



THE INSTITUTION OF FIRE ENGINEERS THE  
INTERNATIONAL ORGANISATION FOR FIRE  
PROFESSIONALS

MENU

FAQs

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## What is Fire Engineering?

Fire Engineering is the application of scientific and engineering principles, rules [codes], and expert judgment, based on an understanding of the phenomena and effects of fire and of the reaction and behaviour of people to fire, to protect people, property and the environment from the destructive effects of fire.

## What is a Fire Engineer?

Through education, training and experience, a Fire Engineer understands:

- the nature, characteristics and mechanisms of fire;
- the spread and control of fire and the associated products of combustion;
- how fires originate;
- how fires spread within and outside buildings/structures;
- how fires can be detected, controlled, and/or extinguished;
- the likely behaviour of materials, structures, machines, apparatus, and processes as related to the protection of life, property and the environment from fire;
- the interaction and integration of fire safety systems and all other systems in buildings, industrial structures and similar facilities.

## What activities might a Fire Engineer undertake?

## Does the IFE produce newsletters and professional journal publications?

Does the IFE offer consultancy?

Does the IFE advertise vacancies in the fire sector nationally and internationally?

How can I find links to other fire organisations worldwide, universities and fire-related research?

My question is not in the FAQ. Who can I contact?

Is there guidance available on the use of IFE Logos?