

# Perform Design for Safety Professional Duties 5<sup>th</sup> run

(Previously known as Design for Safety for Professionals (DfSP) 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 Perform Design for Safety Professionals Duties 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 (MCQs and a written project question)	2 hours	-
Assessment 2	Written Report (WR)	Submit within 4 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 75% 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 Completion will be issued only if participants are assessed to be competent in Assessment 2.

## Training Resources Provided:

Course note, Learners Guide, WSH Guideline, Code of Practice in WSH Risk Management, video will be show in the class.

## Who is it for?

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

**Class Size:** Maximum 20 pax

## Details

**Date** : 22 & 23 June 2023

**Time** : 9am – 5.30pm

**Duration:** 14 hours (include 2 hours assessment)

**Delivery Mode:** Classroom Training

**Venue** : IES Academy@Jurong East

Devan Nair Institute for  
Employment and Employability, 80  
Jurong East Street 21, #04-10  
Singapore 609607

**CPD** : 14 SDU, 4 STU(Safety), 12 PDU  
& 12 CEng (PDU), 2 CPD  
(To be confirmed)

**Full Fee** (Incl. GST): \$1080

\***Nett fee** (Incl. GST): \$370 or \$570

\*Subjected to SSG grant assessment

**Course code:** TGS-2022011848

### ***\*SSG Fund and eligibility criteria***

1. *Payment type: - Nett Fee*
2. *Training organization name: - IES ACADEMY PTE LTD*
3. *Course Fee and Absentee Payroll Funding and eligibility please click [here](#).*
4. *Trainee must have achieved at least 75% attendance.*
5. *The trainee must have sat for and passes all the assessments or the trainee will have to pay back the funded amount to the training provider if the assessment result is "Not Yet Competent".*
6. *For participants under self-sponsor please approach the course coordinator for more information on Skillsfuture SG (SSG) Fund and SkillsFuture Credit (SFC) Fund.*
7. *Training provider will submit the grant application via SSG Training Provider Gateway.*
8. *You may click [here](#) for Terms and Conditions for funding.*

### **Contact person:**

Christine Lau, Tel: 6461 1248

Email: [Christine.lau@iesnet.org.sg](mailto:Christine.lau@iesnet.org.sg)

### **Enquiries / Feedback:**

Please contact IESA at

Tel: 6463 9211

Email: [iesa@iesnet.org.sg](mailto:iesa@iesnet.org.sg)

## **Entry Requirements**

a) Be a registered Professional Engineer with the Professional Engineers Board (PEB), or registered Architect with the Board of Architects (BOA) Singapore, with a 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 them  
1) Application, 2) relevant certificates and or 10 years related resume for assessment.***

***Trainer: Mr. Oh Boon Chye, Jason***



Jason has more than 25 years of Project Engineering Construction, Design and Management experience. He is the Principal Consultant of JOH Safety Consultancy Pte Ltd ([www.johsafetyconsultancy.com](http://www.johsafetyconsultancy.com)). He started from ground as Project Engineer, Safety Officer/ Manager, WSH Auditor, Civil& Structural Engineer, Contractor Project Manager/ Director, Developer Project Manager and Design for Safety Professional. The projects ranged from infra-structures, heavy industry, chemical/ process plant, school, hotel, resort, mixed development, A&A works, private and public housing.

Jason is currently the Council member of IES (The Institution of Engineers, Singapore) (2021-2023); Past Chairman for the Health& Safety Engineering Technical Committee (2011-2015). He has attended the Train-The-Trainer “Project Safety& Health Coordinator Course” (Aug 2009) (equivalent to DfS Professional). He was appointed as the Convenor in the ACOP (Approved codes of practice) review, i.e. SS 559:2010 Safe use of Tower cranes (replaced by SS 559:2022 Code of practice for Tower cranes); CP 36: 1996 (2005), Code of practice for the lifting of persons in work platforms suspended from cranes) (replaced by SS 617:2016); etc.

***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.

## Registration Form

### Perform Design for Safety Professional Duties 5<sup>th</sup> run

Date : 22 & 23 June 2023

Time : 9am – 5.30pm

Venue : IES Academy@Jurong East

Devan Nair Institute for Employment and Employability, 80 Jurong East Street 21, #04-10 Singapore 609607

Fees (Include GST): \$1080

\*\*For participants under self-sponsor please approach course coordinator for more information on Skillsfuture SG (SSG) Grant and SkillsFuture Credit (SFC) grant.

Please register by completing the form and attached necessary document and email (scanned copies) to [christine.lau@iesnet.org.sg](mailto:christine.lau@iesnet.org.sg) / fax **by 5 June 2023 before 12noon** to:

Contact Person: **Christine Lau**

Address: **IES Academy@Jurong East**

Devan Nair Institute for Employment and Employability, 80 Jurong East Street 21, #04-10 Singapore 609607

Tel: 6461 1248 Fax: 6563 6030

#### Personal Particulars

Name (as in NRIC):	Mr./Ms./Er.			
ID Number:	ID Type:	<input type="checkbox"/> Singapore Pink Identification Card <input type="checkbox"/> Singapore Blue Identification Card <input type="checkbox"/> FIN/Work Permit/SAF 11B <input type="checkbox"/> Foreign Passport <input type="checkbox"/> Others		
Date of Birth (DD/MM/YYYY):	Gender:	Male / Female	Race:	Chinese/ Malay/ Indian/ Eurasian/ Others, pls specify _____
HP No.:	Email:			
Company Name:	Designation:			
Mailing Address:				

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

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Est. years of experience in design / construction work:

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Please indicate:  Professional Engineer: \_\_\_\_\_

Board of Architects: \_\_\_\_\_

#### Contact Person Particulars

Name:

Email:

Designation:

Company UEN:

Contact No.:

**Payment**  Tick here if sponsored by company

Tick here if Self-Sponsor

#### Note:

- \*Required field for SSG Funding and SSG Training Quality and Outcomes Measurement Survey
- \*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".
- All Fees are inclusive of 7 % GST. Cheque should be made payable to: "IES Academy Pte Ltd"

#### 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 Event

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

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

## **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 Academy Pte Ltd**", 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)**

Singapore citizens or permanent residents (PR) are eligible for SSG funding and subject to terms and conditions. The trainee has attained a minimum of seventy-five percent (75%) attendance for the Funded Course. The trainee must have sat for and passes all the assessments or the trainee will have to pay back the funded amount to the training provider if the assessment result is "Not Yet Competent".

The training provider will submit the grant application via SSG Training Provider Gateway (TPG).

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

### **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.