

BB7
FIRE SAFETY ENGINEERING

www.bbseven.com

PAS 7: 2013 – Fire Risk Management Systems Specification

By Ben Bradford BSc Hon's MSc MBA CEng FRICS FIFireE FCIBSE
Email: benbradford@bbseven.com

 National Housing Maintenance Forum


www.bbseven.com

BB7
FIRE SAFETY ENGINEERING

www.bbseven.com

Objective

- Who are BB7
- What is PAS 7
- Why PAS 7
- How will PAS 7 work?
- When will PAS 7 be published?
- Who involved?



www.bbseven.com

BB7
FIRE SAFETY ENGINEERING

We've demonstrated competence

www.bbseven.com

**FIRST IN THE UK
TO GAIN QUALITY
ASSURANCE
CERTIFICATION
FOR OUR FIRE
RISK ASSESSMENT
SERVICES**

 **fracs**

**BEST
CHOICE**

BB7 were the **first company in the United Kingdom** to obtain **Quality Assurance Certification** of Companies Offering Life Safety Fire Risk Assessment Services. BB7 has demonstrated to Warrington Certification, technical and management competencies to undertake life safety fire risk assessments as required by, The Regulatory Reform (Fire Safety) Order 2005, The Fire Safety (Scotland) Regulations 2006 and The Fire Safety Regulations (Northern Ireland) 2010 and is now **listed as a certified company**.

www.bbseven.com

BB7
FIRE SAFETY ENGINEERING

OUR PROJECTS

www.bbseven.com



www.bbseven.com

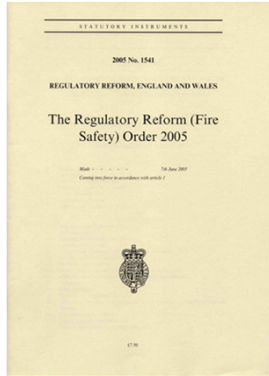
What is PAS 7?

- Publically Available Specification
- Published by British Standards Institution
- It's a Fire Risk Management Systems Specification
- Will it become a British Standard?
- Could it become an International Standard?

Impact of Fire Safety Law?



Legislation in it's infancy



Fire Risk Assessors - Anyone can do it?



BB7
FIRE SAFETY ENGINEERING

It's a cowboy market

www.bbseven.com



But they don't come dressed like this!

www.bbseven.com

BB7
FIRE SAFETY ENGINEERING

www.bbseven.com

Legal Liabilities



www.bbseven.com

Cost of Non-compliance



“It is not injury, but the risk posed if there was to be a fire, which is triggering prosecution”.

Prosecution risks?

•Shell International Limited - Crown Court, June 2009 – *Two small unrelated fires occurred, no one was injured.*

•Co-operative Group Limited - Crown Court, April 2010 - *no fire, and no one was injured.*

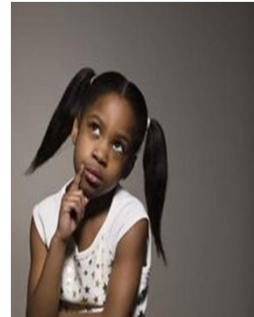
•New Look - Court of Appeal, November 2009 – *Was a fire, but no one was injured*





Why PAS 7?

- There is life beyond article 9
- Fire Risk Management is a much broader discipline than simply FRA's.
- Fire Risk Assessments are a means to an end, but not an end in themselves.
- The value of a Fire Risk Assessment is dependent on the organisations ability to manage the outcomes.



Management is fire safety's **missing link**, and the **final frontier**.





www.bbseven.com

Fire Risk Management

•PAS 79 stated “Fire Safety Management must be regarded as of equal importance to fire protection measures” – Colin Todd

•A building with first rate fire protection measures yet poor management, may pose a greater risk than a building with limited fire protection measures and good management. – Yours truly

•In order to demonstrate that an improved level of Fire Safety Management will reduce risk, we need a credible means of measuring Fire Risk Management



www.bbseven.com



www.bbseven.com

Management can make a difference

The deaths of 14 elderly residents in a care home blaze could have been prevented!



www.bbseven.com



BB7
FIRE SAFETY ENGINEERING

www.bbseven.com

Inquiry Concluded

The management of fire safety at Rosepark was systematically and seriously defective

“The deficiencies in the management of fire safety at Rosepark contributed to the deaths in that a number of key circumstances would have been quite different if there had been an adequate system of fire safety management



www.bbseven.com

BB7
FIRE SAFETY ENGINEERING

www.bbseven.com

The Cost of risk mitigation?



I AM A VICTIM OF
MY OWN ADMINISTRATION



training



www.bbseven.com

BB7
FIRE SAFETY ENGINEERING

www.bbseven.com

Managing Fire Engineered Buildings

- Most modern buildings are now designed with an element of Fire Engineering.
- Fire Engineered buildings may require increased levels of fire risk management.
- Sadly Building Control Bodies are not enforcing Regulation 38 as actively as they should be.
- Fire Safety information must be maintained for the benefit of building managers.



www.bbseven.com

BB7
FIRE SAFETY ENGINEERING

www.bbseven.com

Management System Levels

- How can we determine a management system level without defining what a management system is?
- Cart before the horse?
- An enforcing body may deem that management level 3 system will not meet the legislative requirements?
- Some say Management Level 1 is unachievable and others say level 3 does not achieve compliance?
- General approach assumes management as an acceptable norm but what is an enhanced system?

And what about Management System Certification?



www.bbseven.com

BB7
FIRE SAFETY ENGINEERING

Question
www.bbseven.com

Have you formalised your organisation's fire risk management strategy?

Or are your systems, procedures and fire risk management practices inconsistent and haphazard across your organisation?

www.bbseven.com

BB7
FIRE SAFETY ENGINEERING

www.bbseven.com

Policy, Strategy, Procedure

- Strategic Fire Risk Management begins with **POLICY**, but **STRATEGY** works and policy doesn't!
- Policy is the guiding principle, the **overarching statement** of intent, the **(What & Why)**.
- Fire Risk Management Strategy is the **(How, When and Who)** which will successfully **implement policy** and enable organisations to more comprehensively demonstrate compliance with the articles of the RRO.



www.bbseven.com

BB7
FIRE SAFETY ENGINEERING

www.bbseven.com

DOCUMENTING FIRE RISK MANAGEMENT STRATEGY

7 Core components of an FRMS

- Context of the Organisation
- Leadership
- Planning
- Support
- Operation
- Performance Evaluation
- Improvement

FIRE RISK MANAGEMENT STRATEGY
Prepared On Behalf of
SMITH CORPORATION

Date: []/ []/ []
Author: []
Ref: []

www.bbseven.com

BB7
FIRE SAFETY ENGINEERING

www.bbseven.com

DOCUMENTING FIRE RISK MANAGEMENT PROCEDURES

Strategic Fire Risk Management

- Fire Risk Assessment
- Resources & Authority
- Fire Safety Training
- Work Control
- Maintenance & Testing
- Communication
- Emergency Planning

FIRE RISK MANAGEMENT STRATEGY
Prepared On Behalf of
SMITH CORPORATION

Date: []/ []/ []
Author: []
Ref: []

www.bbseven.com

BB7
FIRE SAFETY ENGINEERING

www.bbseven.com

Build your system, share our knowledge

Pre-assessment of current Fire Risk Management System + Document policy, strategy and procedures + Maintain FRM system while delivering FRA's and training. = Hand maintenance of system over to client and begin auditing

www.bbseven.com

BB7
FIRE SAFETY ENGINEERING

www.bbseven.com

AUDITOR PROCESS

Initial Planning Meeting

- Determine objectives, scope, timing, and resources
- Process Discussions
- Information gathering
- Relationship building

Fire Risk Management Audit - Fieldwork

- Review organisations Fire Risk Management Strategy
- Test processes and controls, analysis hazards and risks
- Interview Duty Holders
- Direct observation via sampling
- Shadowing

Reporting Benchmarking & Certification

- Communication audit results to audit client, management and stakeholders.
- Develop Draft Report
- Collaborative Review
- Management Responses
- Report Distribution


www.bbseven.com

BB7
FIRE SAFETY ENGINEERING

www.bbseven.com

Benefits of PAS 7

1. PAS 7 will compliment the Management Systems approaches in ISO 9001, OHSAS 18001, ISO 14000 and will **become a Certification Scheme**.
2. PAS 7 can **integrate with the established and internationally accepted Health & Safety/Business Continuity management systems**.
3. Fire Safety Managers role, resource needs, and authority will be more clearly communication throughout the organisation through stakeholder involvement.
4. Organisations which achieve PAS 7 Certification are less likely to be the focus of Fire Authority Inspection.



www.bbseven.com

BB7
FIRE SAFETY ENGINEERING

www.bbseven.com

Who's on the PAS 7 - Steering Group?



www.bbseven.com

Critical Insights so far.....

- An understanding of the difficulties of evaluating fire safety management without a formalised system.
- A clearer insight what influences and drives fire risk management behaviour at an organisational level.
- Recognition of the spectrum of compliance behaviour among sectors

By looking beyond symptoms we see causes such as:

- The importance of engaging stakeholders
- Communication of Fire Safety Managers role, and resource needs.
- Where the Fire Safety Manager sits in the organisation can impact upon his ability to keep up with the pace of change.



Happy to take questions?

For PAS pilot project enquiries
please email:

benbradford@bbseven.com

