

**Fire Protection Association Australia
and Standards Australia Present:**

The All New AS1851 Maintenance of Fire Protection Systems and Equipment

**How will major changes to
this standard affect you?**

A seminar to update fire safety practitioners, building owners, their agents and maintenance managers on the fully revised AS1851 Standard for Maintenance of Fire Protection Systems and Equipment.

Presented by speakers who had a first hand contribution in developing the all new AS1851.

Brisbane Wednesday 21 September 2005

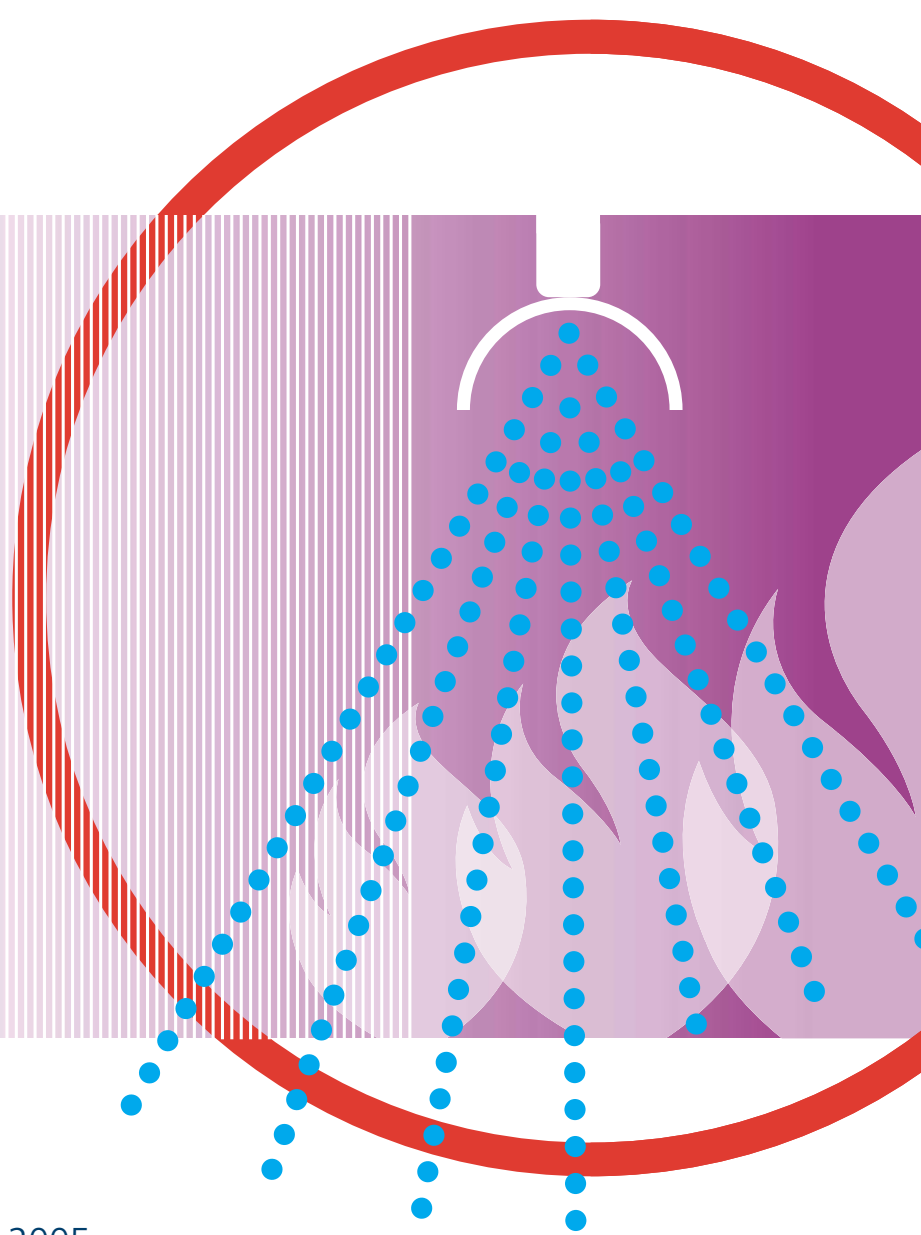
Sydney Thursday 22 September 2005

Perth Tuesday 27 September 2005

Adelaide Thursday 29 September 2005

Melbourne Tuesday 4 October 2005

Hobart Wednesday 5 October 2005



When & Where Program

Brisbane **Wednesday 21 September 2005**

Brisbane Convention & Exhibition Centre
Cnr Merivale and Glenelg Streets
South Bank, Brisbane
T: 07 3308 3000
Venue Car Parking - \$10.00 per exit

Sydney **Thursday 22 September 2005**

Mercure Hotel Sydney Airport
20 Levey Street, Wolli Creek
T: 02 9518 2000
Venue Car Parking - \$6.00 per day

Perth **Tuesday 27 September 2005**

Mercure Hotel Perth
10 Irwin Street, Perth
T: 08 9326 7000
Venue Car Parking - Limited

Adelaide **Thursday 29 September 2005**

Mercure Grosvenor Hotel Adelaide
125 North Terrace, Adelaide
T: 08 8407 8888
Venue Car Parking – Blyth Street
Car Park

Melbourne **Tuesday 4 October 2005**

The Manningham
1 Thompsons Road, Bulleen
T: 03 9850 5555
Venue Car Parking - Complimentary

Hobart **Wednesday 5 October 2005**

WrestPoint Tasmania
410 Sandy Bay Road, Sandy Bay
T: 03 6225 0122
Venue Car Parking - Complimentary

Enquiries: **FPA Australia**

PO 1049, Box Hill VIC 3128
T: 03 9890 1544
F: 03 9890 1577
E: events@fpaa.com.au

0830 - 0900 **Registration & Coffee**

0900 - 0910 **Welcome and Introduction**

Seminar outline and purpose
Barry Lee OAM

0910 - 0940 **Development of AS 1851**

Background, Front-end, concepts, regulation
David Michel – Standards Australia

0940 - 1020 **AS 1851 – Section 1**

New material and technologies
Barry Lee OAM

1020 - 1050 **Morning Tea/Coffee**

1050 - 1130 **AS 1851 Section 2 - Sprinklers**

General and residential sprinklers, combined systems, drenchers and deluge systems.
Roger Thomas – Wormald

1130 - 1200 **AS 1851 Sections 3 to 5 – Pumps & Hydrants**

Fire pumpsets, hydrants and lay flat hose
Barry Lee OAM

1200 - 1230 **AS 1851 Sections 6 to 10 - Alarms**

Fire detection, alarms, monitoring, sound and intercom systems for emergency purposes
Ralph Garbutt

1230 - 1320 **Lunch**

1320 - 1350 **AS 1851 Sections 11 to 13 – Special hazard**

Gaseous fire extinguishing systems, water mist systems and aerosols
Roger Thomas – Wormald

1350 - 1420 **AS 1851 Sections 17 & 19 Passive and EVAC**

Fire doors, shutters, smoke doors, windows, access panels, ducts & dampers, fire stopping & penetrations and emergency evacuation procedures
John Rakic – J-Rak Consulting

1420 - 1440 **AS 1851 Sections 14 to 16 – First aid equipment**

Extinguishers, hose reels and blankets
David Michel – Standards Australia

1440 - 1510 **AS 1851 Section 18 Smoke control**

Smoke control and HVAC systems
John Rakic – J-Rak Consulting (Perth, Adelaide and Hobart seminars)
Simon Hill – Professional Engineering Solutions (Brisbane, Sydney and Melbourne seminars)

1510 - 1540 **Afternoon Tea/Coffee**

1540 - 1600 **AS 4655 – Fire safety audits**

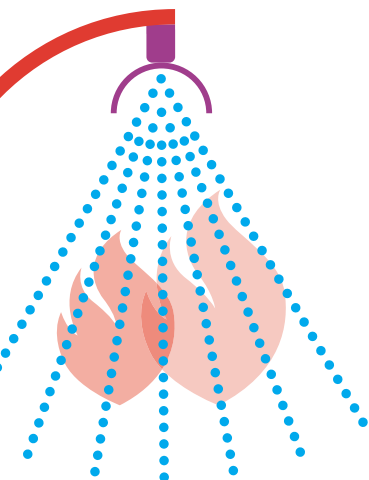
Features of the fully revised AS 4655 fire safety audits Standard, referenced by AS 1851
Ralph Garbutt

1600 - 1650 **Open forum**

Panel discussion on fire safety issues relating to maintenance and fire audits

1650 - 1700 **Closing address**

Barry Lee OAM



Speakers

Ralph Garbutt has been in the fire protection industry for over 40 years during which he was engaged in most facets of fire detection and protection. Ralph is currently employed as a Director of Resource Risk Management, a risk mitigation consultancy focused on fire, security, environment, OH&S and business continuity.

Ralph is a member of Standards Australia Fire Protection Standards Co-ordinating Group and also participates in a number of Standards Australia technical committees. These include FP-001 Maintenance of Fire Systems and Equipment, FP-002 Fire detection, warning, control and intercom systems, FP-011 Gaseous fire extinguishing systems, FP-021 Fire safety audits and chairs FP-022 Fire Protection of Mobile and Transportable Equipment.

Ralph is also a member of the FPA Australia's National Technical committee's TC2 Alarms, TC4 Sprinklers and former chair of TC11 Special Hazards. Ralph is a former recipient of the Association's A.V. Viscogliosi Award for excellence and outstanding service to the fire industry.

Simon Hill is the Principal of Professional Engineering Solutions – a consulting engineering business in mechanical building services. He has over 30 years experience in mechanical services design, installation, commissioning and maintenance, with particular expertise in smoke control of multi-compartment buildings. Prior to establishing his own consulting practice he was Engineering Manager of a national HVAC contracting firm.

He is a member of the Society of Fire Safety, and was involved in its successful inauguration in NSW in 1996. Simon is also a Fellow of the Australian Institute of Air-conditioning Refrigeration & Heating (AIRAH), a member of the NSW Division Committee. He has been on the board of AIRAH's National Council and was recently president of the NSW Division.

Simon Hill represents AIRAH on Standards Australia Committee ME-62, responsible for Mechanical Ventilation and Air Conditioning standards. He is Chairman of the Subcommittees that prepared the following Australian Standards:

- AS/NZS 1668 Part 1: Fire and smoke control in multi-compartment buildings
- AS 1682 Parts 1 & 2: Fire Dampers
- AS 1851 Part 6: Management procedures for maintaining fire and smoke control features of HVAC systems

For the last year, Simon Hill has been a joint presenter of the AMCA Fire & Smoke Damper Installation & Certification Course in NSW, an initiative by the AMCA to educate the industry on the correct procedures for installing and certifying Fire & Smoke Dampers.

Barry M Lee, OAM, Dip Mech E, FI Fire E (Lond), MRSH
Fellow Society of Fire Protection Engineers, USA

Technical Consultant (formerly Technical Director) Tyco International Pty Limited. Past President Australian Industrial Research Group, Fire Protection Industry Association, Fire Protection Association Australia and Institution of Fire Engineers (NSW Branch). Member DNVQA Governing Board and Australian Technical Committee, Lloyd's Register of Shipping. Deputy Chairman, Industry Liaison Committee - Fire Code Reform.

Currently chairman, Fire Protection Standards Co-ordination Group and Technical Committees on Maintenance of Fire Protection Systems and Equipment, Automatic Sprinklers, and Fire Service Pumps. Member of Standards Australia Council, Standards Development Board and Building Standards Sector Board. Represents Australia on ISO Technical Committee 21 and chairs ISO/TC 21/SC 8, Gaseous Fire Extinguishing Systems. Director, Fire Protection Association Australia.

David Michel is Projects Manager and Standards Writer at Standards Australia and has been the senior member of the Fire Group for ten years. The Fire Group is responsible for some 180 fire and fire related standards. David joined Standards Australia in 1995 following two years at CSIRO involved in fire safety assessments and alternative fire engineered solutions together with smoke testing to validate computer modeling. David spent some fifteen years in the general insurance industry involved in property inspections and risk management. David is Secretary to Standards Australia's Technical Committees FP-001 (Fire Protection Maintenance), FP-004 (Sprinklers) FP-005 (Reporting fires), FP-018 (Fire Safety) and FP-020 (Bushfires). David is also Executive Officer of the Fire Standards Coordination Group (FSCG), that reports to the Building Standards Sector Board. The FSCG oversees the planning and development of activities within the Technical Fire Committees.

John Rakic MBA, MFSE, BE(Mech) hons
Principal of J-RAK Consulting, and Executive Officer of Alliance for Fire & Smoke Containment (PFPA)

John helped found the Alliance for Fire & Smoke Containment in early 2002 and is the driving force behind the organisation. He has been involved with Passive Fire Protection since the early 1990's, having worked previously for large manufacturers of products in this area such as James Hardie, Tyco (now Trafalgar) and Lorient, before starting his own specialist consultancy company in this area and of course forming the Alliance. John is also heavily involved in FPA Australia, having been Convenor of the National Technical Committee TC18 (Passive) for over 10 years, as well as being a member of the National Technical Advisory Committee to the Board, since its inception.

John is well known within the Fire Protection industry having been heavily involved with Regulatory Reform initiatives such as BCA development, Training Accreditation and Licensing initiatives, as well as heavy involvement in the Standardisation process.

Standard involvement includes:

- Australian National Delegate to International Standards committee ISO TC92 (Fire & Smoke Containment)
- American ASTM TG 5.21.34 - Wildfires
- FP18 - Fire Testing
- FP19 - Passive Fire and Smoke Containment
- FP20 - Bushfires - fire testing and acceptable products sub committees
- ME62 - Mechanical Ventilation and Air Conditioning
- FP19/1 - Chair (recent appointment) - fire doors
- FP19/2 - Chair - fire resistant roller shutters
- FP19/5 - Smoke Doors
- ME62/1 - Fire and smoke dampers

Roger Thomas is the Technical Manager of Wormald in Australia and also responsible for the introduction of new fire protection systems and technologies.

He is a member of the Society of Fire Protection Engineers and participates in a number of Australian Standard technical committees including FP/04 Automatic Sprinklers, FP/01 Fire Systems Maintenance and FP/11 Gaseous Fire Extinguishing Systems. Roger is chair of FPA Australia's TC/4 Sprinkler technical committee and member of the National Technical Committee, and in 2004 he was also elected to the board of the Fire Protection Association.

One of Roger's responsibilities has been to participate in the United Nation's International Maritime Organisation (IMO) Fire Protection Sub-Committee meetings in London in 1995, 1996, 1997 and 1998 as a Technical Adviser to the Australian delegation.

Registration Form/Tax Invoice

Yes! I wish to attend:

- Brisbane Wednesday 21 September 2005
- Sydney Thursday 22 September 2005
- Perth Tuesday 27 September 2005
- Adelaide Thursday 29 September 2005
- Melbourne Tuesday 4 October 2005
- Hobart Wednesday 5 October 2005

Your Investment:

- FPAA/SAI Members \$295
- Non-members \$330
- Multiple (5 or more people) \$275 each
- Distance* \$245
- Additional CD of speaker presentations \$85

* Must reside at least 200km from nearest seminar

Cost includes catering and CD of speaker presentations.

Payment in full must be received no later than 7 business days before commencement to secure your place. A Tax Invoice will be mailed as confirmation of your application. All prices are GST inclusive.

Name: _____

Company: _____

Address: _____

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Tel: _____ Fax: _____

Email: _____

Amount \$: _____

Method of Payment

- Cheque enclosed payable to FPA Australia
- Bankcard Visa Mastercard Amex

Card No: / / / Exp.Date: / /

Cardholders Name: _____

Signature: _____

Please fax your registration form with credit card details to 03 9890 1577

Or mail your registration form with accompanying cheque to:

FPA Australia PO Box 1049 BOX HILL Victoria 3128

T: 03 9890 1544 F: 03 9890 1577 E: events@fpaa.com.au

ABN: 30 005 366 576

Email events@fpaa.com.au for a PDF version of this brochure.

Refund Policy

If more than 7 days notice is provided, a full refund will be made, less a \$44 administration fee. In all other cases, no refund will be made. Substitutions are permitted.

Why this seminar?

Building owners and their agents, maintenance managers, contractors and technicians will benefit and gain a first-hand understanding of the development of the long awaited and fully revised AS 1851-2005 Standard and how the previous sixteen parts have been consolidated into one document.

Important new provisions in the 260 page Standard include a comprehensive coverage of all systems and equipment from extinguishers to fixed system gaseous units. An expanded sprinklers section, interface of systems, an emphasis on records and documentation are some of the major developments. The key to the new AS 1851 Standard is contained in the specially designed schedules that provide the detail for the maintenance work. The schedules, in easy to read table format, provide the actions necessary to achieve system reliability and functionality and also provide a convenient frequency of activity and pass/fail criteria.

Who should attend?

- Fire System Designers
- Estimators
- Installation Contractors
- Building Consultants
- Construction Engineers
- Building Surveyors
- Fire Prevention Engineers
- Insurance Assessors and Loss Adjusters
- Risk Management Consultants
- Fire Servicing Companies
- Electrical Contractors
- Maintenance Contractors
- Real Estate Management
- Strata Title Management

