

# Fluorinated-Gas Fire Extinguishant Handling

## FETAC Level 5 Certification



This course is to equip the learner with the relevant knowledge, skill and competence to undertake without supervision the safe work on fixed fire extinguishing systems containing fluorinated greenhouse gases (F-Gases) in accordance with European Commission Regulations. This is for operators involved in:

- Installation
- Testing
- Commissioning
- servicing
- de-commissioning

**To allow companies to apply for F-Gas Registration**

### Learning Objectives

Upon completion the learner will be able to:

1. Describe the impact of F-Gases on the environment including their global warming potential in relation to climate change.
2. Outline the key aspects of relevant technical standards to include: ISO 14520, NFPA 2001 and BS codes of practice.
3. Discuss the significance of the relevant EU regulations in relation to fluorinated greenhouse Gases: (EC) No 846/2006 and (EC) 842/2006 .
4. Describe various examples of fire protection equipment containing fluorinated greenhouse gases.
5. Discuss methods of prevention of discharge and leakage from valves, actuating mechanisms and related components.
6. Discuss environmentally friendly practices for the filling and recovery of F-gases
7. Demonstrate a working knowledge of safety equipment and tools to include mechanical transport aids, lifting equipment, transit caps, recoil plugs, lock off devices and actuator reset mechanisms.
8. Describe the correct methods for moving pressurized cylinders containing fluorinated greenhouse gases.
9. Perform leakage prechecks by analysing equipment maintenance records.
10. Check for leakage of Fgases from fire protection systems in accordance with EC Regulations.
11. Install a fire protection system container designed to contain Fgases.
12. Commission and de-commission a fire protection system designed to contain Fgases and prepare the de-commissioned cylinder for safe transport.

### Training Provider

Ger Holton is a certified trainer and has many years of experience in installation and decommissioning of Fire Extinguishant and fire suppression systems.



Comhshaol, Oidhreacht agus Rialtas Áitiúil  
Environment, Heritage and Local Government



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Refrigeration Skillnet is a not-for-profit, industry led learning network for companies in the refrigeration and air-conditioning (RAC), heat pump and fire engineering sector in Ireland. The Refrigeration Skillnet is funded by member companies and the Training Networks Programme, an initiative of Skillnets Ltd. funded from the National Training Fund through the Department of Education and Skills.



### Who Should Attend?

All personnel involved with the installation, service, maintenance, recovery or decommissioning of fire extinguishant equipment containing fluorinated gases who wish to demonstrate their ability in the safe handling of F-gases.

Operatives of companies proceeding to F-Gas Registration

### Minimum Entry Requirements

Experience in handling fire extinguishants, pipe fitting or similar

### Certification

FETAC Level 5 Certification in F-Gas Fire Extinguishant Handling

### Programme Structure

The programme is delivered over two days with theory and practical examinations.

### Course Cost

Non Members	€ 350 per person
FESA / Refrigeration Skillnet member subsidy	(€ 120.00)
<b>FESA/ RS members</b>	<b>€ 230.00 per person</b>

Cost includes registration, training, course materials, assessment and FETAC Certification

### Location

Refrigeration SKILLNET Training Centre,  
Unit 7 Northwest Centre, Northwest Business Park,  
Blanchardstown, Dublin 15 (or available in house)

# COURSE BOOKING FORM

## Refrigeration Skillnet

Course Title: .....

Company Name: .....

Contact person (in case we have any queries): .....

Address: .....

.....

Telephone: ..... E-mail: .....

Please reserve course places for the following participants:

Name	Date of Birth	Course Dates	Course Fee
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....

TOTAL (EURO) .....

To reserve places, please complete this form and return it by post, together with payment, to:

Refrigeration Skillnet  
Unit 7 Northwest Centre  
Northwest Business Park  
Blanchardstown  
Dublin 15

Phone: 01 88 55 200  
Mobile: 087 764 3060  
Fax: 0818 411004  
E-mail: [info@refrigerationskillnet.ie](mailto:info@refrigerationskillnet.ie)  
Web: [www.refrigerationskillnet.ie](http://www.refrigerationskillnet.ie)

### Terms & Conditions

Places will be awarded on a first come first serve basis and will only be reserved for candidates who have paid in full. If you require an invoice to facilitate payment, please let us know.

Payment by cheque or bank draft only. No credit terms available. Cheques / drafts to be made out to Refrigeration Skillnet.

Claims in respect of any cancellation received in writing up to fourteen days prior to the course will be met in full. All cancellations thereafter will be payable in full. Substitutions may be made at any time.

We reserve the right at our absolute discretion and without further liability to cancel the course in which case payment will be refunded.