

Design for Safety for Professionals (DfSP) 26th run (Two Day DfSP Certifiable Course)

SUPPORTED BY:

WSHC, SkillsFuture SG(SSG) & SkillsFuture Credit (SFC)



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 Professionals (DfSP) 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 DfSP 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.

Course Assessments

Assessment	Assessment Method	Assessment Duration	Remarks
Assessment 1	Multiple Choice Questions (MCQ)	30 Minutes	-
Assessment 2	Written Report (WR)	Submit within 12 weeks upon completion of classroom training and pass assessment 1.	This is an individual project to be completed outside the course schedule. Report must be submitted in full.

Certification

Certificate of Attendance will be given to the participants who have achieved 100% attendance of the entire course. Only candidate 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.

Who is it for?

- Professional Engineers, Designers, Architects, Project Managers, Surveyors and other professionals.

Class Size: Maximum 20 pax

Details

Date : 17 & 18 Jan 2019

Time : 9am – 5pm

Venue : **IES Academy@Jurong East**
Devan Nair Institute for
Employment and Employability,
80 Jurong East Street 21, #04-10
Singapore 609607

CPD : 13 SDU(Confirmed),
4 STU(Safety), 3 CPD
& 12 PDU (To be confirmed)

Fees (inclusive of GST):

IES/ SIA/ ACES/ SCAL /CIJC : \$ 856

Non-members : \$1070

*SSG Fund and eligibility criteria

1. *Payment type: - Nett Fee*
2. *Training organization name: - The Institution of Engineers, Singapore*
3. *Course Fee and Absentee Payroll Funding and eligibility please click [here](#).*
4. *Trainee must be Singapore Citizen(s) or Permanent Resident(s) of Singapore, and must be employed by companies in accordance to the Employment Act except for sole proprietors, partners, working directors, members of co-operatives or commission-based agents; and*
5. *Trainee must have achieved at least 75% attendance.*
6. *Trainee must have sat for and passed the examinations or assessments where applicable.*
7. *You may click [here](#) for Terms and Conditions for funding.*
8. *For participants under self-sponsor please approach course coordinator for more information on Skillsfuture SG (SSG) Fund and skillsFuture Credit (SFC) Fund.*

Contact person:

Christine Lau, Tel: 6461 1248

Email: Christine.lau@iesnet.org.sg

Entry Requirements

- a) Be registered Professional Engineer with the Professional Engineers Board (PEB), or registered Architect with the Board of Architects (BOA) Singapore, with practicing certificate;
OR
- b) Have 10 years relevant experience in the design (at least 5 years in design which includes contributions to designs, writing specifications) and the supervision of the construction of structures, and degree accepted by PEB or BOA, or construction-related degree accepted by the Singapore Institute of Surveyors and Valuers (SISV) or Society of Project Managers (SPM) and have safety and health experience.

****Due to the stringent requirements in enrollment, participants are encouraged to submit their
1) Application, 2) relevant certificates and or 10 years related resume for assessment.***

Trainer: Er. Ng Lee Chian



Ng Lee Chian is a Professional Civil Engineer and has successfully managed projects from diversified domain and led design and construction teams to timely completion of such projects within budget. These include the Changi Water Reclamation Plant and Sungei Sembawang Abstraction Ponds; and infrastructure rail and expressway projects like the Kallang/Paya Lebar Expressway Contract and CTE/Braddell Road Interchange in Singapore. She has also designed many structures such as the MFA building and supervised the construction of ICA Building.

She is also a certified Design-for-Safety Professional and has facilitated numerous challenging projects such as hospital, medical centres, multi-storey integrated complex and infrastructures for the last few years.

Lee Chian is a DfSP Trainer registered with WSHC and a member of IES Health & Safety Engineering Technical Committee (HSETC). She is actively promoting 'Design for Safety' and has presented in the Design for Safety Seminar and BCAA-IOSH WSH Conference.

Trainer: Er. Steve Yeung



Er. Steve Yeung has over 25 years of experience in the infrastructure, onshore and offshore oil-&-gas, mining and power generation industries. He commenced his career in Australia in 1990 and relocated to Singapore in 1999. He has worked as design engineer, project manager and engineering manager, and has vast experience in risk management.

He is a registered Professional Engineer (Civil) and a chartered member of the Institution of Structural Engineers, UK.

He has been involved in Safety in Design since 2008 and is currently a practicing Design for Safety (DfS) Professional and the chairman of the DfS Workgroup under the Health & Safety Engineering Technical Committee of the Institution of Engineers, Singapore.

Trainer: Er. Wijaya Wong



Er. Wijaya has more than 20 years of working experience in design and project delivery of infrastructure, industrial, commercial, residential as well as institutional projects in Singapore, Indonesia, Malaysia, Hong Kong and China. He spent most of his career with Arup, and he set up his own practice in February 2016.

He is a registered Professional Engineer (PE - Civil) in Singapore. He is a Member of the Singapore Institute of Arbitrators (MSI Arb), Member of the Indonesian Society of Civil and Structural Engineers (Anggota HAKI) and Chartered Member of the Institution of Structural Engineers (MIStructE).

He has been involved in Safety in Design since 2006, and is currently a practising Design for Safety (DfS) Professional with few ongoing projects. He is one of the members of the DfS Workgroup under the Health & Safety Engineering Technical Committee of the Institution of Engineers, Singapore.

Trainer: Mr. Oh Boon Chye, Jason



Jason has more than 20 years of Project Engineering Construction, Design and Management experience. He is the Principal Consultant of JOH Safety Consultancy Pte Ltd (www.johsafetyconsultancy.com). He was the Chief Operating Officer/ Senior Project Director of BCEG International (Singapore) Pte Ltd/ BCEG International (Malaysia) Sdn Bhd/ Abu Dhabi precast; Executive Director of Linair Bio-energy Pte Ltd; General Manager & Executive Director of Metal Technology LLC, United Arab Emirates; Few reputed Developer and A1 Contractor in Singapore. He obtained his B.Eng (Civil) (Hons) from the University of Glasgow, United Kingdom and furthers his study at the National University of Singapore for his Master of Science (Safety, Health and Environmental Technology).

**The trainers' profile, as mentioned above, is for information only. Actual trainers for this run shall be confirmed upon course confirmation, subject to trainer's availability.*

TERMS & CONDITIONS COURSE REGISTRATION

Registration

Any registration, whether on-line or fax will be on a ***first-come-first-served basis*** and will only be confirmed upon receipt of full payment by Engineers Singapore Pte Ltd unless otherwise invoice to company.

All registrations must be submitted with duly completed registration form.

Closing Date & Payment

The closing date of the event will be 14 days prior to event commencement date. Cheques should be crossed 'A/C payee only' and made payable to 'IES', with the ***Title of The Event indicated clearly written on the back of the cheques***, and submitted with the duly completed registration forms to:

Att: Christine Lau
IES Academy@Jurong East
Devan Nair Institute for Employment and Employability,
80 Jurong East Street 21, #04-10
Singapore 609607

Confirmation of Registration

Confirmation of registration will be given 14 days prior to the commencement date via email. If you do not receive the said confirmation email, you are required to contact IESA general admin immediately at 6463 9211 (office).

IESA reserves the right to allow only confirmed registrants to attend the Event.

Withdrawals/Refunds of Fees

Written notice at least 2 weeks in advance before the commencement of the event

Full course fee shall be refunded subjected to 4.5% transaction charge.

➤ **NO** refund otherwise.

No show of participant would not be accepted as a valid reason for withdrawal/refund.

One-time replacement is allowed only if written notice is received by us at least 2 weeks before the commencement of the event. However, when an IES member is replaced by a non-member, the participant has to pay the difference in the relevant fees.

Cancellation/Postponement

Changes in Venue, Dates, Time and Speakers for the Events can occur due to unforeseen circumstances. IES reserves the full rights to cancel or postpone the Event under such circumstances without prior reasons. Every effort, however, will be made to inform the participants or contact person of any cancellation or postponement.

Fees will be refunded in FULL if any Event is cancelled by IESA.

SSG Funding (SkillsfutureSG)

Only company-sponsored participants will be eligible for SSG funding and subjected to terms and conditions. The Trainee has attained a minimum of seventy-five percent (75%) attendance for the Funded Course and sat for all prescribed examinations and/or assessment for the Funded Course. Application must be via the SkillsConnect. **Must** attempt and pass Assessment 1 and Assessment 2.

You may click [here](#) for Terms and Conditions for funding.

SSG funding required applicant to pass all the assessments or the applicants will have to pay back the funded amount to the training provider if the assessment result as "Not Yet Competent".

PERSONAL DATA PROTECTION ACT

I consent to the processing by Institution of Engineers, Singapore of personal data, including sensitive personal data as defined in the Data Protection Act 2014, about me for the proper purposes of Institution of Engineers, Singapore (IES). I undertake to observe the provisions of the Data Protection Act 2014 in relation to any personal data I may myself hold and process as a Members of Institution of Engineers, Singapore, and I agree to indemnify Institution of Engineers, Singapore from liability for any claims or damages that may arise from the processing of this data. For more information kindly refer

to: <https://www.ies.org.sg/Tenant/C0000005/PDF%20file/PDPA/PDPA.pdf>.

Enquiries

For further enquiries, please contact IESA general office at Tel: 6463 9211.