



## Joint Comprehensive Certificate Course on Sustainable Plumbing and Drainage System 2024

Jointly organized by  
Building Services Operation and Maintenance Executives Society (BSOMES)  
The Chartered Institution of Building Services Engineers - Hong Kong Region (CIBSE-HKR)  
The Chartered Institute of Plumbing and Heating Engineering - Hong Kong Branch (CIPHE-HKB)  
The Hong Kong Institution of Engineers - Building Services Division (HKIE-BSD)  
Hong Kong Plumbing & Sanitary Ware Trade Association Limited (HKPSWTA)

### Date, Time & Venue

Date : 24 September, 2024 to 18 November, 2024 (please refer to the attached time table)  
Time : 7:00 pm to 09:30 pm  
Venue : Conference Hall, 4/F, Hong Kong Productivity Council, HKPC Building, 78 Tat Chee Avenue,  
Kowloon, Hong Kong (Please refer to the attached location map).

### Programme Highlights

The course is designed to broaden knowledge of engineers in relation to Plumbing & Drainage 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 some practical knowledge and experience sharing.

### Language

Cantonese with English Terminology

### Fee

Per session of any topic	For Members of the Organizers & Supporting Organizations		For Non-members of the Organizers & Supporting Organizations		For Fulltime Tertiary Student (with limited quota) Fee
	Fee	Early Bird <b>before 31 Aug 2024</b>	Fee	Early Bird <b>before 31 Aug 2024</b>	
	\$300	\$270	\$320	\$300	\$100
Full course of 12 sessions	\$2,880	\$2,600	\$3,500	\$3,240	\$1,000

## Certificate

- 1- A CPD certificate will be issued to participant for each full session.
- 2- On top of any individual session certificate(s) issued, a full course certificate will be issued to those who have applied for full course with attendance of at least 10 full sessions.
- 3- CPD Certificate for Licensed Plumber will be emailed to attendant within 1 month after the date of the event.
- 4- This CPD programme provider is accredited by the CPD Course Panel under Advisory Board on Licensing of Plumbers. The nos. of credit will subject to Water Supplies Department's final approval. This activity is provided by:  
The Chartered Institute of Plumbing and Heating Engineering – Hong Kong Branch, Org. Code No. 003.  
For details, please refer to below link:  
<http://www.wsd.gov.hk/tc/plumbing-engineering/voluntary-continuing-professional-development-sche/accreditation/index.html>  
(to be confirmed)
- 5- This is an “Official” and “Non-core” course under the CPD Scheme of the Property Management Services Authority. Holders of Property Management Practitioner Licence may receive a maximum of 30 CPD hours by participating in the course.

## Registration

Please register online through this following link: [JCCC 2024 - Registration](#) or the QR code below:-



Registration/enrollment will be on a first-come-first-served basis (*priority will be given to members of the Organizers and Supporting Organizations.*)

## Supporting Organizations



## **Payment Method**

After online registration,

### 1. Cheque by Post

Send crossed cheque to "*Hong Kong Plumbing and Sanitary Ware Trade Association Ltd.*" to 7/F., Thomson Centre, 76-78 Thomson Road, Wan Chai, Hong Kong. Cash or Post-dated Cheque should not be sent through the post. Please be reminded to write the applicant's name with contact phone no. and mark "JCCC-P&D 2024" at the back of the cheque.

### 2. Direct Payment \*\*

- I. Bank : *Bank of China (Hong Kong)*  
Account Number : 026-704-00073759
- II. FPS ID : 162682983

\*\*Please be reminded to write the applicant's name with contact phone no. and mark "JCCC-P&D 2024" on the bank receipt, then email ([jccc.pnd.2024@gmail.com](mailto:jccc.pnd.2024@gmail.com)) or fax to (852) 2891 0040.

## **Remarks**

- 1) The registration / enrollment will be made on a first-come-first-served basis. Priority will be given to members of Organizers and Supporting Organizations. Student should declare his/her student's identity during the registration.
- 2) The early bird registration is subject to the receiving date of cheque with full payment registered.
- 3) Registration fee(s) being paid is not refundable and not transferable.
- 4) No CPD certificate will be awarded to individuals who arrive at venue after 7:30pm (more than half hour late) or leave earlier than 9:00pm (more than half hour early).
- 5) If the Typhoon Signal No. 8 or above / Black Rainstorm Warning is in force during class, or Typhoon Signal No. 8 or above is hoisted within 2 hours before the class commences, any class already in progress will be dismissed immediately and imminent classes will be cancelled. As such, a make-up class will be arranged.
- 6) The organizer reserves the right to amend the terms and conditions without prior notice.
- 7) In case of any disputes, the decisions of the organizer shall be final and conclusive.

## **Enquiries**

Please contact Secretariat:

- Mr. Angus Wong at Tel: 9258 0519
- Mr. K H Shing at Tel: 6131 7572
- e-mail: [enquiry.jccc2024@outlook.com](mailto:enquiry.jccc2024@outlook.com)



**Organizing Committee Members:**

- BSOMES : Ir Timothy Chu, Ir Chris Ting, Ir Philip Pih, Ir Peter Ho, Ir Wommy Wong,  
Ms Athena Chan, Ir Dr. Candy Leung
- CIBSE-HKR : Ir Hyvan Wong, Ir Angus Wong, Ir K H Shing, Ir Anthony Chan, Mr Martin Yim
- CIPHE-HKB : Mr Arthur Li, Ir Ben Yuen, Mr Kelvin Fung, Ir Jacky Chan, Ms Yanki Wan
- HKIE-BSD : Ir Sr Jonathan Lee, Ir S C Ngan, Ir Albert Yau, Ir Derek Chan
- HKPSWTA : Mr Terry Leung, Ms Miram Leung

## 給排水系統綜合證書課程 2024

合辦機構

屋宇設備運行及維修行政人員學會 (BSOMES)  
英國屋宇裝備工程師學會 - 香港分會 (CIBSE-HKR)  
英國特許水務工程師學會 - 香港分會 (CIPHE-HKB)  
香港工程師學會 - 屋宇裝備分部 (HKIE-BSD)  
香港水喉潔具業商會 (HKPSWTA)

### 上課日期、時間和地點

日期：2024 年 9 月 24 日至 11 月 18 日 (請參閱附上之時間表)

時間：晚上 7 時至 9 時 30 分

地點：香港生產力促進局四樓會議廳(香港九龍達之路 78 號生產力大樓) (請參閱附上之地圖)

### 課程重點

本課程的講者皆來自相關政府部門、大學、工程顧問、製造商、承建商和物業及設施管理的資深從業員。他們以專業和實用的知識，使學員能更深入認識各種給排水系統設備在樓宇的安裝，運作及維修保養等程序，和有關法例的規管及執行的要求。課程為年青工程師及工程人員而設計，亦適合較資深從業員，從而達至溫故知新和自我增值之目標。

### 授課語言

講授語言以廣東話為主，並輔以英文專用名詞。

### 學費

報讀任何一節 課程	各主辦機構及支持機構之會員		非主辦機構及支持機構申請者		全日制大專學生 (附特定限額)
	學費	<b>2024年8月31日</b> 前報名	學費	<b>2024年8月31日</b> 前報名	學費
	\$300	\$270	\$320	\$300	\$100
全部課程 (合共十二節)	\$2,880	\$2,600	\$3,500	\$3,240	\$1,000



- 證書** :
- 1) 修畢每一節課程之學員，即獲頒發一張當晚課程之持續專業發展課程證書。
  - 2) 報讀全部(12 節) 課程，並且出席率達 10 節或以上之學員，除獲得多節個別課程之持續專業發展課程證書外，並獲發一張由所有合辦機構共同簽發的綜合課程修業證書。
  - 3) 持牌水喉匠自願持續專業進修證書將在活動日期後的 1 個月內通過電子郵件發送給學員。
  - 4) 此持續專業進修課程/活動由水喉匠牌照諮詢委員會轄下持續進修課程委員會的認可機構提供：  
英國特許水務工程師學會 - 香港分會，認可機構代號 003.  
(待核准)
  - 5) 此課程屬物業管理業監管局「持續專業發展計劃」下「非核心」內容範疇的「正式」學習活動，物管人牌照持有人可藉參與課程而獲取最多 30 小時的認可持續專業發展時數。

**登記** : 名額有限，先到先得，額滿即止(各主辦機構及支持機構之會員優先)，網上登記請按下列連結: [JCCC 2024 - Registration](#) 或下邊的 QR code 網頁。



### 支持機構

## 付款方式

網上報名後，

### 1. 郵寄支票

郵寄劃線支票至「香港水喉潔具業商會有限公司」至香港灣仔譚臣道七十六至七十八號卓信商業大廈七字樓。現金或遠期支票不應以郵寄方式寄送。請注意填寫申請人姓名及聯絡電話。並在支票背面註明「JCCC-P&D 2024」。

### 2. 直接付款\*\*

一、銀行：中國銀行（香港）

帳號：026-704-00073759

二、轉數快 ID：162682983

\*\*請注意填寫申請人姓名及聯絡電話。並於銀行收據上註明“JCCC-P&D 2024”，然後電郵(jccc.pnd.2024@gmail.com)或傳真至(852) 2891 0040。

## 備註

- 1) 報名以先到先得的方式進行。主辦機構及支持機構之會員優先。學生應在註冊時聲明其學生身份。
- 2) 早鳥登記會計算在支票的接收日期，並須要全額付款。
- 3) 支付的註冊費不予退還，亦不可轉讓。
- 4) 晚上 7:30 後登記(遲到超過半小時)或晚上 9:00 之前離開(早退半小時)將不頒發 CPD 證書。
- 5) 當八號或以上颱風信號/黑色暴雨警告在上課期間生效，或八號或以上颱風信號在開課前 2 小時內懸掛，任何已在進行中的課程將立即放學，即將上課的課將被取消和重新安排，並適時公佈具體情況。
- 6) 合辦機構保留修改條款和條件的權利，恕不另行通知。
- 7) 如有任何爭議，合辦機構的決定會是最終決定。

## 查詢

秘書處：

- 王明輝先生 電話: 9258 0519
- 盛君灝先生 電話: 6131 7572
- 電郵: [enquiry.jccc2024@outlook.com](mailto:enquiry.jccc2024@outlook.com)





## 籌委會成員名單

- 屋宇設備運行及維修行政人員學會 : 朱植基工程師、丁燦球工程師、畢金拴工程師、何德成工程師、黃銘光工程師、陳雅茵小姐、梁穎嫻博士工程師
- 英國屋宇裝備工程師學會 - 香港分會 : 王子一工程師、王明輝工程師、盛君灝工程師、陳嘉豪工程師、嚴家焯先生
- 英國特許水務工程師學會 - 香港分會 : 李錦皇先生、袁啟志工程師、馮子賢先生、陳震宇工程師、尹詠榆小姐
- 香港工程師學會 - 屋宇裝備分部 : 李文光工程師測量師、顏詔昌工程師、丘達興工程師、陳德誠工程師
- 香港水喉潔具業商會 : 梁景恆先生、梁惠玲小姐





<b>Time Table</b>				
<b>Session</b>	<b>Date</b>	<b>Key Topics</b>	<b>Brief Contents</b>	<b>Name of Speaker*</b>
1	24 Sep 2024 (Tue)	Development of Sustainable Design for Plumbing and Drainage System and Prepare for Future Challenge	<ul style="list-style-type: none"> <li>● Water management strategies to cater for extreme effects of climate change, containing water demand and explore different water resources</li> <li>● Application of Smart solution</li> <li>● Anti-flooding provision</li> </ul>	HKIE-BSD Mr. Tommy Leung
2	26 Sep 2024 (Thu)	Sponge City	<ul style="list-style-type: none"> <li>● Concept of Sponge City Construction</li> <li>● Why and How Sponge City</li> <li>● Project Overview</li> <li>● Benefit Analysis</li> <li>● Modules of Rainwater Recycling and Utilization System</li> </ul>	CIBSE-HKR Mr. W. J. Liang
3	10 Oct 2024 (Thu)	<p>Cases sharing to cope with latest statutory requirements, extreme weather in existing buildings</p> <p>From building engineer's solid experience sharing about the process in healing poor grease traps in existing buildings.</p>	<ul style="list-style-type: none"> <li>● Real cases about Water Safety Plans and of Separate Water Meters for Subdivided Units</li> <li>● Confined space management for updated requirements of Labour Department</li> <li>● Preventative measures for emergency breakdown and extreme weather in property</li> <li>● How to identify the root cause and solution design in drainage system in existing buildings</li> <li>● Major point to note about Water Efficiency Labelling Scheme (WELS)</li> </ul>	BSOMES Mr. W. Y. Poon Mr. Tony Lee



<b>Time Table</b>				
<b>Session</b>	<b>Date</b>	<b>Key Topics</b>	<b>Brief Contents</b>	<b>Name of Speaker*</b>
4	15 Oct 2024 (Tue)	Latest design trends in plumbing and drainage	<ul style="list-style-type: none"> <li>● Latest trend to combat extreme weather</li> <li>● Decarbonization in plumbing and drainage installation</li> <li>● Digitalization in plumbing and drainage design</li> </ul>	HKIE-BSD Ir Bob Lau
5	17 Oct 2024 (Thu)	Part 1: Installation, Testing, Commissioning & Maintenance of Pumps and Associated Pipework Part 2 : Water Hammer Effect of system, Noise Criteria & Vibration Isolation of pump room	<ul style="list-style-type: none"> <li>● Pump Installation</li> <li>● NPSH definition</li> <li>● Pump Alignment Check</li> <li>● Water Hammer Phenomenon in pipelines</li> <li>● Devices for protection from Water Hammer</li> <li>● Vibration &amp; Noise Reduction</li> </ul>	HKPSWTA Mr. Paco Fung Mr. Chris Wong
6	24 Oct 2024 (Thu)	Siphonic Drainage System  Rain Water Harvesting System	<ul style="list-style-type: none"> <li>● Understanding Siphonic Rainwater System</li> <li>● Design of a Siphonic Rainwater System</li> <li>● Project Overview</li> <li>● Design of a rain water harvesting system</li> <li>● Application of collected water</li> <li>● Project Overview</li> </ul>	CIBSE-HKR Mr. Games Cheung Mr. W. K. Chan Mr. Tecky Ho



<b>Time Table</b>				
<b>Session</b>	<b>Date</b>	<b>Key Topics</b>	<b>Brief Contents</b>	<b>Name of Speaker*</b>
7	29 Oct 2024 (Tue)	Sustainable Design of Water Supply Systems of High-rise Building	<ul style="list-style-type: none"> <li>● Potential applications of pressure / flow rate optimization for the energy used in typical high-rise water supply systems</li> <li>● Energy efficiency evaluation measure for different designs / audits</li> <li>● Parameter for system designs and management programmes towards carbon neutrality adaptation</li> <li>● Practical Plumbing system design and planning considerations for high rise building</li> <li>● Sustainable provisions for P/D and heating systems</li> </ul>	CIPHE-HKB Dr. L. T. Wong Ir Ben Yuen
8	31 Oct 2024 (Thu)	Making impossible repairing mission to be possible and sustainable in existing U/G pipe systems	<ul style="list-style-type: none"> <li>● Introduction of the state-of-the-art in CCTV survey &amp; various lining technique about Cured-In-Place</li> <li>● Cases sharing for undergrounds drainage system for collapsed pipes, limited space and identify pressure pipe leakage point</li> <li>● Sustainable drainage condition monitoring by modern cloud base software</li> <li>● Confined space safety development in future to above drainage Work</li> </ul>	BSOMES Mr. Ric Ng



<b>Time Table</b>				
<b>Session</b>	<b>Date</b>	<b>Key Topics</b>	<b>Brief Contents</b>	<b>Name of Speaker*</b>
9	4 Nov 2024 (Mon)	Climate Change -- Heavy Storm & Flooding. Drainage Arrangements	<ul style="list-style-type: none"> <li>● Causes of Flooding in Different Situations</li> <li>● Measures (Designs) for Prevention of Flooding</li> <li>● Classifications of Storm Water</li> <li>● Calculation of run-off.</li> <li>● Impacts to Storm Run-off due to Change of Water Catchment</li> <li>● Solutions on Common Building Rain water Issues</li> </ul>	CIPHE-HKB Mr. William Cheung
10	11 Nov 2024 (Mon)	Hot Water Balancing	<ul style="list-style-type: none"> <li>● Application of Auto Shut-off Valves for Over Pressure Protection and Hot Water Circulation</li> </ul>	HKPSWTA Mr. Stephen Lam
11	14 Nov 2024 (Thu)	Advancement and Sustainability in Plumbing and Drainage System	<ul style="list-style-type: none"> <li>● Energy-efficient design in pumping system</li> <li>● Innovative pump control and monitoring platform</li> <li>● Comprehensive flood control solution</li> </ul>	HKIE-BSD Ir O. S. Law
12	18 Nov 2024 (Mon)	Practical Cases Sharing on Plumbing and Drainage Installation	<ul style="list-style-type: none"> <li>● Common Installation Problems on Plumbing and Drainage Installation</li> <li>● Tips to Achieve The Target Benefits (Sustainability, Quality, Punctuality) from The Applications of MiMEP and DFMA</li> </ul>	CIPHE-HKB Ir Brian Cheng

\* Remarks: The speakers may be subject to change without notification.



## Location Map

### 香港生產力促進局地址:

香港九龍達之路 78 號生產力大樓

