Raising the Bar
Competence for Building a Safer Future

Ian Moore
Chief Executive Officer
Fire Industry Association
Fire Industry Association (FIA)

- Largest fire protection trade association in Europe
- Not-for-profit organization
- Major provider of fire safety training
- Represent our members, promote and help shape legislation and the professional standards of the fire industry
- Provide technical support
- Lead trade mission overseas
- FIA members must have third party accreditation
- Registered by OFQUAL as an Awarding Organisation. Nationally recognised to QCF level 3 (A Level equivalent).
- Over one hundred working groups that help define standards (British and European) and best practice in many areas of fire safety.
- Invest surplus money in Research projects.
Events effecting change

London
1666 – 6 died

Lakanal House
2009 – 6 died

Grenfell Tower
2017 – 72 died
What affect will it have on the Fire Industry?

• Cultural change?
• Distorts statistics
• Public confidence?
• Demand for competency?
Defining Competence

- Dame Judith Hackitt’s Independent Review of Building Regulations and Fire Safety: final report - the word “competence” is used 152 times
- How do you define competence?
- We all like to think we are competent but how do we prove to others?
- How do we define in what areas we are competent.
- To date there is no requirement of in many areas of fire safety
13 (3) (b) “The responsible person must, where necessary ... nominate competent persons to implement those measures and ensure that the number of such persons, their training and the equipment available to them are adequate.”

13 (4) “A person is to be regarded as competent ... where he has sufficient training and experience or knowledge and other qualities to enable him properly to implement the measures referred to.”
Top 25 Expensive Fines for Fire Safety Breaches of the Regulatory Reform (Fire Safety) Order 2005

25. Gurpartap Singh Bhullar – £20,250
24. Cumberland Court Limited – £22,000
23. Hekmat Kaveh – £24,000
22. Mill House Inns (Trading) Limited – £25,000
20. Trainmerit Limited – £28,000
19. The Monckton Coke & Chemical Co – £30,000
18. DM Care Limited – £35,000
17. Graham Sawings – £36,000
16. Chescombe Limited – £40,000
15. Daniel Hersheson – £40,000
14. Asda Stores Limited – £40,000
13. Brian Silvester – £45,000
12. Morven Healthcare Limited – £45,000
11. Greggs – £50,000
10. Poundstretcher – £51,500
9. Hallmark Hotel Group – £75,000
8. Tesco PLC – £95,000
7. Douglas and Gordon Limited – £100,000
6. The Atomic Weapons Establishment – £200,000
5. The Radnor Hotel – £200,000
4. The Chumleigh Lodge Hotel – £210,000
3. The Co-operative Group – £210,000
2. Shell International – £300,000
1. New Look – £400,000
Defining Competency

- Listed on a register
- References / reputation / experience
- Personal Qualification/s
- Company Certification
- Product Compliance
- How will BREXIT affect these qualification/compliance etc.
Product Certification

- A Europe-wide study conducted by the International Federation of Inspection Agencies (IFIA) has revealed that nearly 80% of products tested bearing the CE-mark through self-declaration of conformity (SDoC) did not comply with EU regulations. The survey also found that 16% of products showed safety-critical failures, resulting in a high risk of shock or fire. This compares to less than 1% for products with third-party accredited certification.

- IFIA recommends that for sensitive and high-risk products, a more robust approach that relies on independent third party testing and certification should be taken to ensure that products placed on the market are safe, compliant and sustainable.
Skilled Labour Recruitment
Apprentices

Training Last year

Training Next year
Tenders Requiring 3rd Party Cert.
Home Office endorsement of 3PC

"Third-party certification schemes for fire protection products and related services are an effective means of providing the fullest possible assurances, offering a level of quality, reliability and safety that non-certificated products may lack. This does not mean goods and services that are not third-party approved are less reliable, but there is no obvious way in which this can be demonstrated”

Quality assurance of fire protection equipment and installation, Section 8 (Home Office)
“Third-party quality assurance can offer comfort both as a means of satisfying you that goods and services you have purchased are fit for purpose, and as a means of demonstrating that you have complied with the law.”

Quality assurance of fire protection equipment and installation, Section 8 (Home Office)
Fire & Rescue Service endorsement of 3PC

“Both the Scottish Government and the Scottish Fire and Rescue Service recommend that duty holders who wish to contract the services of external fire safety risk assessors verify that the assessor is competent in fire risk assessment.”

“One way of verifying the competence of an individual assessor is to select the assessor from a list of competent fire risk assessors maintained by a professional body or a UKAS accredited third party certification body.”

“Another way is to use the services of companies, including sole traders, that are third party certificated under appropriate schemes operated by certification bodies that have, themselves, been UKAS accredited as competent to certificate against such schemes.”
<table>
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<th>Area of Work</th>
<th>Schemes</th>
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<td>Fire Risk Assessment</td>
<td>IFC Fire Risk Assessment Scheme</td>
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<td>BAFE SP205</td>
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<td>Fire Detection and Alarm Systems</td>
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<td>Warrington FIRAS</td>
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<td>Fire Doors</td>
<td>IFC</td>
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<td>Warrington FIRAS</td>
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Nationally recognized qualifications in Fire Detection and Alarm Systems

QCF Level 3
Third Party Certification – how does it work?

Board

Council

Monitoring Group
Responsible for developing / Monitoring the scheme

The Scheme
Set of requirements that have been developed to incorporate the high quality standards and competences for services or products within the fire protection industry

Certification Bodies
(NSI, SSIAB, IEC, Certsure)

Designers
Installers
Commissioners
Maintainers
Fire Risk Assessors

UKAS
Checking that the Certification Body is inspecting properly against the scheme

Loss Prevention Standard
LPS 1014: Issue 5.3
Requirements for certificated fire detection and alarm system firms

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So – what does good look like?

Company Certification

Personal Qualification

Register of Competence

Training Delivery

Industry Trainers
**LPCB**

**Loss Prevention Standard**

LP1014: Issue 5.3

Requirements for certificated fire detection and alarm system firms.

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**BAFE**

**Modular Scheme**

SP203 - Part 1

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**Do you have a CSCS card?**

**electrotechnical certification scheme**

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**Industry Trainers**

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**TECHNICAL TRAINING SOLUTIONS**

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**NAPIT training**

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**TRADE SKILLS 4 U**

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**PREMIER Training services**

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Manufacturer's Training

Industry Trainers

Fixed Gaseous Fire Suppression Systems
Scheme No. SP203-3

BAFE® Registered Schemes

LPcB®
Loss Prevention Standard
LPS 1204: Issue 3.1
Requirements for firms engaged in the design installation, commissioning and servicing of gas extinguishing systems

Do you have a CSCS card?
electrotechnical certification scheme

F-GAS CERTIFICATION FOR INDIVIDUALS
Fire Industry Association

Department for Environment, Food and Rural Affairs
BAFE® Registered Schemes

Emergency Lighting Systems
Scheme No. SP203-4

FIRE EMERGENCY AND SECURITY SYSTEMS TECHNICIAN

Overview of the role:
Designing, installing and maintaining electronic systems to protect businesses, homes and properties against fires, break-ins and other emergencies.
Manufacturer's Training

Industry Trainers

LPCB

Loss Prevention Standard
LPS 1048: Issue 5.0
Requirements for the approval of sprinkler system contractors in the UK and Ireland

Do you have a CSCS card?

Electrotechnical certification scheme

Manufacturer's Training

bafsa LEVEL 2 QCF

bafsa LEVEL 2 QCF
UK Fire Industry products post BREXIT
Content

Introduction to the issues, specifically:

• The EU Construction Products Regulation (CPR)

• EU Notified Body’s role in CPR product certification

• How the BREXIT outcomes could affect the acceptance of products
Introduction

As Britain prepares to leave the EU it has never been as important as it is today, to ensure that those involved in the manufacturing or distribution of Construction Products assess the risks to their businesses.

Why?
• Current EU product certification by a UK Notified Body may be at risk
• Potential of recertification of products to a tight deadline
• High cost implications with disruption to business
• Lack of clarity in how BREXIT will affect our industry
Fire Product Certification – Global
EU Construction Products Regulation (CPR)

- Construction Products Directive (CPD) was introduced in 1989
- Construction Products Regulation (CPR) replaced the CPD in 2011
- The CPR is intended to remove technical barriers to the trade of construction products in the European single market
- It places obligations on manufacturers, distributors and importers of construction products when these products are placed on the market
- CPR requires products to have CE marking with a Declaration of Performance (DoP) if it is to be placed on the market in the European Economic Area
CPR Product Marking requirements

Typical CE marking on EN54 heat and smoke detectors

CE logo

0123

Number of the EU Notified Body

0123-CPR-001

Certificate number (i.e. number of an EU Notified Body-CPR-Serial number)

This is additional to the marking required by the appropriate part of the standard e.g. EN54-5, EN54-7
Product Compliance Conclusions

• **X** days to go and we really do **NOT** know what BREXIT will mean to manufacturers

• we cannot assume that the BREXIT negotiations will allow us continued access to UK based notified bodies, or other mutually recognised bodies, to provide conformity assessment required by EU legislation

• We must prepare in the absence of any transitional agreement, so that products can continue to be placed on the EU market

• We must prepare for the eventuality that previously relied on conformity assessments carried out by a UK Notified Body will no longer be acceptable

• Ensure ‘Plan B’ is in place to prepare for business as normal in the EU
The importance of third party certification in effecting change - In conclusion

Dame Judith demanded cultural change and rightly so.
Certification schemes for products are in place
Certification schemes for companies are in place
Certification of qualified persons for some disciplines are in place

We cannot emphasise enough how important it is for the fire industry as a whole to be behind this and the FIA will continue to promote third party certification of companies and personal qualifications as the best means of demonstrating competency.
Ian Moore
Chief Executive Officer
Fire Industry Association

Thanks for listening!