

1<sup>st</sup> Announcement

**HKICON**

Hong Kong Institute of Architectural Conservativists  
香港建築文物保護師學會

2-Day Course on

## CONSERVATION OF HISTORIC MASONRY STRUCTURES

Organised by

EPC Engineering Consultant Ltd.

Supported by

Hong Kong Institute of Architectural Conservativists (HKICON)

Date: Day 1: 13<sup>th</sup> April 2026 (Monday) and

Day 2: 20<sup>th</sup> April 2026 (Monday)

Time: 9:00 a.m. for registration to 5:45 p.m.

Venue: Conference Room AC1, Administration Building (Level 4) - Hong Kong Cultural Centre, Tsim Sha Tsui, Kowloon



### Introduction:

Through civilization, architects and builders have chosen masonry for its beauty, versatility, and durability and produced world wonders such as the Great Wall of China, Egyptian Pyramids, the Colosseum in Rome and Taj Mahal in India. Masonry is still used today as it is highly durable, resistant to fire and is excellent for sound separation.

This 2-Day Course outlines the material properties, strengths and weaknesses of such material in the building structures. Survey techniques, repair methods to rectify defects, testing and strengthening techniques will be presented. Protection techniques will also be presented together with case studies for the repair of the masonry structures.

The course is technical yet only very basic structural principles will be presented and is very practical to suit practicing professionals. This is the rare opportunity for experience sharing with numerous examples based on the speaker's extensive experience in the masonry building conservation practice in both Western and Chinese style buildings.

**This course is a repeat of the 2-Day courses held in August 2018 & June 2019 with minor update intended for those who missed the opportunity to attend the course. This course is intended to be a final one on this subject before the speaker enters into retirement.**

**WHO SHOULD ATTEND:** This course has been specifically developed to serve Building professionals including Structural Engineers, Architects, Building Surveyors, Conservationists, Fire Safety Engineers, Property Managers, Regulators, Contractors and Builders working on heritage conservation projects involving historic masonry buildings who need a working knowledge of the masonry structures. The course is also suitable for clerk of works, site inspectors, students and graduates who need to acquire the specialist skill of conservation of masonry buildings.

**Speaker's Profile:** Ir Eric P.W. CHAN      BSc, MSc, DIC, RPE, MStructE, MHKIE, MICE



Eric has over 40 years of experience in building structures in the United Kingdom and Hong Kong and has more than 10 years' experience working with historic buildings. Eric served as an in-house structural consultant to the Antiquities and Monuments Office during 2010 to 2017. Prior to his retirement in 2010, Eric was a senior structural engineer of the Heritage Unit in Architectural Services Department (ArchSD). His work in ArchSD included the Yuen Long Theatre, Tsing Yi Complex, Hong Kong Wetland Park and Visitor Centre and many other conservation projects such as Dr Sun Yat-sen Museum and Yau Ma Tei Theatre. He also worked on the Revitalization Scheme,

Financial Assistant Scheme and other conservation of building projects in Private Partnership Participation initiated by the Government of HKSAR.

Eric holds a Masters in Concrete Structures from Imperial College in the UK and a Bachelor of Science in Civil Engineering from the City University of London.

**Continuing Professional Development Credits:**

The course is considered suitable for 2 CPD-day credits (6-hour per day).

\* A 'Certificate of Attendance' will be issued to those who attend all sessions.

**Course Fee:** HK\$2,600 for HKICON Members, HK\$2,800 for members of HKIA, HKIE, HKIS, government officials and HK\$3,000 to others with a special discount for graduates members of the above Institutions and students (including course notes, a 2 CPD-day 'Certificate of Attendance'\* and tea/coffee during morning and afternoon breaks; Lunch is not provided) (Non-refundable)

**Enquiries:** All enquiries about this course should be made to Ir Eric PW Chan, EPC Engineering Consultant Ltd. Tel./WhatsApp 6176 3658 (Email: [epcericchan@gmail.com](mailto:epcericchan@gmail.com)).

**Note:** Limited seating is provided at the venue and early registration is highly recommended. EPC reserves the right to return the cheques to Applicants should the number of Applicants exceed the seating capacity.

**Official Language:** Cantonese will be used and supplement with English technical terms. Course notes will be printed mainly in English supplement with Chinese for Chinese style historic buildings.

Two-day course  
**CONSERVATION OF HISTORIC MASONRY STRUCTURES**

**Registration Form**

(Applications to be received by post on or before 8<sup>th</sup> April 2026)

Please follow the 2-step registration procedure:

1. Email the completed registration form to Ir Eric PW CHAN (Email: [epcericchan@gmail.com](mailto:epcericchan@gmail.com)) for reservation.

2. Post the completed registration form to EPC Engineering Consultant Ltd., P.O. Box 84193, Hunghom Bay Post Office, Kowloon (to be received on or before 8<sup>th</sup> April 2026)

Personal Details:

	Surname	Given Name	Name of Company	Member	Phone No.	Email Address
1						
2						
3						
4						
5						

Item	Registration Fee	Total no. of registration	Sub-total
1. Members of HKICON	\$2,600	_____person(s)	= HK\$_____
2. Members of HKIA, HKIE, HKIS and government officials	\$2,800	_____person(s)	= HK\$_____
3. Non-members of the above Institutions	\$3,000	_____person(s)	= HK\$_____
4. Graduate Members & Students**	\$1,500	_____person(s)	= HK\$_____
<b>Total amount:</b>			<b>HK\$</b>

\*\*Note: Limited seats at special fees on first-come-first-served basis.

I enclose a crossed cheque (no. \_\_\_\_\_) with a sum of HK\$\_\_\_\_\_ payable to EPC Engineering Consultant Ltd. for the registration fee of the captioned course.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

CPD Certificate of Attendance: Please tick the appropriate box to indicate your choice:

- Yes, I/ we would like to have CPD certificate(s).  
 CPD certificate(s) not required.

## Two-Day Course Programme

### CONSERVATION OF HISTORIC MASONRY STRUCTURES

**Venue:** Conference Room AC1, Hong Kong Cultural Centre Level 4 of the Administration Building, Tsim Sha Tsui, Kowloon

尖沙咀梳士巴利道香港文化中心 行政大樓四樓會議室 AC1

Time	Day one : 13 <sup>th</sup> April 2026 (Monday)
9:00am-9:15am	Registration
9:15am-9:40am	Introduction to Conservation Principles
9:40am-10:40am	History of Masonry Structures
10:40am-11:05am	Tea Break
11:05am-12:30pm	Masonry Mortar for Historic Buildings
12:30pm-2:00pm	Lunch Break
2:00pm-3:00pm	Brick Manufacturing Process and Masonry Properties
3:00pm-4:00pm	Roof Tile Manufacturing Process and Tiles Properties
4:00pm-4:25pm	Tea Break
4:25pm-5:30pm	Masonry Defects and Survey of Masonry Structures
5:30pm-5:45pm	Q & A

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Time	Day two : 20 <sup>th</sup> April 2026 (Monday)
9:00am-9:15am	Registration
9:15am-10:10am	Earth & Masonry Construction and Basic Structures
10:10am-11:10am	Repair & Strengthening of Masonry Structures
11:10am-11:35am	Tea Break
11:35am-12:30pm	Protection and Testing of Masonry Structures
12:30pm-2:00pm	Lunch Break
2:00pm-2:45pm	Leaning and Bulged Masonry Structures
2:45pm-3:45pm	Repair of Bulged Masonry Structures – Case Studies
3:45pm-4:10pm	Tea Break
4:10pm-5:10pm	Repair of Tilted Historic Structures – Case Studies
5:10pm-5:30pm	Q & A
5:30pm-5:45pm	Collection of CPD Certificates