

## HAZARDS 2018

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Scottish Fire & Rescue Service

## UK Fire Service History

- ❑ 1824 The first municipal fire brigade in Edinburgh
- ❑ 1938 The Auxiliary Fire Service (AFS) formed.
- ❑ 1947 Fire Services Act
- ❑ 1948 Fire Brigades to be run by Counties and County Councils.
- ❑ 2005/6 Regulatory Reform Order 2005 & Fire Scotland Act 2005

## Introduction

- ❑ Name
- ❑ Name of Union
- ❑ Role within your union
- ❑ What you hope to get out of the session

## Reactive Rescue Service



## FAILURE



## Bradford City Fire

11<sup>th</sup> May 1985 56 dead  
Safety at Sports Grounds Act 1985



## Rose & Crown Hotel

Saffron Waldon  
26<sup>th</sup> Dec 1969 11 dead  
"Fire Precautions Act 1971"



## Kings Cross Fire

18<sup>th</sup> November 1987 31 dead

Fire Precautions (Sub-surface Railway Stations) Regulations  
1989



## Rosepark Care Home

January 2004 14 dead



## Grenfell Tower June 2017 ?



## Fire Services Act 1947

- ▣ [Offices, Shops and Railway Premises Act 1963](#)
- ▣ [Fire Precautions Act 1971](#)
- ▣ [The Fire Precautions \(Factories, Offices, Shops and Railway Premises\) Regulations 1976](#)
- ▣ [Fire Certificate \(Special Premises\) Regulations 1976](#)
- ▣ [Fire Safety and Safety of Places of Sport Act 1987](#)
- ▣ [Fire Precautions \(Sub Surface Railway Stations\) 1989](#)
- ▣ [Fire Precautions \(Workplace\) Regulations 1997](#)
- ▣ [The Fire Precautions \(Workplace\) \(Amendment\) Regulations 1999](#)

## Fire (Scotland) Act 2005 Regulatory Reform Order 2005

- ▣ Rationalised Fire Safety
- ▣ Responsibility now on owner / occupier
- ▣ Risk reduction / Fire Prevention
- ▣ No issue of Fire certificates
- ▣ Pro-Active rather than Reactive.

## Part 3 of the Fire (Scotland) Act 2005 Regulatory Reform Order 2005

### Chapter 1 - Fire Safety Duties

- ▣ Section 53 - Duties of employers to employees
- ▣ Section 54 - Duties in relation to relevant premises
- ▣ Section 55 - Taking of measures under section 53 or 54:
- ▣ Section 56 - Duties of employees

### Chapter 1 Duties

Fire Risk Assessment

Fire Action Plan

AFD Test certificate BS 5839

AFD Weekly Test

Emergency Lighting BS 5266

Fire Fighting Equipment BS 5306 extinguishers

Staff Training Induction, 6 months

### Chapter 2 Enforcement

- ▣ 61. Enforcing Authorities
- ▣ 62. Powers of Enforcing officers
- ▣ 63. Prohibition notices
- ▣ 64. Enforcement notices
- ▣ 65. Alterations notices

Fire Prevention Officer  
Fire Enforcement Officer  
Fire Safety Officer



## Fire Safety Legislation

Fire (Scotland) Act 2005  
Fire Safety (Scotland) Regulations 2006  
Regulatory Reform Order 2005

- ▣ Power to enter any relevant premise at any reasonable time to ensure compliance with the current legislation.
- ▣ Prohibition notice
- ▣ Enforcement notice
- ▣ Alterations notice

## Management of Health & Safety @ Work Regs 1999

Requires employers to carry out Risk Assessments, make arrangements to implement necessary measures, appoint competent people and arrange for appropriate information and training.

## The Health & Safety at Work etc Act 1974

The Health & Safety at work Act is the primary piece of legislation covering occupational Health & Safety in the United Kingdom.

The act sets out the general duties which employers have towards employees and members of the public, and employees have towards themselves and members of the public.

## What is a Risk Assessment?

- ▣ **Hazard:** An examination of the work and workplace to identify what could cause harm to people
- ▣ **Risk:** An assessment of the chance, high or low, that somebody could be harmed by the hazards identified, together with an indication of how serious the harm could be

## The Five Steps to Risk Assessments

Identify the Hazard	<b>H</b>
Decide who might be harmed	<b>H</b>
Evaluate the Risks	<b>E</b>
Record your Findings	<b>R</b>
Review your Assessment	<b>R</b>

## The Fire Safety Risk Assessment

Assessment of those persons at risk from fire.	<b>H</b>
Identify ignition sources	<b>H</b>
Reduce the severity of the risk to people through Risk Reduction	<b>E</b>
Record the fire risk assessment	<b>R</b>
Review of the Fire Risk Assessment	<b>R</b>

## What is a Fire Risk Assessment?

A Fire Safety Risk Assessment looks at the premises, the activities carried out on the premises and the potential for a fire to occur and the harm it could cause

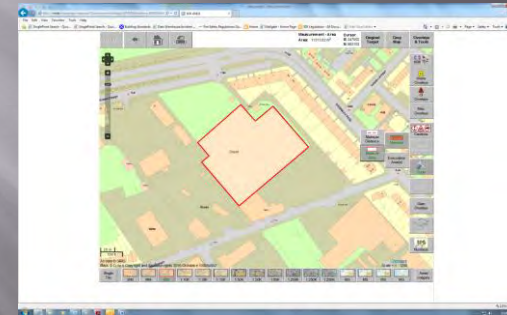
## Emergency Fire Action Plans

- ▣ How people will be warned if there is a fire?
- ▣ What staff should do if they discover a fire?
- ▣ What staff should do in the event of a fire?
- ▣ The arrangements for calling the Fire and Rescue Service;
- ▣ The specific action to be taken by the person in charge when the fire alarm activates or a fire is discovered;
- ▣ The procedure to be followed to evacuate the premises, taking into account any personal emergency egress plans;
- ▣ Where persons should assemble or be taken after they have left the premises and procedures for checking whether the premises have been evacuated;
- ▣ Arrangements for fighting fire by staff trained in the use of portable fire extinguishers;
- ▣ Any processes, machines or power supplies that need to be stopped or isolated if there is a fire; and
- ▣ Procedures for meeting the Fire and Rescue Service on its arrival and notifying it of the circumstances of the incident, whether all persons are accounted for and the presence of any special dangers.

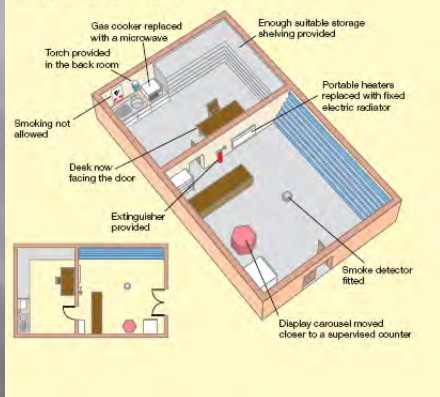
Before a fire-risk assessment



## Case Study



After a fire-risk assessment

















## Prohibition Served

- ❑ Removal of all waste products
- ❑ IEE & PAT testing of all electrical goods
- ❑ Installation of alarm system
- ❑ Installation of emergency lighting & signage.
- ❑ Fire Risk Assessment carried out
- ❑ Firefighting equipment provided.
- ❑ Staff training carried out.

## Grenfell Tower





## Building Regulations (Scotland)

- ▣ Cladding: the new rules
- ▣ 11 February 2000
- ▣ A fatal fire in a Scottish tower block last year triggered a review of cladding systems. As a result, the Building Regulations may be amended. What will it mean for manufacturers, installers and specifiers?
- ▣ At midday on 11 June 1999, a fire started in a flat on the fifth floor of Garnock Court, a 14-storey residential tower in Irvine, Ayrshire. Within minutes, it burst through the window of the flat. Seconds later, onlookers reported that a vertical ribbon of cladding on one corner of the block was ablaze. Ten minutes after that, the flames had reached the 12th floor. As the fire took hold on the outside of the building, it began to break into the flats above. By the time the fire brigade arrived, the nine upper floors of the building were engulfed in flames.

## Union Court



## Union Court Paisley



## Union Court



Union Court



Union Court



Union Court



Union Court



## Union Court



## Union Court



## Union Court



## Union Court

