

## Continuing Professional Development Webinar

### Outbreak of COVID-19: Household Drainage Systems and Cross Contamination (2<sup>nd</sup> Intake)

- Date** : 28 April 2020 (Tuesday)
- Time** : 5:30 pm – 7:00 pm
- Venue** : This event will be conducted in the form of webinar via Zoom.  
(An event reminder with Zoom Webinar ID will be provided at around a week before the event.)
- Programme Highlights** : It is an unusual time to raise a topic about Household Drainage System again, for the outbreak of COVID-19. In the long run, CIPHE wish to share and review with our engineers the design, installation and maintenance of the drainage system to stop the cross contamination among apartments of a building. Today, we would introduce our findings on potential defects or failures in existing systems and the immediate remedies.

Generally believed, the spread of virus can be caused by air contamination, when sewage-polluted air from a sanitary fixture gets into other apartments through the same shared drainage system. Indeed, drainage systems of a building must be equipped with appropriate traps, built with specified depth of water seal by Regulation to stop the air from drainage system entering the apartments. This protection can be broken by one or more of the following reasons:

1. Water seal being broken by pressure in the drainage pipe.
2. Water seal being removed from the position.
3. Failed trap(s).
4. Negative pressure (High enough to overcome the water seal) existing inside the washroom / kitchen (The Room).

Item 1 to 3 might happen for different reasons. This Seminar is brought to you with:

- A. A brief introduction of drainage systems and their major components.
- B. Reasons of protection breakage and recommendation of remedies.

Item 4 should normally not happen but it is a good practice to avoid closing all windows and door of the Room while turning on the ventilation fan or cooker hoods.

- Speaker** : Mr. William K. H. Cheung, Honorary Technical Advisor - CIPHE HKB  
Mr. Derek T. S. Chan, Honorary Secretary Committee - CIPHE HKB
- Language** : Cantonese (no material will be distributed)

**Fee** : Free of Charge  
**(per person)**

**Certificate** : NOT AVAILABLE

### Registration & Enquiry:

The number of participants is limited to 500 and applications will be accepted on a first-come, first-served basis. The deadline of application is noon on **25 April 2020**. Successful applicants will be confirmed by email and the accepted applicants should attend the above event as scheduled.

(1) For registration, please scan the below QR code or click [HERE](#)



- (2) Please input **“Webinar-20200428”** under **“Event Enrollment, Other”** in the registration form.
- (3) For enquiry, contact Ms. Coty Siu of CIPHE-HKB by phone at (852) 2417 0091 and direct contact is available from 9:30 am to 12:30 pm, (Mon to Fri) or by email at [info@ciphe.org.hk](mailto:info@ciphe.org.hk).

### Note for Registration:

- (1) The seminar will be cancelled when the typhoon signal No. 8 or above, or black storm warning is hoisted 3 hours before commencement of the seminar.
- (2) Information provided will be kept strictly confidential and will not be sold, reused, rented, loaned, or disclosed to third party.

### Supporting Organizations:

