

(Revised)



Joint Professional Training Course 2022

Course Objectives:

The course is designed to broaden knowledge of engineers in relation to Building Services Systems and is useful for young engineers and practitioners who want to refresh / acquire knowledge in the design, installation and maintenance of these systems. All Guest Speakers, who are experienced / professional engineers/ officers from Government, University, Consultants, Manufacturers, Contractors and Properties / Facilities Management etc., will present you with the latest market development, practical knowledge and experience sharing.

Date, Time & Venue:

Date: 30 November 2022– 8 March 2023
(Wednesday)
Time: 7:00 pm - 9:00 pm for Session 1 - 9
7:00 pm – 9:30 pm for Session 10 & 11
Venue: By Webinar



Language:

Cantonese with English Terminology

Registration Fee, Certificate, Enquiry & Enrollment:

	<u>Members</u>	<u>Non-members</u>
Each session:	HK\$320/session	HK\$400/session

Certificate: CPD Certificate will be issued to the participant for each session.
(Please NOTE, no CPD certificate will be awarded to the participant who did not complete attending the full session.)

Enquiry: Registration / enrollment will be on first-come-first-served basis (priority will be given to the members of the organizers). All registrations are administered via HKFEMC, please contact HKFEMC Secretariat at Tel: 2519 3998 / Fax: 2519 0298 or E-mail: admin@hkfemc.org .

Joint Professional Training Course 2022

(Webinar)

7:00 pm – 9:00 pm

(*Session 10 & 11 : 7:00 pm – 9:30 pm)

<u>Session & Date</u>	<u>Topic</u>	<u>Speaker</u>
<p>1 (LECA)</p> <p>30 Nov 2022 (Wed)</p>	<p>1) Application and Advantage of JumpLift Solution for Construction Site</p> <p><u>Contents</u></p> <p>i) <u>What is JumpLift:</u></p> <ul style="list-style-type: none"> · JumpLift uses the permanent hoistway of a building for construction time use as soon as the first layers of floors are emerging. · Temporary machine room is installed that will move up with the lift shaft. It follows the rise of the building by say 5 floors at a time. · After the first setup and testing, the CTU (Construction Time Use) lift starts moving passengers as well as small equipment to the relevant floors, all the way to the top. <p>ii) <u>Advantages of JumpLift:</u></p> <ul style="list-style-type: none"> · No operational surprises · Environmental friendly · Improved safety · Less interfacing with other traders · Earlier availability of permanent lift · Less waiting time · Smoother CTU traffic · Less construction material space required · Better organized construction site <p>2) What make, Elevator & Escalator driving Positive Resonance, modernizing Healthier City...</p> <p><u>Contents</u></p> <p>What make, modernizing healthier City through driving positive resonance of Elevator and Escalator Industry. Be positively to share & explore together and inspire collaboratively to transform the healthier journey of our city...</p> <ul style="list-style-type: none"> • What make people healthier, driving healthier City • What is resonance and its driver from negative to positive, transformed from positive psychology • What make the resonance of current Cities and its mirror back to elevator & escalator industry through positive resonance, & transformation & modernization to healthier industry • Inspire together, from positive transformation of elevator and escalator industry, toward modernizing healthier city collaboratively, to happen.... 	<p>Mr Gary Yeung and Ms Churman Cheung Senior Testing Manager and Senior Testing Engineer KONE Elevator (HK) Ltd.</p> <p>Mr Jordan NIP Senior Manager Mitsubishi Elevator Hong Kong Co. Ltd.</p>
<p>2 (ACRA)</p> <p>7 Dec 2022 (Wed)</p>	<p>Energy Management for HVAC Systems – From the Fundamental Control, Rule-based Optimisation to Artificial Intelligence</p> <p><u>Contents</u></p> <p>(TBC)</p>	<p>Dr Pan LEE Technical Manager ATAL Building Services Engineering Ltd</p>

3 (ACRA)	14 Dec 2022 (Wed)	Local Statutory Requirements, Update and Procedure to meet Occupation Permit for Ventilation System <u>Contents</u> (TBC)	Ir M T LAW Director & Deputy General Manager China State Mechanical & Electrical Engineering Ltd Ir Eric YUNG Director Lik Kai Engineering Co Ltd
4 (ACRA)	4 Jan 2023 (Wed)	Ventilation System for Infection Control <u>Contents</u> (TBC)	Dr FUNG Ka Shuen
5 (FSICA)	11 Jan 2023 (Wed)	Strategy Planning for Fire Safety Systems of Special Hazard Industrial Development <u>Contents</u> <ul style="list-style-type: none"> • Codes Consideration • Passive fire and Active fire protection system planning • Special FSI in the market and their applications • Describe the necessary consideration during design and planning • General procedures on General Building Plans submissions and approval 	Ir Ben YUEN Technical Director WSP Mr Ian LAU Senior Associate WSP
6 (FSICA)	18 Jan 2023 (wed)	1. Types of Fire Sprinkler Systems and Their Applications in Hong Kong <u>Contents</u> <ul style="list-style-type: none"> • Wet sprinkler system • Dry sprinkler system • Pre-action sprinkler system • Deluge system 2. Highlight the adoption, with local modifications, of the LPC Rules for Automatic Sprinkler Installations incorporating BS EN 12845:2015 in accordance with FSD CL5/2020	Ir Linus HUI Chi-hang Deputy Chairman FSICA Training Committee
7 (ECA)	8 Feb 2023 (Wed)	How Smart Switchgear to improve operational safety & sustainability <u>Contents</u> <ul style="list-style-type: none"> • Definition and characteristics of new power system • What is the changes and challenges • Innovative technologies of smart switchgear • Improve safety in operation and maintenance • Energy monitoring and asset management • Digital solution in MV & LV switchgear 	Mr Jan CHIU Marketing Manager ABB
8 (ECA)	15 Feb 2023 (Wed)	IoT, AI, Big Data and Video Analytic Solutions in Smart Buildings <u>Contents</u> <ul style="list-style-type: none"> • IoT Solutions to Keep Up with the Rapid Pace of Change in Smart Buildings • Driving the Way Forward to Smart Mobility - Evolution of Carparking System • Video Analytics for Business Intelligence and Optimised Operation 	Mr CHEUNG Chi Ho, Billy Senior Manager – Sales and Service Operation of Intelligent & Green Building Solutions Department ATAL Engineering Ltd

<p>9 (ECA)</p>	<p>22 Feb 2023 (Wed)</p>	<p>Current Solar energy Technology and Solar Engineering Projects from domestic to mega plant</p> <p>Content:</p> <ul style="list-style-type: none"> • PV panel trend, Invertor technology and their selection criteria • Software Tools for Design • Choose of Renewable Energy, Panel selection Normal, Biofacial, soft panel • Difficulty in Domestic Projects • Current rebate market trends • Application procedures • Minor builder's work • Mega Project case study 	<p>Mr Jaff LEE CEO Amosola Limited</p> <p>Mr Dick LEE General Manager Jardine Engineering Cooperation Ltd</p>
<p>10* (PSWTA)</p>	<p>1 Mar 2023 (Wed)</p>	<p>Specialized Building Plumbing Systems Installations for Hospital projects</p> <p>Contents</p> <ul style="list-style-type: none"> • Codes and Regulations related to PD and Health • Design Criteria / Special concerns on design for a Hospital • Plant rooms planning and pipeduct / Main trunk strategy • Plumbing System design considerations • Drainage System design considerations 	<p>Ir Ben YUEN Technical Director, Building MEP China Region WSP</p> <p>Mr Mike FOK Senior Associate WSP</p>
<p>11* (PSWTA)</p>	<p>8 Mar 2023 (Wed)</p>	<p>Sharing of MiC and MiMEP Experience 2.0</p> <p>Contents</p> <ul style="list-style-type: none"> • Guide to Application for Water Supply, by WSD. • MiC Method • Supervision of Plumbing Works in Projects Adopting MiC Method • Plumbing Proposal for Projects Adopting Modular Integrated Construction (MiC) Method 	<p>Mr Burnie MOK Manager ATAL Building Services Engineering Ltd</p>

(Revised)

Enrollment Form

Joint Professional Training Course 2022



Title: Ir Mr Ms Others: _____

Full Name: (English) _____ (It will be printed on Certificate)

Company: _____

Position: _____ E-mail: _____

Tel: _____ Fax: _____

Address: _____

I am a member of: HKFEMC HKACRA HKECA FSICA LECA PSWTA

I would like to enroll the following session(s): [Please "tick"]

Session	Date	Topic
1 <input type="checkbox"/>	30 Nov 2022	Wed 1) Application and Advantage of JumpLift Solution for Construction Site 2) What make, Elevator & Escalator driving Positive Resonance, modernizing Healthier City...
2 <input type="checkbox"/>	7 Dec 2022	Wed Energy Management for HVAC Systems – From the Fundamental Control, Rule-based Optimisation to Artificial Intelligence
3 <input type="checkbox"/>	14 Dec 2022	Wed Local Statutory Requirements, Update and Procedure to meet Occupation Permit for Ventilation System
4 <input type="checkbox"/>	4 Jan 2023	Wed Ventilation System for Infection Control
5 <input type="checkbox"/>	11 Jan 2023	Wed Strategy Planning for Fire Safety Systems of Special Hazard Industrial Development
6 <input type="checkbox"/>	18 Jan 2023	Wed 1) Types of Fire Sprinkler Systems and Their Applications in Hong Kong 2) Highlight the adoption, with local modifications, of the LPC Rules for Automatic Sprinkler Installations incorporating BS EN 12845:2015 in accordance with FSD CL5/2020
7 <input type="checkbox"/>	8 Feb 2023	Wed How Smart Switchgear to improve operational safety & sustainability
8 <input type="checkbox"/>	15 Feb 2023	Wed IoT, AI, Big Data and Video Analytic Solutions in Smart Buildings
9 <input type="checkbox"/>	22 Feb 2023	Wed Current Solar energy Technology and Solar Engineering Projects from domestic to mega plant
10* <input type="checkbox"/>	1 Mar 2023	Wed Specialized Building Plumbing Systems Installations for Hospital projects <i>(Accreditation under Water Supplies Department's CPD Scheme)</i>
11* <input type="checkbox"/>	8 Mar 2023	Wed Sharing of MiC and MiMEP Experience 2.0 <i>(Accreditation under Water Supplies Department's CPD Scheme)</i>
* If you attend the Session 10 and/or 11, please provide the Plumber's Licence No. _____ for Water Supplies Department's CPD Scheme)		
<input type="checkbox"/> All 11 Sessions		
Registration Fee: <input type="checkbox"/> HK\$320/session (Member) <input type="checkbox"/> HK\$400/session (Non-member)		
Total : _____ Sessions(s)		Total Amount : HK\$ _____

Enrollment Procedures:

1. Please fax the completed Enrollment Form to 2519 0298 or e-mail to admin@hkfemc.org for reservation in a week advance of the 1st date of your selected session(s).
2. For payment, kindly mail a crossed cheque payable to "The Hong Kong Federation of Electrical and Mechanical Contractors Ltd" with this completed form to the HKFEMC Office (Room 1801, 18/F, Tung Wai Commercial Building, 109-111 Gloucester Road, Wanchai, Hong Kong). Receipt will be issued to participant in due course.
3. An Admission Webinar Link will be issued and emailed to you at least a day in advance to each corresponding session.
4. Enrollment fee is non-refundable.

For Internal Use	
Cheque no. _____	Receiving Date _____
Entrance Ticket no. _____	Receipt no. _____