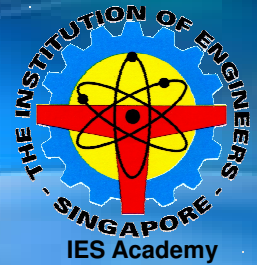


# Design for Safety Coordinator (DfSC) for Engineers (4<sup>th</sup> Run) (Two Day DfSC Certifiable Course)



## Supported by:



## Introduction

This Competency Requirement document specifies the performance criteria, underpinning knowledge, range and context for the design, training and assessment of the Design for Safety Coordinator (DfSC) Course. Learners of this course will gain the knowledge and skills for fulfilling the roles of the construction in accordance with the Guideline on Design for Safety and Health in Buildings and Structures.

## Objectives

Upon completion of this unit, learners will have the skills and knowledge to function as a DfSC and able to:

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

## Course Outline

The skill and knowledge learnt during this course are likely to be applied in the following activities:

1. Facilitate Design Review Process that involves the relevant stakeholders to identify and address safety and health risks associated with construction project.
2. Maintain records of safety and health issues arising from the Design Review Process and actions taken.
3. 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 Attendance upon meeting 75% of the required course attendance. Only candidates assessed competence in Assessment 1 will be invited to submit the project report for Assessment 2. Certificate of Competency will be issued only if participants are assessed to be competent in Assessment 2.

## Details

**Date:** 18 & 19 May 2012

**Time:** 9am – 5pm

**Venue:** IES

**CPD:** 13SDU, 12STU, 12PDU & 3CPD (To be confirm)

**Fee (include GST):**

(IES/SIA/ACES/SCAL): \$856

WDA Funding: \$661

(Non-Members): \$1070

WDA Funding: \$875

*\*Certificate of Attendance will be issued to participants with at least 75% attendance.*

## Target Audience

- Professional Engineers
- Designers
- Architects
- Project Managers
- Surveyors
- Other Professionals

**IES Address:**

70 Bukit Tinggi Road Singapore 289758

Contact Person: Vincent Chiew

Tel: 64611240 Fax: 64639468

E-mail: [vincent@iesnet.org.sg](mailto:vincent@iesnet.org.sg)

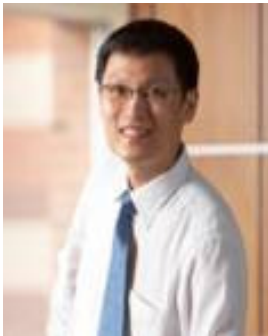
## Entry Requirements

Learners are required to possess the following working experience and qualification:

- A Recognize University degree or other qualifications recognized by PEB and/ or BOA for professional registration as an Engineer and/ or Architect
- Have a total of 10 years of both design and construction experience in any combination and have relevant construction related qualifications acceptable by recognised construction-related institutions
- Have safety and health experience
- Possess the following skills and knowledge:
  - ✓ Building design 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

***\*Due to the stringent requirements in enrollment, participants are encouraged to submit their application & relevant documents early for assessment.***

## CV of Trainers



### **1. Dr. Goh Yang Miang** Senior Consultant

Dr Goh is versatile with a range of occupational health and safety (OHS), risk management, safety culture intervention, incident analysis/ investigation and system dynamics/ systems thinking methods and tools. He was the Assistant Director (Investigations) at the Ministry of Manpower and has practical experience in the investigation of more than 80 fatal/ serious accidents, inspection of different workplaces (e.g. construction worksites, manufacturing factories and shipyards), and OHS management system auditing/ development.

Dr Goh taught risk management, incident investigation and safety technology at post-graduate and undergraduate levels when he was Senior Lecturer at Curtin University, Australia. He was a Senior Research Fellow of the WHO Collaborating Centre in Environmental Health Impact Assessment, and a member of the Curtin-Monash Accident Research Centre when he was in Curtin University.

Dr Goh is the Guest Editor for the special issue of Accident Analysis and Prevention and a manuscript reviewer for the American Society of Civil Engineers – Journal of Construction Engineering and Management. Dr Goh is currently an Adjunct Associate Professor with Curtin University.



**2. Mr. Tan Kai Hong**  
Senior Manager (WSH)

Mr. Tan formerly is a Corporate Health and Safety Manager of a local multinational contracting company, had more than 30 years of working experience in workplace safety and health in general; process engineering; and construction industries.

In his previous company, he supervised some 10 WSH Manager/Officers cum ECOs and 25 safety coordinator/safety supervisors to reduce the risk and accident rates of his company. He was involved in a number of recent mega building & civil projects such as DTSS Changi, RWS, MBS and LTA projects; involving exposure to design consideration in relations to conducting risk assessment and management for the construction, management and/or maintenance of building and structures.

Kai Hong is currently serving in the WSH sub-committee, Workplace Safety and Health Council (WSHC) and IES Health & Safety Engineering Technical Committee (HSETC). He is also a member of the task force on Design for Safety. He has been involved in presenting papers in a number of safety seminars and conferences in Singapore & overseas. Kai Hong was awarded as one of the three winners of the inaugural “Workplace Safety and Health Officer” Award in 2007, organised by the Workplace Safety and Health Advisory Committee (WSHAC) and the Ministry of Manpower (MOM), Singapore. Kai Hong, a Council & Fellow Member of the Institution, attended accreditation form WSH Council as a trainer for the PSH Coordinator Course after participating in the inaugural “train-the-trainer” course in August 2009.



**3. Mr. Oh Boon Chye, Jason**  
B.Eng (Civil) (Hons), MSc (Safety, Health and  
Environmental Technology)  
Senior MIES, Grad IOSH

Jason Oh is the Project Manager of Chiu Teng Construction Co. Pte Ltd. He has more than 23 years of experience in Occupational Safety and Health (OSH) and Project Management. Prior joining his present company, he was the Executive Director of Linair Bio-energy Pte Ltd and the General Manager of Metal Technology LLC, United Arab Emirates (UAE). He obtained his Bachelor of Engineering (Honours) in Civil Engineering from the University of Glasgow, United Kingdom and further his study at the National University of Singapore (NUS) for his Master of Science (Safety, Health and Environmental Technology).

In his earlier year, he was serving the Singapore Armed Forces (SAF) as the Guards Officer, and later went on to venture into the construction, bio-energy and the manufacturing sector as Engineer, Environmental Health & Safety Manager, Project Manager and Project Director. He was the registered WSH Auditor (Open Category) with the MOM from 2003 to 2010. He gains vast experience in the construction, process industry, metal working, manufacturing and other industry sectors.

Jason is the Assistant Honorary Secretary; Chairman, Building Fund Working Committee; Chairman, Health & Safety Engineering Technical Committee of The Institution of Engineers, Singapore (IES);. He is also the Director of International Affairs of The Institution of Occupational Safety & Health (IOSH), Singapore Branch. He is actively promoting the “Design for Safety Co-ordinator, DfSC” training course with the Ministry of Manpower (MOM) and the Workplace Safety & Health Council (WSHC). His vision is to promote WSH practices through holistic approach, i.e. sharing of WSH knowledge and experience together.

# Registration Form - Design for Safety Coordinator (DfSC) for Engineers (Two Day DfSC Certifiable Course) 4<sup>th</sup> Run

**Date: 18&19 May 2012**

**Time: 9am – 5pm**

**Venue: IES**

**Fees (Include GST):**

(IES/SIA/ACES/SCAL): **\$856**

Nett Course Fees Payable after WDA Funding: **\$661**

(Non-Members): **\$1070**

Nett Course Fees Payable after WDA Funding: **\$875**

Please register by completing the form and attached necessary document and email (scanned copies) to [vincent@iesnet.org.sg](mailto:vincent@iesnet.org.sg) / fax **by 11 May 2012 before 3pm** to:

Contact Person: **Vincent Chiew**

Address: **70, Bukit Tinggi Road, Singapore 289758**

Tel: **64639211**

Fax: **64639468**

Name of Participant	NRIC/Passport No.	Designation	HP No.	Email

Company Name:

Mailing Address:

Academic Qualifications (List all university names, type of degree and Country):

Est. years of experience in design / construction work:

Please indicate :

IES member

Professional Engineer

Affiliated member

Non-member

IES M'ship No.:

P.E. No.:

Membership No.:

Tick here if sponsored by company

## Contact Person Particulars

Name:	<input type="text"/>	Email:	<input type="text"/>
Designation:	<input type="text"/>	Fax:	<input type="text"/>
Contact No.:	<input type="text"/>		

## Payment

Bank / Cheque No.:  Amount (\$):

\* All Fees are inclusive of 7 % GST. Cheque should be made payable to: "IES" or "Institution of Engineers, Singapore"

## Acceptance of Terms and Conditions for Registrations of IES Academy's Events

I agree to abide by the Terms and Conditions for Registration of IES Academy's Events.

Name: \_\_\_\_\_

Signature: \_\_\_\_\_