

ONE DAY WORKSHOP ON “STANDARD FIRE TEST METHODS FOR BUILDING CONSTRUCTION AND MATERIALS”

SPEAKERS:



MR. HANAFI BIN MOHAMAD



MS. SHARIFAH
NUR BADARIAH



Ir. KAMARULZAMAN
MAT ZIN



ASSOCIATE PROFESSOR
Ir. DR. YEW MING CHIAN

14 MAY 2026, THURSDAY
9.00 a.m. – 5.30 p.m.
BLOCK 14, SEMINAR ROOM,
GROUND FLOOR, SIRIM BUILDING
SECTION 2, 40700 SHAH ALAM, SELANGOR

GRADE	FEE (VIA IEM WEBSITE)	REGISTRATION FEES (RM) NORMAL VIA EMAIL
IEM Student Member	RM 200	RM 250
IEM Graduate Member	RM 450	RM 500
IEM Corporate Member	RM 550	RM 600
Non IEM Member	RM 650	RM 700.00

BEM Approved CPD: 8
Ref. No.: IEM26/HQ/082/W

SYNOPSIS

Discover the world of fire safety in building construction at our upcoming workshop. This event will provide you with invaluable knowledge about standard test methods for assessing the fire resistance of materials and structures. Learn how to ensure your buildings meet safety standards and regulatory compliance while delving into essential testing procedures. Led by industry experts, the workshop includes hands-on demonstrations and experiments, offering practical insights that can be applied in real-world scenarios.

SPEAKERS' BIODATA

MR. HANAFI BIN MOHAMAD



Hanafi Mohamad is a highly accomplished Principal Testing Executive with 22 years of expertise in fire protection product testing at SIRIM QAS International Sdn. Bhd. He holds a Master's degree in Occupational Safety and Health (OSH) from Universiti Teknologi Malaysia (UTM) and a Bachelor's degree in Mechanical Engineering from Universiti Teknologi MARA (UiTM). Hanafi actively contributes to Malaysian Standards development activities since 2005 and has played a pivotal role in testing fire protection products for global giants like Mitsubishi, Hyundai, and Schindler. He is also an expert in active fire testing, showcasing his profound knowledge and experience in ensuring the highest standards of safety and quality in fire protection products.

MS. SHARIFAH NUR BADARIAH

With a strong foundation in Mechanical Engineering and a Master's degree in Fire Safety Engineering, this seasoned expert brings over 16 years of invaluable experience to the realm of fire testing. Specializing in fire resistance testing for building elements, she meticulously adheres to British, European, and International standards. Her proficiency extends to conducting tailored ad-hoc fire tests for product development, showcasing her ability to blend theoretical knowledge with practical applications. One of her notable skills lies in producing detailed product assessment reports, where she expertly interprets results from a series of fire resistance tests for specific design configurations. With a wealth of practical insights and technical expertise, she delivers engaging presentations on a myriad of topics related to fire testing, enriching audiences with her depth of knowledge and passion for the field.



SPEAKERS' BIODATA



Ir. KAMARULZAMAN BIN MAT ZIN

Ir. Kamarulzaman bin Mat Zin is a Fire Testing Engineer at SIRIM QAS International, with over 17 years of experience in fire testing and conformity assessment. He began his career as a project and mechanical engineer before joining SIRIM in 2008. He holds a Bachelor of Engineering from the University of Malaya and an Executive Master's from Universiti Teknologi Malaysia (UTM). His career reflects strong expertise in fire safety testing and technical standards.

Ir. Dr. Yew Ming Chian is an Associate Professor at Universiti Teknologi PETRONAS (UTP) specializing in structural fire protection and advanced materials. A Professional Engineer (Ir.) and Chartered Engineer (CEng, UK), he has published over 100 technical papers, secured 16 research grants, and holds 11 intellectual property rights. His work focuses on intumescent coatings, flame-retardant polymers, sustainable construction materials, and nano-coatings, earning him various international awards. He also serves on professional bodies including the IEM Materials Engineering Technical Division, Member of the Society of Fire Protection Engineers and the Institution of Fire Engineers (UK) Malaysia Branch Council



PROGRAMME

Time	Description	Speaker
8.30am - 9.00am	Registration & Light Refreshment	
9:00am - 10:30am	Standards and Regulations for Fire Resistance Testing	Mr. Hanafi bin Mohamad
10:30am - 12:00pm	Unraveling Misconceptions: Fire Resistance Tests and Their Practical Applications	Ms. Sharifah Nur Badariah
12:00pm - 1:00pm	Q&A Session	
1.00pm - 2.00pm	Lunch	
2:00pm - 3:00pm	Testing Demonstration	Ms. Sharifah Nur Badariah
3:00pm - 4:15pm	Method for Determination of the Resistance of Ventilation Ducts	Ir. Kamarulzaman Mat Zin
4:15pm - 5:30pm	Intumescent Fire Protective Coatings for Mechanical & Electrical (M&E) Services	AP. Ir. Dr. Yew Ming Chian
5:30pm - 5:45pm	Q&A Session	

REGISTRATION FORM

No	Name (s)	M'Ship Number	IC No.	Fee (RM)
SUB TOTAL				
ADD SST @8%				
TOTAL PAYABLE				

***Fees MUST be fully paid BEFORE the CLOSING DATE. Seats could only be confirmed upon payment. Enclosed herewith a crossed cheque No: _____ for the sum of RM _____ issued in favour of "The Institution of Engineers, Malaysia" and crossed 'A/C payee only'. I/We understand that the fee is not refundable if I/We withdraw after my/our application is accepted by the Organising Committee as stated in the cancellation term. If I/We fail to attend the seminar, the paid registration fee will not be refunded.**

Name _____ Designation: _____

Address: _____

Tel No: _____ Email: _____

Signature & Stamp

Date

Kindly email the registration form to sitiaisyah@iem.org.my

CANCELLATION POLICY

IEM reserves the right to postpone, reschedule, allocate or cancel the event. Full refund if cancellation is received in writing more than 7 days before start date of the event. No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with prior notification and substitute will be charged according to membership status.

PERSONAL DATA PROTECTION ACT

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.