed by the DfS Coordinator Course in 2010. In addition to building DfS capabilities of stakeholders, WSH Council has developed the DfS Recognition Scheme which was launched in 2011. Consisting of the DfS Mark and DfS Award, the Scheme aims to recognise competent and outstanding projects that have addressed risk through design and hence ensure safe & timely completion of the project.

**Venue**
IES Academy@Jurong East, Devan Nair Institute For Employment and Employability, 80 Jurong East Street 21, #04-10 Singapore 609607 (Near Jurong East MRT)

**Date and Time**
18 Nov 2016 to 18 Nov 2016
9am- 6pm
18 November 2016

**Contact Details**
Contact Person: Christine Lau
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Fax: 6563 6030

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**Building and Construction Authority**

**THE SECURITY OF PAYMENT ACT TECHNICALITIES AND PRACTICALITIES**

The Security of Payment Act facilitates payments for construction work done or for related goods/services supplied in the building and construction industry. It aims to improve cash flow in the construction industry by giving parties the right to seek progress payments for work done, and to provide quick and low-cost resolution of payment disputes through adjudication. The course provides an overview of the key essentials in the Security of Payment legislation. It aims to enhance participants understanding on the mechanism, requirements and considerations of the Security of Payment Act and discusses payment issues typically encountered in building and construction projects.

**Venue**
BCA Academy, 200 Braddell Road, Singapore 579700

**Date and Time**
30 Nov 2016 to 30 Nov 2016
0900 to1730
Fee (incl of GST): S$420.00

**Contact Details**
Contact Person: Customer Service Officer
Email: bca_academy@bca.gov.sg
Phone: 6248 9999
Fax: 6258 0558

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**Institution of Engineers, Singapore**

**IES Prepration Course for PPE Part 1 "What" & "How" Approach**

Practice of Professional Engineering Examination has been implemented for a number of years. Engineers find the scope of the subjects is very wide, very often engineers do not know how to approach and prepare for the examination. This course is to give the broad view and the purposeful meaning of the examination; to identify the common mistake and weakness in the candidates who responded to the exam questions. This course is aim to assist Engineer in preparation of both Part 1 of the Examination.

**Venue**
Devan Nair Institute, e2i, 80 Jurong East Street 21, Singapore 609607 (To Confirm)

**Date and Time**
17 Feb 2017 to 17 Feb 2017
2.00pm - 6.00pm
17 February 2016, Friday

**Contact Details**
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