

Ref: ACES Circular No. 80/2010 (27 July 2010)

TO ALL MEMBERS

Dear Members

RE: ACES / SIA Project Safety Health Coordinator course 2010 (25 to 26 Aug 2010)

We are pleased to inform you of the forthcoming joint SIA/ACES joint event in the **ACES /SIA DESIGNING FOR SAFETY & HEALTH IN BUILDINGS seminar & training series, 2010.**

How is this series relevant to Architects and Engineers?

The following was noted in the Opening Address by Mr Hawazi Daipi, Senior Parliamentary Secretary (Manpower & Health) at the Opening Ceremony of the Construction Safety, Health and Security Campaign 2010, 02 July 2010, 9:40 AM, SCAL House

(<http://www.mom.gov.sg/newsroom/Pages/SpeechesDetail.aspx?listid=264>) :

“The Design for Safety programme will receive much attention in our plans ahead. Over the years, we have seen poor design contributing to various work incidents. Designing out the risks at the construction, maintenance as well as demolition stages can help to mitigate or even eliminate the risks from the onset. Since the Design for Safety programme was announced in end 2008, it has been piloted at more than 8 projects. To equip the industry with relevant competencies to effectively implement the Design for Safety, the WSH Council has developed a course for the Project Safety and Health Coordinator. Various persons, like the architects and the engineers, are expected to attend”.

Topic: Safety Design Coordinator Series 2010 - Project Safety & Health Coordinator Course

Date: 25– 26 Aug 2010
Time: 9.00am to 5.00pm
Lunch: 12.00pm to 1.00pm (Not provided)
2 Tea breaks: 10.15am to 10.30am and 3.15pm to 3.30pm
Venue: SIA Theatre – Level 1, 79B Neil Road, Singapore 088904
Closing date: 11 Aug 2010 before 10.00 am

Fees: SIA/**ACES**/SCAL/IES members - **\$850.00 (inclusive of GST)**
Non members - S\$1063.00 (inclusive of GST)

CPD 6 points accredited, **PDU/SDU points – 12 PDUs**

Registration is on First-Come-First Served Basis

20 Seats available only

Full Payment for course fee upon confirmation

Synopsis of the course:

Learners of this course will gain the knowledge and skills for fulfilling the role of the Project Safety & Health Coordinator in accordance with the Guidelines on Design for Safety in Buildings and Structures.

Programme Outline:

Day 1 (25 Aug 2010)

Introduction, overall objectives and context, Importance of Design for safety, Legal Requirements, Basic concepts in WSH Risk Assessment, Duties and Responsibilities, Design Review Process, Safety and Health Risk, Considerations for Design Review, Hazard Identification Tools

Day 2 (26 Aug 2010)

Preparation for Design Review, Conducting the Design Review: ways to encourage participation, Safety and Health Risk Register, Documentation, Monitor and Review of Safety & Health Risk Register, Coordination and Communication of Safety and Health Information, Requirements and expectation of Assessments.

Objectives

Upon completion of this course, learners will have the skills and knowledge to function as a PSH Coordinator with the purpose to:

- Assist the client to address and identify means to eliminate or mitigate the risks inherent in the design of a construction project so as to reduce the safety and health risks during the construction, maintenance/ repair phase, and demolition of the building and structure and;
- Coordinate the flow of construction project safety and health risks information among the stakeholders from the design stage, to construction stage until the handover to the client for occupation and maintenance.

Learning outcomes

The skills and knowledge learn during this course are likely to be applies in the following activities:

- Facilitate design review process that involves the relevant stakeholders to identify and address safety and health risks associated with construction project.
- Maintain records of safety and health issues arising from the design review process and actions taken.
- Coordinate the flow of relevant safety and health information among all stakeholders of a construction project at appropriate time.

Certification

Participants will be issued with a Certificate of Completion upon meeting 75% of the required course attendance and assessed to be competent.

Entry Requirements

Applicants must possess:

- A Recognised University degree or other qualifications recognised by BOA and/or PEB for professional registration as an Architect and/or Engineer.
- Shall have an aggregate of 10 years experience;
- in a consulting firm(s) of Architectural and/or Civil/Structural or Mechanical &/or Electrical Engineering practice, or working as such an Architect or Engineer on Site for a construction firm(s) – while working under the immediate direction of a Qualified Person, and/or
- involving exposure to design considerations in relation to conducting risk assessment and management for the construction, management and/or maintenance of buildings and structures,
- While holding a degree or other qualifications recognised by BOA and/or PEB for professional registration as an Architect and/or Engineer (in the discipline of civil/structural engineering, or mechanical &/or electrical engineering).
- Shall have safety and health experience, being reasonable experience comprising;

- The appointment as site supervision staff (such as RE/RTO) with exposure to workplace safety and health management on Site, and/or
- Working for an Architect/Engineer consultancy firm in which the applicant must have actively participated in supervision and/or administering the building contract on site with exposure to workplace safety and health management, and/or
- Working for a construction firm in which the applicant must have actively participated in workplace safety and health management
- Possess the following skills and knowledge:
 - Building design and construction operations
 - Building and construction processes
 - Legal and statutory requirements associated with building and construction
 - Basic safety and health issues associated with construction operations
 - Written and oral communication, presentation, facilitation and problem solving skills

Trainers' Profile

Mr. Darren Benger

Darren received his Bachelor of Architecture degree with First Class Honours from the University Of Adelaide, Australia in 1995, and registered with the Board of Architects, Singapore in 2001. Since 1996 Darren has resided in Singapore, and he is currently a Director of ATA Architects Pte Ltd.

Darren's involvement in the Singapore Institute of Architects includes election to Council for the 2007/2008, 2008/2009 and 2009/2010 terms, and he has actively participated in various SIA committees, including chairing the SIA WSH Committee from 2010 after being Deputy Chairperson in the inaugural 2009 committee.

Darren has contributed to the BOA/SIA Architectural Practice Course as a speaker/tutor since 2008, and in the building contracts module of the Architectural Practice course for the National University of Singapore - School of Architecture since 2009.

Darren attained accreditation from WSH Council as a Trainer for the PSH Coordinator Course after participating in the inaugural 'train-the-trainers' course in 2009.

Er. GOH POH KEE

Poh Kee is a Professional Civil & Structural Engineer with over 35 years of experience in Civil and Structural; Bridge and Airport Engineering; Facilities Management; Project Management and Construction Management in Singapore.

He has successfully completed many projects. These included the construction of Terminal Building and Aircraft Pavements at Seletar, Paya Lebar, Military and Changi Airports; the Construction of Bridge and CTE Tunnels; Senior Project Manager for the Refurbishment of Terminal 1 and Expansion of Terminal 2 at Changi Airport; Provide Facilities Management Services for over 900 complexes in the Public Sector and Airports; Design and Construction of more than 70 Primary and Secondary Schools; Re-development of Jurong Camp; Design and Construction of Institutional Buildings both at the NUS and NTU; Design and Construction of Duke-NUS Graduate Medical School at College Road; Design and Construction of several Bungalows at Sentosa Cove and Treasure Island and few commercial cum factory buildings at Jurong Island.

Currently, Poh Kee is involved in the design and construction of Shuqun Secondary School and Two Indoor Sport Hall for MOE; the Design and Construction of the Changi Mall; The Design and Construction of a 14-Storey Graduate Hall at NTU and the Design of 14-Storey Yong Loo Lin School of Medicine at NUS.

Poh Kee attained accreditation from WSH Council as a Trainer for the PSH Coordinator Course after participating in the inaugural 'train-the-trainers' course in 2009.

COURSE ASSESSMENTS

All course participants are required to complete an assessment session at the end of the course. The table below indicates the different types of assessment required

Assessment	Assessment Methods	Assessment Duration	Remarks
Assessment 1	30 MCQ	30 min	To score at least 80%
Assessment 2	Part 1: Written Assessment Part 2: Interview	Submit within 12 weeks upon completion of classroom training Interview will be arranged by the individual participant accordingly to the trainer's availability	This is an individual project to be completed outside the course schedule Report to be submitted in full

ACES / SIA reserves the right to discontinue any class, to alter course curriculum, to amend the scale of fees and to amend any other information without prior notice.

Note: SIA cash voucher will not be accepted for this course.

Regards

Er. Thomas Cheang
Chairman, Professional Development and Seminars Committee

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