

INSTITUTION OF FIRE ENGINEERS, SINGAPORE (IFES) SEMINAR 2024

Enhancing Fire Safety: Performance-Based Strategies and Fire Code Compliance in Buildings

Seminar Information

This seminar aims to clarify current fire codes and regulations while providing attendees with the necessary knowledge and tools to formulate robust fire safety strategies. These strategies not only ensure compliance but also strengthen buildings' resilience against fire hazards, emphasizing proactive measures and alignment with regulatory standards.

Target Audience

Fire Safety Engineers, Professional Engineers, Registered Architects, Fire Investigators, SCDF, Fire Safety Managers, Safety Officers, Officers from Relevant Government Agencies, Suppliers of Fire Products, Building Owners, Developers, Building Contractors, Facility Management, Lawyers and Maintenance Personnel, etc.

Seminar Program

Time	Topic
12.00 – 1.30pm	Registration of participants
1.30 – 1.40pm	Welcome address by IFES President, Mr. Ramanathan
1.40 – 1.50pm	Keynote address by Guest of Honour, DC Ling Young Ern Deputy Commissioner (Future Technology and Public Safety), SCDF
1.50 – 2.20pm	Topic 1 – What FSM needs to know about SS546 Emergency Voice Communications Systems in Buildings Speaker – Mr David Goh, Convener of Working Group for SS546: 2022
2.20 - 3.00pm	Topic 2 – Fire Code Amendments Topic 3 – Common Consultation

Time	Topic
	Queries Speaker – LTC Lim Wee Siang, SCDF
3.00 – 3.20pm	Break
3.20 – 3.50pm	Topic 4 – Unlocking the Role of Fire-Smoke Dampers: Enhancing Fire Safety and Smoke Control in Buildings Speaker – Er Yee Poh Kin, IFES Vice President
3.50 – 4.20pm	Topic 5 – Common Audit Findings (Non-Residential) Speaker – CPT Joyce Ng, SCDF
4.20 – 5.10pm	Topic 6 – SS532:2024 Code of Practice for the storage of flammable liquids Speaker – Er Ho Victor, IFES Council Member and Er Shyam Dayanandan, C2D Solutions Pte Ltd
5.10 – 6.00pm	Questions & Answers
6.00pm	End

Date and Time

11 June 2024, 12.00pm to 6.00pm

Venue

HDB Hub Convention Centre, **Auditorium**
480 Lorong 6 Toa Payoh S310480

*Seminar Fee (no GST)

- \$150 per pax for IFES members
- \$170 per pax for members of Strategic Partners - A-CERTS, ACES, FSMAS, SIA & IES
- \$195 per pax for Public

Continuing Professional Development

- Qualified CPD points by SCDF to FSM – 8
- Qualified CPD points by BOA- SIA – TBA
- Qualified PDU points by PEB – TBA
- Qualified CPE hrs by SCDF to FSE - TBA

Speaker's Profile



Mr David Goh is the Managing Director of Vanguard Fire Systems Pte Ltd. He has 40 years of experience and technical knowledge in Fire Alarm Systems and Emergency Voice Communication Systems. Leading a technical and marketing team which were responsible for fire alarm and EVC control panel manufacturing, systems design / equipment supplies and meeting statutory technical requirements etc.

He is the Convener of Working Group for SS546:2022 and SS645:2019

He also serves as Council Member of the Institution of Fire Engineers, Singapore and the Vice President of Fire Safety Managers' Association Singapore (FSMAS).

His presentation will focus on the knowledge information which a Fire Safety Manager would need to know on SS546 2022.



LTC Lim Wee Siang is currently a Principal Consultant in the Consultation and Fire Safety Engineering Branch, Fire Safety Department. His core duties include providing consultation services on fire safety design matters to Qualified Persons, building owners and developers. He has also held various positions previously, including Senior Staff Officer for Exercise Planning at Training Dept and Commander Clementi Fire Station.

His presentation will cover the amendments to the Code of Practice for Fire Precautions in Buildings (Fire Code). The amendments consist of numerous new provisions/ clarifications/ relaxations to the

existing clauses of the Fire Code.

Also, he will be sharing the common consultation queries that SCDF received during consultation. Common queries include submission to SCDF for approval, interpretation of Fire Code clauses, extent of QP's responsibilities in A&A works, and etc



Er Yee Poh Kin, Principal of New Universal Solution, boasts over three decades of extensive experience in fire engineering consultancy. Currently serving as a member of the SCDF Fire Code Review Committee and Fire Safety Committee. Additionally, Er Yee holds key roles such as convener for Enterprise Singapore's working group reviewing SS 489- Specification for Fire Shutters and member of working groups for SS333- Specification for Fire Damper and SS578- Code of Practice for Use and Maintenance of Portable Fire Extinguishers.

He serves as the Vice President of the Institution of Fire Engineers (IFE) Singapore and is a Committee Member in the Institution of Engineers Singapore (IES) and the Fire Safety Managers' Association Singapore (FSMAS).

His presentation covers the types and installation guidelines of various fire-smoke dampers, emphasizing the imperative of regular testing and maintenance. He will also focus on the implementation of the Product List Scheme by SCDF and highlight the importance of meticulous adherence to guidelines for optimal efficacy.



CPT Joyce Ng obtained her M.Arch from NUS in 2015. She has been a consultant with the Industrial and Institution Design Branch since

2021. Her role involves processing waivers, auditing plans, and conducting site inspections.

Plans of fire safety works that are certified by Qualified Persons and submitted to SCDF for approval may be subject to audit checks. CPT Joyce will be sharing on the common non-compliances found for commercial and industrial projects during SCDF's audits as well as key items that Qualified Persons should look out for to improve the quality of submissions.



Er Ho Victor is a council member of IFES. He is also a Director of HiLT Pte Ltd, a fire engineering consultancy practice. He has been actively involved in the fire safety consultancy for the past 29 years. He is a member author of the inaugural Singapore Fire Engineering Guidelines 2015 and Singapore Standard SS 634 – Fire Safety Code of Practice for open plant structures in oil, chemical, and process industries. He recently completed his term in the review of SS 532 – Code of Practice for Flammable Storage and is currently working on the Code of Practice Fire Precaution for Road Tunnels and the revision of CP 52 - Code of Practice for automatic fire sprinkler system. On the international front, he sits on the technical committee of Underwriters Laboratories (UL) - Standard for Electrical Systems for eBikes TC2849 (Voting member) and Technical Committee for Energy Storage Systems and Equipment, TC 9540 (non-voting).

This sharing session aims to introduce some of the salient clauses in the revised SS 532 Code for the storage of flammable liquids which was recently launched on 18 March 2024. It also gives a recap of the overall scope of the code and some of the challenges facing the industry concerning Polyfluoroalkyl Substances (PFAS) in the firefighting industry.



Er Shyam Dayanandan is a Professional Engineer, Fire Safety Engineer & Partner @ C2D Solutions Pte Ltd, a Fire Safety & Mechanical Consultancy for the Built Environment. He has been actively involved in the fire safety engineering & mechanical consultancy for the past 21 years. He is a member & co-author of Singapore Fire Engineering Guidelines 2015, Singapore Standard SS 532 – Code of Practice for flammable storage and the soon to be launched Code of Practice for Fire Precautions in Road Tunnels

Moderator's Profile



Ar Chan Kok Way is the Founder and Director of SD Architects & Associates Pte Ltd. Practicing for more than 40 years as Architect and more than 28 years as Registered Inspectors. He is a Council member of IFE Singapore 2022-2024 and a member of FSE Inquiry and Appeal Advisory Board with SCDF. He is currently the President of Board of Architects.

REGISTRATION INFORMATION

Closing Date

Registration closes on **15th May 2024**

HOW TO REGISTER

Online Registration (*Immediate Seats confirmation!*)

Scan QR Code or click on the link to **register and pay** below



Click on Registration Link below :

<https://allevents.in/singapore/ifes-fire-code-2024-seminar/80001305175324?ref=smdl>

Registration Notes:

1. We accept registration via ALLEVENTS platform and Credit Card payment via **Paypal**. **Scan the QR code or link above to register and to make payment or filling up the registration form.**
2. Email confirmation will be issued by ALLEVENTS and Receipt issued by PayPal will be official **upon full payment** via Paypal. IFES does not issue Receipts or Invoice.
3. Please ensure you have completed the **correct details on the registration page** on ALLEVENTS before checking out for payment via PAYPAL.

***Attendees Notes:**

1. Attendees are expected to sign in upon arrival and sign out when the seminar ends.

Disclaimer & Refund Policy

1. IFES reserves the right to postpone or cancel the course due to unforeseen circumstances.
2. No refund of seminar fees for cancellation. Replacements are allowed **before** the closing of the registration date line stated in this Brochure. No replacements **after** the closing of the registration date.
3. IFES may disclose personal information about individuals, for any of the purposes and in accordance with the PDPA, to any of our agents and service providers.

CONTACT INFORMATION

Any enquiries are to be sent to our official email below:

Ms Karine Lim
9669 3176 (HP) (Mon to Fri 9am to 5pm)
Email: admin2@ife.org.sg

Ms Connie Ng
8128 0771 (HP) (Mon to Fri 9am to 5pm)
Email: admin@ife.org.sg