

31<sup>st</sup> July – 4<sup>th</sup> August 2023

Venue: Kuala Lumpur



*Sustainable and Resilient  
Corporate Risk Management*



Program Code: 10001193559

**FIRE RISK  
ASSESSOR  
COURSE**



The Institution  
of Fire Engineers  
Malaysia Branch  
24 CPD Hours

## Introduction

The main objective of the Fire Risk Assessors (FRA) accreditation course is to raise the profile and competency of fire engineers, fire safety engineers, fire safety managers, fire safety engineers, fire auditors in the fire and the construction industry.

Participants who have completed the course and fulfilled the requirements will be recognized as qualified Fire Risks Assessor (FRA) and listed on the Institution of Fire Engineers (UK) Malaysia Branch's (IFEM) website. All FRA will have the opportunity to join IFE as a member (of suitable grade) with an opportunity to be registered as an Engineering Technician of The UK Engineering Council. Practicing FRA who qualified will be listed as FRA for Malaysia market on IFE website.

A competent FRA should be able to conduct professional risks assessment on buildings under survey, with in-depth knowledge learnt throughout the course. A qualified FRA should be competent to produce a comprehensive risks assessment report by highlighting the risks and hazards of assets under review for loss prevention and for business continuity.

A proper risks assessment will enable building owners to exercise mitigation measures in eradicating or reducing fire risks and ensuring safety of all occupants and visitors through risks management recommendations. The value of having competent FRAs in the industry or an organization is in achieving loss prevention and in building a sustainable society with live safety and property protection as the main objective.

## Course Outline

- Fire Risk Assessment Methodology
- Fire Science and Behaviour
- Building Regulation, Acts, Codes and Standards
- International and Local Fire incidents case studies and Lessons Learnt
- Fire Prevention
- Fire Protection
- Fire Safety Engineering Approach
- Means of Escape & Human Behaviour
- Fire Management and Report Writing
- Practical Training and Assessment



## Course Learning Outcomes

Participants who have attended this course and achieved the qualification should be able to:

- Perform competent fire risks assessment on buildings, identify potential risks and recommend mitigation measures as part of risk management for business continuity beyond code compliance.
- Demonstrate understanding of the fundamental fire science, danger of fire propagation, danger of fire damage to properties and danger of smoke to occupants.
- Gain valuable lessons from past international and local fire incidents to prevent recurrence.
- Understand basic Building Regulation, Acts, Codes and Standards and legislative requirements for life and fire safety.
- Understand active and passive fire protection systems design concept, operation, functionality of components and methods of assessing system operational conditions.
- Provide structure risks and mitigation advice to building owners on risks exposure with the possibility of reduction in insurance premium.
- Understand the concept of means of egress design.
- Incorporate human behaviour in fire safety design.

## Recognition

- Participants who have completed the course and passed the assessment will be awarded a Certificate of Achievement by The Institution of Fire Engineers Malaysia Branch. Nonmembers can become IFE members through fast route process.
- Successful participant may be listed as an accredited Fire Risk Assessors on The Institution of Fire Engineers Malaysia website and he/she is also eligible to apply for accreditation with the UK Engineering Council if criteria fulfill.

## Entry Requirements

1. University Degree – Undergraduate or Postgraduate Degree OR
2. Technical Diploma OR
3. Mature candidates with at least 10 years working experience

## Course Structure

5 Days Full Time Course consisting:

- 4 days of classroom lectures/workshop
- Half day group practical assessment
- Half day individual written assessment

## Course Fees

|                     |                    |
|---------------------|--------------------|
| <b>IFEM Members</b> | <b>RM 4,800.00</b> |
| <b>Non-members</b>  | <b>RM 5,000.00</b> |

## Course Date

| <b>Course Date</b>                                       | <b>Registration Closing Date</b> |
|--|----------------------------------|
| <b>31<sup>st</sup> July – 4<sup>th</sup> August 2023</b> | <b>21<sup>st</sup> July 2023</b> |



## Registration Policy

- Registration can be done by sending the completed form via email to [ife.malaysia@gmail.com](mailto:ife.malaysia@gmail.com)
- Maximum intake per course is 25 participants. Registration will be on first come first serve basis.
- All registration is deemed to be effective only when accompanied with payment.
- IFE reserves the right to reschedule, change the program, modify the course content and/or cancel the course due to unforeseen circumstances.
- Once registered, any cancellation will not be allowed.

## FRA Course Registration Form (31<sup>st</sup> July - 4<sup>th</sup> August 2023)

| Item                | Details  |
|---------------------|--|
| Name                |  |
| I/C MyKad No        |  |
| IFE Membership No   |  |
| Membership Category | FIFireE / MIFireE / AIFireE / GIFireE / Non Member * |
| Job Title           |  |
| Qualification       |  |
| University          |  |
| Working Experience  | Years  |
| Mobile No           |  |
| Office Telephone No |  |
| Email address       |  |
| Company             |  |
| Address             |  |
|                     |  |

## Payment

**Please pay the course fees upon registration (online transfer) to:**

**The Institution of Fire Engineers (UK) Malaysia Branch**

**Account No: 5148 5111 2802 (Maybank)**

**Bank: Maybank Alam Damai**

**Swift Code: MBBEMYKL**

**Email payment receipt to [ife.malaysia@gmail.com](mailto:ife.malaysia@gmail.com) T: +603 91012255**