

FIRE DIVISION

ANNUAL GENERAL MEETING of the HKIE FIRE DIVISION CHAIRMAN'S REPORT (Session 2025-2026)

It is my honour to serve as Chairman of the Fire Division for Session 2025/2026. I would like to express my sincere appreciation to all Past Chairmen and Committee Members for their dedicated service and invaluable contributions, which have been essential to the Division's continued success.

During the session, the Fire Division advanced fire engineering through stakeholder collaboration, professional knowledge enhancement, and youth development initiatives. Building on the achievements of past years, the Fire Division organised a range of programmes, including technical seminars, CPD courses, multiple local technical visits and two Mainland visits, to provide members with up-to-date knowledge and practical insights in fire safety. These initiatives also strengthened professional networks and facilitated experience sharing on emerging issues and developments in the fire industry. With the Registered Fire Engineer (RFE) Scheme implemented, the Fire Division continued to promote the adoption of Fire Engineering Design, supported members in understanding relevant requirements, and engaged stakeholders to facilitate effective implementation. The Fire Division also worked closely with local universities to facilitate sponsorship and subsidy support for young engineers and existing members to pursue the academic qualifications required to join the Discipline as Professional Fire Engineers.

In response to the mandatory Continuing Professional Development (CPD) requirement for Corporate Members of HKIE, the Fire Division has placed strong emphasis on delivering high-quality CPD activities. Please refer to Appendix A for a summary of the Fire Division's activities for Session 2025/2026, including technical talks, visits, and seminars. Highlights of selected major activities are summarised below:

AGM of Session 2024/2025

The AGM for Session 2024/2025 was held on 29 April 2025, at which I assumed the chairmanship from Ir Prof. CHAN Siu Lai.



Composition of the Committee for Session 2025/2026

Committee Members	
Ir Angus WONG Chun Yip	Chairman Learned Society Board (LSB) Representative
Ir Prof. CHAN SL	Immediate Past Chairman Ex-officio Member (Council Member (Division))
Ir Prof. Eric LEE WM	Deputy Chairman Public Service Committee (PSC) Representative Committee Member
Ir Davy LAU YK	Hon. Secretary Committee Member
Ir Gerald KWOK	Hon. Treasurer Committee Member
Ir Terrance TSANG WH	Committee Member
Ir Gary IU PY	Committee Member
Ir Gerald LEE TK	Committee Member
Ir YUNG WM	Committee Member
Ir Kennis WAN SY	Committee Member
Ir Gary AU GH	Committee Member
Ir VONG KV	Committee Member
Ir Dr. CAI YC	Committee Member
Ir Kelvin TSANG PF	Committee Member
Ir Kenith HO KK	Committee Member
Ir Dr. LAI SK	Committee Member
Ir Dennis POON NH	Committee Member, Young Member
Ir Sunny WONG HC	Committee Member, Young Member
Ir Alvin CHUNG PK	Committee Member, Young Member
Ir Jeffrey LEUNG KH	Ex-officio Member (Discipline Representative)
Ms. Jessy NG CS	Ex-officio Member (Young Members Committee Representative)
Ir CHEUNG PK	Ex-officio Member (Safety Specialist Committee Representative)
Mr. Johnny SHING WL	Ex-officio Member (Associate Members Committee Representative)
Ir Dr. Jan TO CW	Co-opted Member
Ir Dr. WONG SY	Co-opted Member
Ir Eric LEE WT	Co-opted Member

Fire Division Committee Meetings

To deliberate on Division matters, a total of ten Division Committee Meetings were held from July 2025 to April 2026.

Continuing Professional Development (CPD) Courses

Under the leadership of Ir Kennis Wan, we successfully organised a series of CPD courses covering six core domains of fire safety engineering: (1) fire science; (2) active fire protection measures; (3) passive fire protection measures; (4) human psychology and physiology; (5) laws, regulations, and standards; and (6) fire risk management.

This year's CPD training programme, comprising six lectures, was successfully delivered from 20 January to 25 March 2026, with a total attendance exceeding 590 participants. The lectures were delivered by 15 distinguished industry professionals. We were particularly honoured to receive strong support from the Fire Services Department and the Buildings Department, who shared insights on fire safety for special gases in the microelectronics industry and provided interpretation and case sharing on the Code of Practice for Fire Safety in Buildings, respectively.



Offering Professional Advice to the Government Departments

The Fire Division actively participated in consultations and stakeholder engagements, with a view to sharing professional perspectives and practical recommendations on fire safety and building-related matters.

The Fire Division reviewed the Design Manual: Barrier Free Access 2026 and shared our comments with the Buildings Department.

The Fire Division provided views to the Development Bureau on the proposed dedicated legislation to accelerate the development of the Northern Metropolis, with particular emphasis on fire safety considerations to support planning and development decisions.

As a representative of HKIE, the Fire Division attended the Material Testing Mechanism Review meeting with industry stakeholders on 14 April 2026. Our representatives contributed professional perspectives to support the continuous improvement of construction quality and safety assurance. The meeting was chaired by the Development Bureau and organised by the Construction Industry Council.

Supporting Organisations

To strengthen mutual support and contribute to societal development, the Fire Division actively supported activities organised by government departments and other professional bodies.

MiMEP Infinity Awards 2026 – The Awards are jointly organised by the Architectural Services Department (ArchSD) and the Electrical and Mechanical Services Department (EMSD) to recognise

outstanding achievements in Multi-trade integrated Mechanical, Electrical & Plumbing (MiMEP) projects in Hong Kong.

Technical Talk on “Major Changes to the Code of Practice (CoP) for the Electricity (Wiring) Regulations 2025 Edition and Its Practical Implementation” – The talk was jointly delivered by a Senior Engineer and an Engineer from the Electricity Legislation Division of EMSD, the Past Chairman of the HKIE Building Services Division, and the Past President of BSOMES. The presentation highlighted the major changes in the latest CoP compared with the 2020 edition and discussed practical approaches to implementation.

Professional Expert Support to the Community

The Fire Division continued to provide professional advice to the community. In light of various fire incidents that raised public concern and prompted media enquiries on fire safety, our members participated in outreach activities to help ensure that accurate, science-based fire safety messages were communicated clearly and responsibly. A key focus was supporting media interviews, during which our experts shared practical fire safety guidance and explained technical concepts in an accessible manner. Through these efforts, we helped the public better understand fire risks and effective prevention measures.



Registered Fire Engineer Scheme

The Fire Division continued to share professional views and promote the Registered Fire Engineer (RFE) Scheme. Through constructive feedback and engagement, we supported the development of clear and consistent standards for fire engineering practice, with the objectives of enhancing public safety, professional accountability, and engineering quality. These efforts help strengthen confidence in fire engineering services and promote continuous improvement across the industry.

In addition, during the legislative process for the Registered Fire Engineer (RFE) Scheme, the Fire Division, jointly with the Fire Discipline Advisory Panel, provided professional input and reiterated our support for the Scheme. Following the Legislative Council’s approval of the Fire Services (Registered Fire Engineers) Regulation, the RFE Scheme was implemented on 1 November 2025, marking an important milestone for the fire engineering profession in Hong Kong. The Fire Division continued to collaborate with the Government and relevant stakeholders to support the effective implementation and nominated suitable members to serve on various statutory committees.

Fully Supports the 8th Legislative Council Election

As a learned society with social responsibility and commitment, the Fire Division encouraged eligible members to fulfil their civic responsibility and exercise their right to vote in the 8th Legislative Council General Election.

The Fire Division nominated members to attend the “Patriots Collaborate for Good Governance” 2025 Legislative Council Election Forum held on 18 November 2025. Through publicity across various occasions and channels, the Fire Division encouraged all eligible members to vote in the Legislative Council General Election on 7 December 2025, demonstrating our commitment to the community and participation in societal development through the electoral process.

Continuing Professional Development Seminar of Property Management Services Authority (PMSA)

To further promote fire safety awareness and integrate fire prevention into daily operations and professional management culture within the property management sector, the Fire Division participated in the PMSA CPD seminar on 21 January 2026 as keynote speakers. The Fire Division also officiated at the seminar titled “Fire Safety Compliance, Prevention, and Response: Professional Role and Responsibilities of the Property Management Industry”.



18th HKIE Fire Division Annual Dinner

The Annual Dinner was successfully held on 9 March 2026 at the Hong Kong Ocean Park Marriott Hotel. A keynote address was delivered by the Principal Guest of Honour, Mr Tang Ping-keung, GBS, PDSM, JP, Secretary for Security.

Distinguished guests and practitioners joined the Dinner to celebrate the contributions of fire engineers. Participants enjoyed a memorable evening and strengthened professional connections.



Strengthen Technical Exchange, Experience Sharing and Deepen Knowledge of Fire Safety among Members

During the session, the Fire Division organised and participated in a range of technical visits and events for members, including the following:

1. **Technical visit to HK SanJiang Tech Co. Limited** on 11th October 2025. During the tour, the integrated fire protection solutions, including fire alarm systems, gas extinguishing systems, and fire emergency indicating and evacuation systems were introduced to members.



2. **4th International Symposium on Lithium Battery Fire Safety 2025**

The Fire Division actively supported this event by nominating a representative to the local organising committee. The technical programme addressed fundamental battery fire dynamics, hazards, regulations, and environmental impacts, as well as advanced technologies for battery fire safety. The four-day symposium (30 October to 2 November 2025) and associated workshops showcased cutting-edge developments through invited lectures by leading researchers, parallel sessions of peer-reviewed paper presentations, and poster sessions highlighting recent advancements.



3. **Technical visit to Relocation of Sha Tin Sewage Treatment Works (STSTW)** on 22nd November 2025. The visit provided members an opportunity to explore the innovative solution involved in the STSTW as well as the associated safety measures implemented. Members can also learn how the project can help to promote suitable development and unlock the land resources of Hong Kong.



4. **Technical Talk “Recently advancement in battery safety modelling and design of thermal management systems”** on 3rd December 2025. The technical talk introduced members a systematic framework that integrates computational fluid dynamics (CFD) with a user-defined pyrolysis sub-model to simulate compartment fire scenarios accurately.



5. **Visit to Fire and Ambulance Services Academy (FASA)** on 27th February 2026. During the tour, representatives from Fire Services Department guided our members through the academy’s training facilities and showed them an operational demonstration.



6. **Technical Talk “Fire Engineers’ Ethics and Route to MHKIE (Fire)”** on 15th April 2026. The Division was pleased to invite aspiring engineers, students, and practitioners to the seminar “Building Your Career in Fire Engineering: Route to Membership of HKIE – Fire Discipline”. The seminar provided clear guidance on pathways to HKIE membership, highlighting the Fire Division’s role in safeguarding life and property through fire engineering excellence.



Annual Technical Delegation 2026 to the Vibrant Cities of Greater Bay Area

The annual technical delegation to the vibrant cities of the Greater Bay Area will be held from 27 to 30 May 2026 to explore recent developments and applications in fire safety across the Chinese Mainland. This visit will provide participants with exposure to the region’s rapid development in fire safety, smart city technologies, advanced manufacturing, and innovative construction solutions. Direct engagement with industry experts and leading facilities will broaden professional perspectives, encourage the adoption of advanced practices, and support organisational development through enhanced technical knowledge and cross-boundary collaboration.

The visit will also provide valuable networking opportunities with fire safety professionals in the Mainland.

17th HKIE Fire Division Annual Symposium 2026

The Annual Symposium 2026 of the Fire Division was successfully held on 21 April 2026 at the Hong Kong Convention and Exhibition Centre. This year’s theme, “Intelligent Resilience: Shaping the Future of Fire Safety with AI and Frontier Technologies”, highlighted innovative solutions to strengthen our response to fire risks and promote a safer built environment.

A keynote address was delivered by the Principal Guest of Honour, Mr Victor TAI Sheung Shing, JP, Under Secretary for Housing, Housing Bureau. Through engaging presentations, experience sharing, and discussions, speakers from Hong Kong, Chinese Mainland, and overseas shared insights on how AI and frontier technologies are transforming fire safety practice, improving resilience, and shaping the future of our built environment.



Promotion to Youngsters

The Fire Division nominated two Committee Members, Ir Sunny WONG and Ir Angus S P WONG, to follow up on the action items proposed by the Task Force under the PSC on promoting engineering education to secondary school students in Hong Kong.

HKIE Boards, Committees and Taskforces

The Fire Division also takes an active role in the Institution, with Committee Members serving on the following Boards and Committees.

- (i) Learned Society Board – Ir Angus WONG Chun Yip
- (ii) Public Services Committee – Ir Prof Eric LEE Wai Ming
- (iii) Continuing Professional Development Committee – Ir Gerald KWOK
- (iv) Qualification & Membership Board – Ir Jeffrey LEUNG Kwun Hong
- (v) Taskforce Group of Hydrogen – Ir. Prof. Eric LEE

Future Additional Focus

The Fire Division will continue to focus on the following priorities:

- (i) Enhance collaboration with the trade, government departments, and other fire safety professionals;
- (ii) Advance fire safety engineering knowledge through strengthened research efforts;
- (iii) Encourage greater participation of young people in fire safety engineering;
- (iv) Strengthen liaison with fire safety professionals in the Mainland and overseas;
- (v) Promote public awareness of fire safety by educating the community on prevention measures and emergency response; and
- (vi) Work closely with regulatory bodies to address evolving challenges in fire safety regulation and advocate for policies that enhance safety standards without unduly constraining innovation.

Last but not least, I would like to thank all Committee Members for their strong support and contributions throughout the session. I wish the Fire Division continued success and even greater achievements in the sessions ahead.

Ir Angus WONG CY

Chairman

The HKIE Fire Division, Session 2025/2026

ACTIVITIES OF FIRE DIVISION 2025/2026

Date	Type of Activity	Name of Activity	Organizer(s)
9.10.2025	Online seminar	Webinar of “Introduction of Registered Fire Engineer Scheme”	HKIE Fire Division, Fire Services Department, The Institution of Fire Engineers (Hong Kong Branch)
11.10.2025	Visit	Technical Visit – HK SanJiang Tech Co. Limited	HKIE Fire Division, The Institution of Fire Engineers (Hong Kong Branch)
30.10.2025 – 2.11.2025	Symposium	4 th International Symposium on Lithium Battery Fire Safety 2025	HKIE Fire Division, The Hong Kong Polytechnic University (Local Organizing Committee)
22.11.2025	Visit	Technical Visit to Relocation of Sha Tin Sewage Treatment Works	HKIE Fire Division, The Institution of Fire Engineers (Hong Kong Branch)
3.12.2025	Seminar	Technical Talk – Recently advancement in battery safety modelling and design of thermal management systems	HKIE Fire Division
15.12.2025	Seminar	Seminar on Fire Safety for Lithium-ion Batteries in Data Centre	HKIE Fire Division, The Institution of Fire Engineers (Hong Kong Branch), China Hong Kong Fire Protection Association
20.1.2026	CPD Course	Pyrolysis and Toxicity Analysis Using CFD in Building Fires;	HKIE Fire Division
20.1.2026	CPD Course	Upcoming Impacts on Fire Resistance and Reaction to Fire Testing on Fire-rated Products	HKIE Fire Division
22.1.2026	CPD Course	Basics of Building Evacuation Models	HKIE Fire Division
22.1.2026	CPD Course	Key Design Challenges for the Performance of Staircase Pressurization System	HKIE Fire Division
2.2.2026	CPD Course	From IBC to HK Fire Codes: A Comparative Study of Fire Safety Design in Macau and Hong Kong	HKIE Fire Division
2.2.2026	CPD Course	Design Challenges and Field Test of In-rack Sprinklers	HKIE Fire Division
26.2.2026	CPD Course	Introduction to Fire Risk Management and its Applications	HKIE Fire Division
26.2.2026	CPD Course	Comparison on the Latest International Standards on AFA Systems – UL, EN and CCCF Standards	HKIE Fire Division
27.2.2026	Visit	Technical Visit to Fire and Ambulance Services Academy	HKIE Fire Division, Fire Services Department
18.3.2026	CPD Course	AI-assisted Performance based Fire Engineering Design	HKIE Fire Division

18.3.2026	CPD Course	Fire Safety of Special Gases in the Microelectronics Industry	HKIE Fire Division
25.3.2026	CPD Course	Fire Risk Assessment in General and its Local Context	HKIE Fire Division
25.3.2026	CPD Course	Code of Practice for Fire Safety in Buildings 2011: Interpretation and Case Sharing	HKIE Fire Division
15.4.2026	Seminar	Technical Talk – Fire Engineers Ethics and Route to MHKIE (Fire)	HKIE Fire Division
9.3.2026	Annual Dinner	HKIE Fire Division Annual Dinner 2026	HKIE Fire Division
21.4.2026	Annual Symposium	Annual Symposium themed “Intelligent Resilience: Shaping the Future of Fire Safety with AI and Frontier Technologies”	HKIE Fire Division
27 – 30.5.2026	Mainland / Overseas Visit	2026 Annual Technical Delegation to the vibrant cities of Greater Bay Area	HKIE Fire Division, The Institution of Fire Engineers (Hong Kong Branch)