

# Seminar: Fire Testing and Product Certification of Fire Resistance Rated Doors In Hong Kong

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Fire Safety is a big issue in infrastructure and construction buildings. In Hong Kong, we have code of practice to govern the requirements of fire safety level for different types of building. In order to prevent fire spread within a building, compartments will be formed to confine the fire for a sufficient period to allow occupant evacuation, access of fire fighters to help the victims and extinguish the fire.

Therefore, for the building elements that form the compartment, it is important to certify whether they are capable to provide the required fire resistance performance. The fire resistance tests provide the method to determine the fire resistance performance of the products. The test standards specify the testing conditions, the methods to assess and the criteria to classify the 'fire resistance performance'

Although the fire resistance test can be used to determine the performance of the product, it cannot certify every product that manufactured and used in the product is of the same acceptable quality. The implementation of the product conformity certification scheme therefore fitted in well to provide quality verification for the fire products

SGS, The Hong Kong Institute of Steel Construction and Fire Division, Hong Kong Institution of Engineers are pleased to invite you to participate in this seminar to share and discuss the latest trends on these topics:

- The concept of fire protection for structural building elements and how the assessment works
- The importance of RWS heating condition for tunnel lining and how to conduct the test
- Benefits of getting HKAS accredited Certification for PFPP products

## Topics:

Fire Tests and Assessment Approach in Product Conformity Certificate Scheme – Passive Fire Protection Products (PCCS – PFPP) Issue 3

## Speakers:

**Dr. L.K. Sze, Lipmann, PhD**

*Technical Manager, Research Engineering Development Façade Consultants (RED)*

Dr. SZE has more than 10-year experience in both product testing, assessment, fire engineering and certification of passive fire protection product. In this talk, Dr. SZE will share the concept of some basic principle on fire test and smoke control test to fire door, and the critical concern on the audit for the PCCS-PFPP Issue 3

**Mr. Thomas Ma, BEng (Hons.), MSc (Eng.) CCAA Auditor, HKICA Certified Lead Auditor, HKICA Fellow member, BSOMES corporate member, CQP MCQI**  
*Project Manager, SGS Hong Kong Limited*

In this talk Thomas will share the entire certification process of fire rated doors and smoke control doors based on the certification scheme (PCCS-PFPP) Issue 3, launched by Hong Kong Institute of Steel Construction (HKISC) in Nov 2017.

## Registration Fee:

- Current Member of The Hong Kong Institute of Steel Construction: HK\$700 per person
- Current Customers and Subscribers of SGS: HK\$700 per person
- Current Member of The Hong Kong Institution of Engineers : HK\$800 per person
- Any Individuals in a Group of 5+: HK\$800 per person
- Other Individuals: HK\$900 per person

**Payment:** A crossed cheque payable to Hong Kong Institute of Steel Construction Limited.  
Postal address and attention: Room ZS 972, Dept of Civil and Environmental Engineering, The Hong Kong Polytechnic University, Hunghom, Kowloon, Hong Kong. Mr. Sam CHAN

## Details:

### DATE:

**October 24, 2019 (Thu)**

### TIME:

**2:00 PM – 5:30 PM**

*(Registration starts at 1:45 PM)*

### VENUE

**Lecture Room FJ303, The Hong Kong Polytechnic University**

*(Seats are on a first come first serve basis)*

### CPD Certificate & Lecture notes

The registration includes a copy of the lecture notes, a copy of half-day CPD certificate, tea refreshments.

### PRIVILEGE

**HKD \$500 training coupon for SGS Academy ENOLL NOW!**

*(on a first come first serve basis)*

### LANGUAGE

Cantonese with English materials

*For enquiry, please contact :*

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