

Fire Fighting Operations For Fire Engineers

The Institution of Fire Engineers will be hosting a one-day live fire programme for fire engineers and people who work in fire related industries or who have an interest in the fire safety design of buildings. This programme has been developed to give participants the opportunity to gain a better understanding of fire and smoke behaviour and fire fighting techniques by involving them in a series of real fire simulations. All participants will be able to gain first hand experience of real fires in building enclosures, including fire initiation and development, fire and smoke spread, flashover, the use of fire fighting equipment, fire fighting and search and rescue techniques, and more.

The programme will be conducted by experienced professional fire officers using various enclosures, props and scenarios and has been designed to offer participants an experience that is as close to the real thing as possible. Don't just read about it in textbooks - feel the heat and see the smoke for yourself!



National Training Centre—City Street



Fire Engineer completing a S&R exercise

A statement of attendance will be issued to the participants on completion of the programme, for the purposes of recording continuing professional development (CPD) undertaken.

Thursday 14 November 2024
Woolston, Christchurch.
Limited to 40 participants!

Programme Details

Venue: FENZ Woolston Training Centre
Location: 9 Olds Place
Woolston
Christchurch 8023
Dates: Thursday 14 November 2024
Times: 9.30am until 4.30pm
Dress: Long sleeve shirt, trousers, (or overalls) and enclosed footwear. A change of clothes is recommended and showers are available.
Pre-requisites: Participants should be of good health and are required to complete a FENZ indemnity form.
Meals: Lunch provided.
Enquiries: Scott Lanauze - 027 801 1834 or Secretary@ife.org.nz
Registration: <https://forms.microsoft.com/r/PRqdJPURUs>



Cost: \$90.00

Programme Content

9.00am	Welcome
9.20am	Woolston TC Introduction and safety briefing
9.30am	Walk around complex – WTC guide
9.40am	Morning tea
10.00am	Split into groups:
	Activity 1 Fire fighting water exercise: Using a Low Pressure delivery from a mains supply and then from a portable pump supply. Establishing a fire fighting delivery exercise—Take a charged delivery to 2 nd floor of building.
	Activity 2 Breathing Apparatus search and rescue exercise: Using BA through a building – no heat and possibly lights on depending on people.
11.00am	Groups swap between Activities 1 and 2.
12.00pm	Demonstration of Sprinkler System and Smoke Detection systems.
12.15pm	Lunch
13.00pm	Activity 4 Live Burn and Backdraft Demonstration: Watch live burn from outside the front of the container to show smoke and heat development from a small fire.
13.30pm	Activity 5 XVR session - Incident command training simulator.
14.45pm	Afternoon Tea
15.00pm	Activity 6 XVR session continued.
16.00pm	Classroom debrief
16.30pm	End of day