

Understanding & Implementing Design for Safety (DfS) 4th run (Virtual Classroom)



Introduction

Design risk can be managed effectively by identifying the hazard and controlling the risk through Design for Safety (DfS) reviews during project development. Designing for safety should start at the early stage of a project whereby key stakeholders will review the design progressively to identify hazards on the building layout, materials used and construction methods etc. so as to enhance the safety of the project for construction as well as operation and maintenance.



IES Academy Virtual

Objectives

This course will highlight the benefits of DfS to encourage its adoption for all construction or retrofitting projects. It will also equip participants with the basic knowledge of DfS so that they can implement DfS while the design is in development.

Pre-requisites

Prior to attending this course, you should:

- Have a PC / laptop / tablet / smart phone with built-in or external webcam.
- Installed the zoom client.
- Have Wi-Fi / high speed internet connection available.
- Receive an email with a link for you to submit a registration for webinar 1 week prior to the commencement.
- Receive an email with a link and password for you to join the webinar session after your registration is successful.

Course Outline

- Understanding Design for Safety (DfS)
- Implementing DfS review process during project development
- Implementing DfS at design phase
 - o Risk/Hazard identification techniques
 - o Risk evaluation based on severity & likelihood
 - o Risk mitigation based on hierarchy of control
- Good practices & examples of DfS application
- Guidelines for documentation of DfS process
- Factors for successful implementation of DfS

Details

Date : 7 July 2023

Time : 1pm – 5.15pm

Duration: 4 hours

Delivery Mode: Zoom Webinar

CPD : 4 SDU(confirmed), 2 STU(Safety),
4 PDU, 4 CEng (PDU) and 2 CPD
(To be confirmed)

Fee (include GST):

IES Member: \$103.65

Non-member: \$120.90

E-certificate of Attendance will be awarded to participants who have completed the course survey and assessment.

Target Audience

- Engineers
- Architects
- Project Manager
- RE/RTO
- Professionals in the construction industry

IES Academy@Jurong East

80 Jurong East Street 21, #04-10

Devan Nair Institute for Employment and
Employability
Singapore 609607

Contact Person: Christine Lau

DID: 6461 1248 | Main Line: 6463 9211

E-mail: christine.lau@iesnet.org.sg

Trainers' Profile



Er. Ng Lee Chian

Ng Lee Chian is a Professional Engineer in the field of Civil Engineering. She has designed, supervised and managed many buildings such as MFA building & ICA Building; and infrastructures such as Changi Water Reclamation Plant, Sungei Sembawang Abstraction Pond & CTE/Braddell Road Interchange in Singapore. Her involvement in a wide range of projects has given her extensive knowledge on different areas of engineering skills.

She is currently a practicing DfS Professional for numerous diverse and challenging projects such as medical centres, multi-storey integrated complex, educational institutions, addition & alteration to existing high-rise buildings, and infrastructures such as roadworks & tunnels.

Lee Chian is a member of IES Health & Safety Engineering Technical Committee (HSETC). She is actively promoting 'Design for Safety' through regular DfS trainings and has also presented in the Design for Safety Seminar and BCAA-IOSH WSH Conference.

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Please register online/fax the completed form by **30 June 2023 before 3pm** to:

Contact Person: **Christine Lau**

IES Academy@Jurong East

80 Jurong East Street 21, #04-10

Devan Nair Institute for Employment and Employability

Singapore 609607

Tel: 6463 9211 Fax: 6563 6030

Participant Details

*Name : _____ *NRIC : _____
(Please written in BLOCK Letter)

Company : _____ *Designation _____

*Address 1 : _____
(For mailing of invoice and receipt)

*Postal Code : _____ Sex : _____ Male / Female

*Contact No. : _____ Fax : _____

*Your Email : _____
(For sending of confirmation email, preferable personal unless company sponsored)

Please indicate: IES members IES M'ship No.: _____ P.E. No.: _____ (if applicable)

Non-members Affiliated member: _____

Sponsored by company (Please indicate the Contact person detail)

Contact Person Details (if different from participant)

#Name : _____ #Designation : _____

#Contact No. : _____ Fax : _____

#Email : _____

Payment Details

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

~ 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 Events.

Name : _____ Signature : _____

***Mandatory entry**

#Compulsory Entry for participant who choose to be INVOICE to your company

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 **IES Academy Pte Ltd** unless otherwise invoice to company.

All registrations must be submitted with duly completed registration form.

Closing Date

The closing date of the event will be 1 week prior to event commencement date or earlier.

Confirmation of Registration

Confirmation of registration will be given at least 1 week before the commencement date via email. ***If you do not receive the said confirmation email, you are required to contact IESA at 6463 9211 during office hours.***

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

Withdrawals/Refunds of Fees

Written notice at least 1 week 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 1 week 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.

UTAP (Union Training Assistance Programme) is an individual skill upgrading account especially for NTUC members. As a member, you enjoy UTAP funding at 50% of the unfunded course fee capped at \$250 every year.

Please visit [HERE](#) for more information on UTAP claim.

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 [here](#).

Enquiries

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