

Managing Fire Safety at Construction Site 2nd Run (Virtual Classroom)

**** UTAP - Approved ****

**** SkillsFuture Supported ****

(Course Code: TGS-2021005929)



IES Academy Virtual



INTRODUCTION

This course introduces the foundational knowledge of fire safety management in construction sites, covering the principles of fire prevention, inventory management of flammable liquid under the Singapore Standard, SS532, statutory requirement for storage of petroleum and flammable materials, and control of fire safety related works at worksite. The course will provide understanding in the workflows relating to obtaining the Temporary Fire Permit or Fire Safety Certificate (TFP/FSC) for the construction project. In addition, the course will provide approaches to establish effective evacuation procedures and setup of company emergency response team (CERT) in construction site to manage a fire emergency.

OBJECTIVES

Upon completion, you would be able to:

- Understand the Principles of Fire Prevention
- Implement Safe Inventory Management of Petroleum & Flammable Materials
- Make Reference to Requirements under the Local Codes of Practice
- Understand the TFP/FSC Inspection Process
- Implement Effective Emergency Evacuation
- Plan and Setup Effective Company Emergency Response Team (CERT)

COURSE OUTLINE

- Fire Science and Principles of Fire Prevention
- Legislative Requirements for Petroleum & Flammable Materials Storage
- Control of Fire Safety Related Works & Documentation
- Registered Inspector & TFP/FSC Inspection Procedures
- Evacuation Planning and Setup of Evacuation Warden Teams (EWTs)
- Intervention Planning and Setup of Company Emergency Response Team (CERT)
- Emergency Planning and Setup of Incident Management Team (IMT)

Details

Date : 01 October 2021, Friday

Time : 9.00am to 6.15pm

Duration: 8 Hours

**CPD: 4 STU (Safety) – To Be Confirmed
8 SDU - Confirmed
8 PDU – To Be Confirmed**

Course Fee

IES Member: \$214.00 nett

Non-member: \$240.10 nett

Target Audience

- Project Managers
- C&S Engineers & Supervisors
- M&E Engineers & Supervisors
- Resident Architect
- Resident Engineers
- Resident Technical Officers
- Site WSHO/WSH Coordinator/ECOs

IES Academy@Jurong East

80 Jurong East Street 21, #04-10

Devan Nair Institute for Employment and Employability

Singapore 609607

Contact Person:

DID: 6461 1239 | Main Line: 6463 9211

E-mail: karen@iesnet.org.sg

Facilitators' Profiles

Dr. Ivan SIN



As a certified emergency operations commander, crisis-emergency planner, fire safety specialist, and fire-explosion Investigator, Ivan has more than 23 years of industrial and commercial experience in the Environment, Health, Safety and Security (EHSS) arena. Ivan is an Associate Professor with the National University of Singapore (NUS); overseeing technical and competency development in building technology and facility engineering including EHSS, fire safety and risk management, emergency planning, crisis and incident management, business continuity and disaster recovery management. He is a certified business continuity practitioner, lead auditor, hazardous materials trainer, and fire-explosion investigator. He is actively involved in various capacities with professional organizations such as the Fire Safety Managers' Association of Singapore (FSMAS), Society of Loss Prevention for Process Industries (SLP), Institution of Fire Engineers (IFE-UK), Institution of Chemical Engineers (ICChemE-UK), Association of Company Emergency Response Teams Singapore (A-CERTS), and Technical Committee/Workgroups of ESG Singapore Standards.



Er. Vijay RAJARAM

As a Registered Professional Engineer with the Singapore Professional Engineer's Board (PEB) and a Registered Fire Safety Engineer (FSE) with the Singapore Civil Defence Force, Vijay is an established and experienced practicing engineer with 20 years of track records in Mechanical and Electrical consultancy, Prescriptive Fire Safety Systems and Performance-Based Fire Safety Engineering. Vijay also has other credentials under his under belt such as Chartered Engineer (CEng), Asean Chartered Professional Engineer (ACPE) and Certified Green Mark Manager (GMM). As a certified Project Management Professional (PMP), he has undertaken various high profile projects including design, supervision, implementation, testing and commissioning of various fire safety systems. Vijay has participated in national committees such as (a) Review Committee of Singapore Fire Safety Engineering (SFEG) Guidelines, SCDF, (b) The Institution of Fire Engineers (IFE), (c) The Society of Fire Protection Engineers (SFPE) and (d) Technical Committee (M&E Department) of The Institute of Engineers of Singapore (IES) to promote fire safety/fire science.

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.

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Time: 9.00am to 6.15pm

Delivery Mode: Zoom Webinar

Course Fee(include GST): IES Member: \$214.00Nett Non-member: \$240.10Nett

Please register online/email the completed form by **22 September 2021 before 3 pm** to:

Contact Person: Karen Phua

IES Academy@Jurong East

80 Jurong East Street 21, #04-10

Devan Nair Institute for Employment and Employability Singapore 609607

Tel: 6463 9211 Email address: karen@iesnet.org.sg

Participant Details

*Name : _____ *NRIC: _____
(Please write 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 payable "**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 Singapore 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.

SkillsFuture Credit (SFC)

All Singaporeans aged 25 and above can use their \$500 SkillsFuture Credit from the government to pay for a wide range of approved skills-related courses. Visit the SkillsFuture Credit website (www.skillsfuture.sg/credit) to choose from the courses available on the SkillsFuture Credit course directory.”

Please visit [HERE](#) for more information on SFC & 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.