



ASH
PASSIVE FIRE SOLUTIONS

C A P A B I L I T Y S T A T E M E N T



ASH PASSIVE FIRE SOLUTIONS

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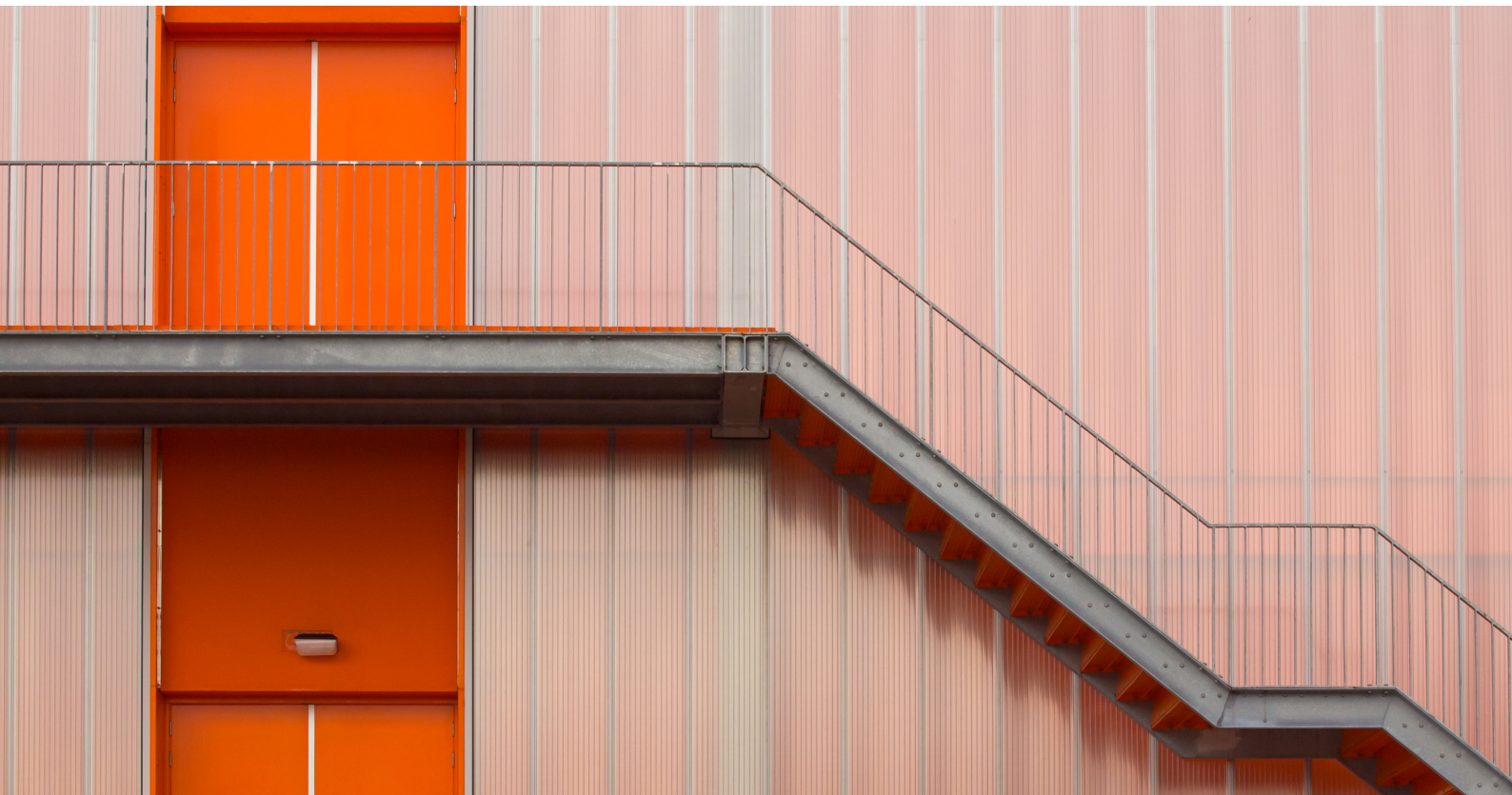
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WHO ARE ASH PASSIVE FIRE SOLUTIONS?

Ash Passive Fire Solutions are experts in the passive fire protection industry, providing comprehensive and cost-effective solutions to a wide range of fire rating needs.

Ash Passive Fire Solutions NSW is a privately-owned NSW company with a combined experience of over 50 years in Passive Fire Protection. Ash Passive Fire Solutions NSW is a sustainable business partner with significant resources including project managers, licensed employees (including contractor & carpentry), project management and administrative support with a strong commitment to Compliance with the requirements of the National Construction Code (NCC) and relevant Australian Standards as well as a firm commitment to maintaining high quality workmanship.

Our thorough technical understanding of industry requirements and regulations enables us to deliver superior quality work that ensures compliance first time. We have extensive experience across a range of industry sectors including Commercial, Residential, Medical, Industrial and Government. We possess the skills and knowledge to achieve the required Fire Resistant Levels (FRL's) regardless of size or complexity.



SERVICES

We offer a complete suite of passive fire protection services including:

- Installation
- Inspection & Certification
- Creation of Baseline Data
- Audits & Report Compilation
- Maintenance - including creation of an Ash Maintenance Program to comply with current legislation
- Rectification
- Technical, Legislative & Quality Assurance (QA) Consultation

All products and materials that we endorse, specify or use are tested and approved in accordance with relevant Australian Standards. We can help specify the right passive fire protection system using products from all of the leading manufacturers including TBA FireFly, Promat, Trafalgar, Knauf, CSR and Boral.

INSTALLATION

Ash Passive Fire Solutions NSW installs passive fire equipment in any new or existing building.

- Installation and certification of Fire and smoke elements – vertical and horizontal including walls, floors, ceilings, access panels and hatches.
- Protection of beams, columns, girders, trusses etc.
- Installation and certification of Fire resistant doorsets, hinged and pivoted and horizontal sliding doors, including smoke doors, Fire shutters, Fire rated glazing and Ducts and Dampers.

INSPECTION & CERTIFICATION

We perform both QA and audit inspection and certification of new and existing buildings.

- Fire rating inspections and certifications to ensure all passive fire aspects of the building are compliant with the highest possible quality.
- Our passive fire inspection report outlines critical and non-critical defects and records all assets relevant to the passive fire protection log.

RECTIFICATION & MAINTENANCE

Our commitment is to provide a quality service that meets client expectations regarding building compliance and occupant safety. Services include:

- Fire resisted doors, windows, shutters and access panels.
- Fire and smoke barriers such as fire rated walls, block works walls, fire rated ceilings, cavity fire barriers and fire dampers.
- Fire stopping elements such as fire rated board encasements, fire collars, construction joint seals and switch box penetration seals.

AUDITS & REPORT COMPILATION

During our compliance/essential services inspection, we are able to determine the compliant and non-compliant works. We also provide a comprehensive report outlining the critical and non-critical defects, together with rectification works required to bring everything up to code and our overall price to complete these works. This full itemised audit report is complete with cost analysis and photographic evidence.

EXPERTISE

Ash Passive Fire Solutions NSW has the required industry experience and expertise to address all levels of passive fire needs from small systems to large installations that provide compliance by achieving the requirements of the National Construction Code Part C3.15 Protection of Openings.

Meeting compliance with Regulatory Requirements is important to Ash Passive Fire Solutions NSW and the following codes are represented here:

- Environmental Planning & Assessment Act 1979
- Environmental Planning & Assessment Regulation 2000
- National Construction Code or Building Code of Australia
- AS 1851-2012 Maintenance of Fire Protection Systems and Equipment

Ash Passive Fire Solutions NSW provides a strong commitment to quality control during the project roll out. In addition to that, we hold the relevant knowledge and experience to complete the annual maintenance of passive fire systems to meet the requirements of the AS 1851-2012 Maintenance of Fire Protection Systems and Equipment together with completing the Annual Occupiers Certification.

All systems installed meet the strict installation standard from the manufacturers and their NATA approved certification requirements.

Ash Passive Fire Solutions NSW provides a high level of quality and confidence that all passive works are completed to meet client expectations and that of the legal requirements.

The team of Ash Passive Fire Solutions have years of experience in the construction and remedial building industry - from project management, to delivering quality performance works related to all aspects of passive fire, designing and building compliant systems to meet all needs.

Innovative, industry leading solutions for passive fire protection.

PROJECTS

THE RUM STORE & THE ELIZABETH, PYRMONT

As part of a Council Fire Safety Order, Ash Passive Fire Solutions were engaged to carry out the passive fire upgrade works and remedial building works repairing all penetrations to achieve compliance with the NCC. Second to this we also carried out all associated building works to access the work areas and return them to a standard that was superior to their original state. An independent consultant was engaged to review our works and we worked hand in hand providing the necessary technical expertise and data to give the owners not only a compliant building, but also piece of mind. Our team are extremely proud of the works that we completed whilst working in a finished and fully tenanted building. The project lasted nearly 7 months and was worth approximately \$1 million.

75 CROWN ST, WOOLLOOMOOLOO

With a building that had a heritage listed curved steel roof structure and a builder with a brief to deliver luxury apartments within the structure, Ash Passive Fire Solutions undertook the task of designing a fire rated system that would be able to expand and contract with the existing steel structure yet maintain the integrity of the fire rated walls that separated the units. Not only did Ash Passive Fire Solutions come up with the design, we also worked in conjunction with engineers and the Principal Certifying Authority to ensure the installation performed as it was designed to and allowed movement in an otherwise immovable fire wall. On the back of these works we were also engaged to carry out several other problematic areas including fire rating the exposed services for which we designed an in-wall fire rated system and exhaust plenums that were required to hold specific volumes of air yet had to be 2hr fire rated and travel under the unit floors as the area of construction was across the old entry and exit ramps of a car park. This project lasted approximately 4 months and was worth over \$500,000.00.

SYDNEY AIRPORT

Ash Passive Fire Solutions were engaged to construct a world first engineered fire rated box to protect against the spread of fire from the baggage handling area to the carousel bag retrieval area within the Airport Terminal. Due to their location it had to be constructed out of steel and had to be able to resist the impact of the baggage trucks. Complete with a fire rated roller shutter, smoke detection system and working in conjunction with the existing sprinkler system each box had to be individually designed and manufactured on site by our expert team. We were able to work within the confines of an area that was in constant use and utilized night work shutdown periods to complete the job on time. The project was completed over a period of 6 weeks and was worth approximately \$110,000.00.



METHODOLOGY

For each project, Ash Passive Fire Solutions thoroughly review all documentation, inspect site location and associated conditions which may vary the outcome and develop project methodologies reflecting all of the key criteria of the project.

Ash Passive Fire Solutions will use their vast knowledge of legislation to ensure not only high quality workmanship but that compliance is achieved first time and ensuring the needs of all associated stakeholders and external are met.

RESOURCING

To ensure project success, based on quality, compliant outcomes and programme dates, along with the need for a high standard of management during works; we can guarantee a project team that will be tailored specifically to the project needs. With a dedicated and highly experienced plastering team, available as needed for the fire rated works on our projects, our own knowledge and experienced installers we can ensure all tasks are achieved with minimal disruption to works.

RELEVANT EXPERIENCE

Rob Glockling has had 18 years of passive fire related experience working in a variety of disciplines from installation services, passive fire consultancy, project management and as the founder and owner of Ash Passive Fire Solutions.

Commencing his career in London, he quickly progressed through the ranks with a thirst for knowledge and a passion for understanding tested systems, standards and building codes relevant to the industry. After working as an installer, a project manager (both in construction and passive fire protection companies) and a division manager for a fire service company, he set out on his own in 2006 starting Ash Passive Fire Solutions.

Since its inception in 2006, Ash Passive Fire Solutions have opened an office in QLD and have worked across the country on various projects and look forward to expanding even further in the future.

KEY PROJECTS

Some of the projects Rob has been involved in include:

- Sydney Opera House
- Sydney Harbour Foreshore Authority
- The Art Gallery of NSW
- Downing Centre Courthouse
- The Bullring - Birmingham
- Event Cinema Complex - George St, Sydney
- World Tower - Sydney
- QVB Building
- John Lewis - Oxford Street, London
- Sydney Airport Corporation Ltd
- University of NSW
- Ausgrid Substation Upgrades
- State Library of NSW
- Deutch Bank Building - Sydney
- Department of Housing NSW
- HMAS Kanimbla

RESOURCING

- Bondi Junction Shopping Centre
- Kanimbla School for Girls
- Adelaide Hospital
- Australian Nuclear Science and Technology Organisation
- CenterPoint Tower Sydney
- Intercontinental – Sydney Australia
- Napean Hospital
- Sydney Olympic Village
- Railcorp
- Fox Studios – Sydney Australia
- Blacktown Hospital
- Port Botany – Terminal 3

Our friendly staff will be available at any time during the project to ensure a smooth operation throughout.

COSTING

Ash Passive Fire Solutions has a close relationship with suppliers. This ensures that lead times on products will not effect projects at any stage as purchasing of products can be prioritized to meet clients needs.

Together with this, Ash Passive Fire Solutions has a long business history with suppliers and as such is very competitive in pricing projects and can be asked to price below an already quoted project more effectively.

The synergy between Ash Passive Fire Solutions and the supply companies gives us major advantages in regards to the procurement of quality, cost effective products for our projects and clients - especially on projects that are logistically challenging.

An example of Ash Passive Fire Solutions relationship with manufactures of passive products is a recent project where the builder had an issue with a curved architectural wall that bounded a flamezone bushfire area. Ash Passive Fire Solutions were the only passive fire company recommended by the manufacturer as being qualified to carry out the installation.

Procurement of all projects is high on the agenda for all clients to ensure that projects are not priced beyond reasonable expectations and limited to little variations as all projects are costed effectively at the start to avoid any unforeseen expenses where possible.

We conduct training seminars with our manufacturers and our installers as part of our training programme but also to ensure our team are up to date with any changes in the industry.

WHY CHOOSE ASH PASSIVE FIRE SOLUTIONS?

Passive fire protection is the fundamental system of defence in the prevention of smoke and fire within a building. If all other fire safety measures were to suffer a failure, Passive Fire protection systems provide the last line of protection and ultimately life safety to building occupants. Ash Passive Fire Solutions covers all Sydney metropolitan areas as well as the North and South Coasts and our resources also enable us to complete large projects interstate if required.

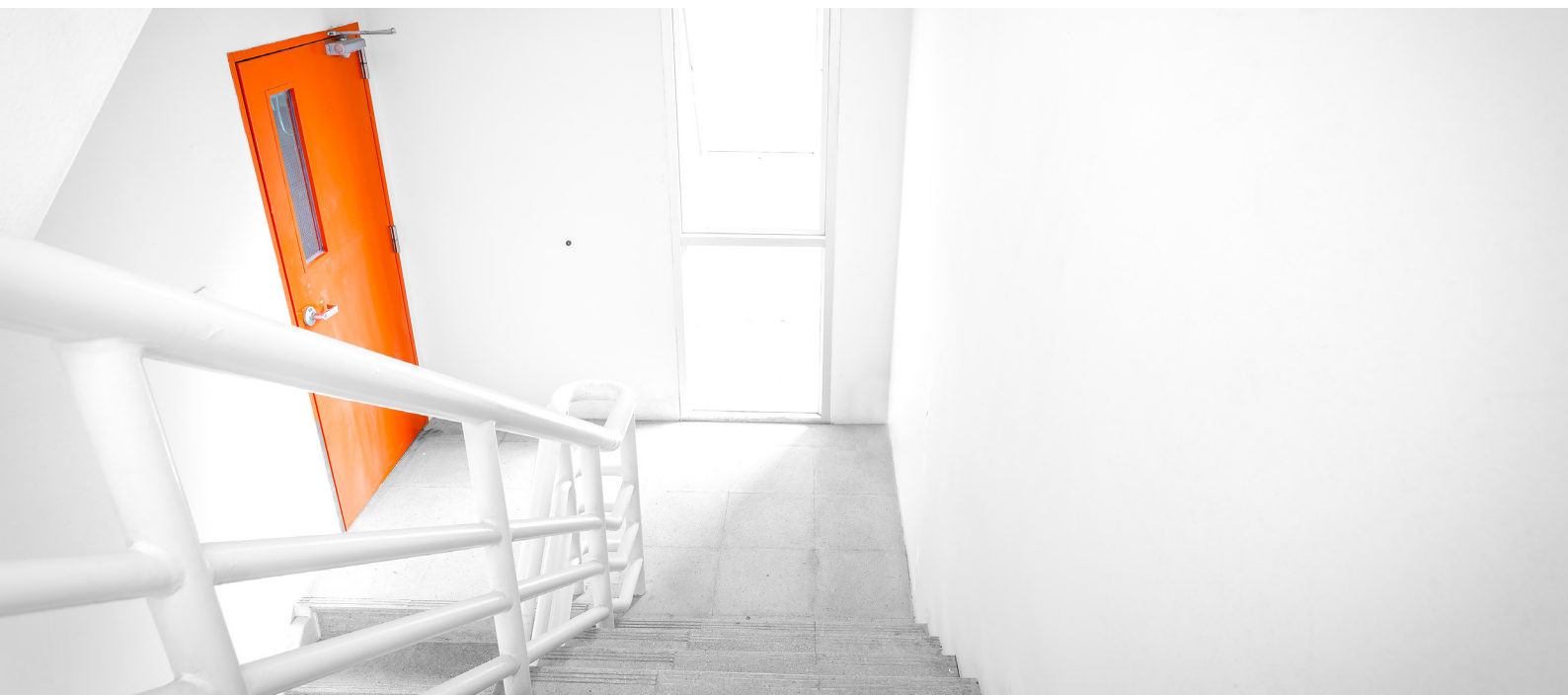
Ash Passive Fire Solutions recognises it's moral and legal responsibility to provide a safe and healthy work environment for its workers, contractors, clients and visitors to site and we ensure all employees work within the guidelines of our WHS Policy. We also have a full range of policies covering a broad range of topics including but not limited to, Anti-discrimination & Equal Employment, Workplace Bullying and Training Competency and Awareness.

At Ash Passive Fire Solutions, we strive to continue the education and training of our employees on a daily basis from the top tier of management down and all employees who are inducted and guided through our full range of policies upon employment.

COMMUNITY INVOLVEMENT

We are actively involved in numerous charitable organisations and volunteer programs and furthermore, have been regular contributors to local small charities.

We've supported the SLS foundation for many years and have been actively involved in supporting cancer awareness as well as attending multiple fundraising dinners for charity each year. We also support the rural fire service and donated towards the Black Sunday Bush Fire Appeal.



ENVIRONMENT & WASTE MANAGEMENT POLICY

Ash Passive Fire Solutions is a fire rating company operating out of Alexandria (between Sydney city and the Airport) where we specialise in quality and compliant installation.

Ash Passive Fire Solutions is committed to conducting our business in an environmentally aware and responsible manner. We seek the co-operation of our workers and business partners in ensuring our organisational practices are conducted with minimal environmental impact.

Sustainable construction practice is an integral part of our business. We will maintain and enhance this by:

- Assessing our eco-footprint to identify environmental impacts and move towards more sustainable practices
- Identify waste streams and options for effective waste management
- Improve purchasing (buy recycled materials, reduce waste, use less harmful/volatile chemicals)
- Improve storage (reduce quantity, waste and spills, reduce odours by keeping containers closed)
- Conserve energy (eco-friendly lights, turn lights off, emergency efficient equipment, greener fuel sources – such as LPG and methane)
- Conserve water (install water saving accessories, repair leaks)
- Preserve waterways (clearly mark and protect storm water drains)
- Emergency planning and spill response
- Seek appropriate licenses/permits from State Environmental Protection Agencies and other relevant Authorities
- Improve education/awareness
- Notify relevant authorities in the event of a major environmental impact
- Review of internal and external audit results, inspection and other compliance programs
- Evaluation of legal compliance issues
- Results of participation and consultation from all levels - management, workers and contractors
- Performance evaluation of the WHS management system and objectives
- Status of incident reports, investigations, corrective and preventive actions
- Communication from interested parties, complaints - action taken status and suggestions
- Management of change
- Corrective Actions, Accountability and Timeframes
- Follow-up on previous management reviews

We require our management, staff and sub-contractors to comply with this Environmental Policy, and will provide adequate resources to implement, maintain, review and improve this policy on a regular basis.

WORKPLACE HEALTH AND SAFETY POLICY

ASH PASSIVE FIRE SOLUTIONS PTY LTD recognises its moral and legal responsibility to provide a safe and healthy work environment for workers, contractors and employees of contractors, clients and visitors to site. This commitment extends to ensuring that operations do not place the local community at risk of injury, illness or property damage.

Our WHS objective is to actively work towards elimination of injuries and fatalities. Our target is to have a 100% annual reduction of all injuries and incidents.

Effective management of WHS policies requires the commitment of all personnel involved in the work through the application of the following:

- Integrating WHS into all aspects of ASH PASSIVE FIRE SOLUTIONS Company operations.
- Compliance with legislative requirements, current industry standards and co-operation with Regulatory bodies, as far as is reasonable.
- Exceeding legislative requirements and aiming for best practice systems of work.
- Measurable targets to ensure continued improvement reflected in accountability/key performance indicators at all levels.
- Provision and maintenance of a work environment that is safe and without risks to health.
- Consultation with employees and other parties to improve decision-making on WHS and environmental matters.
- Development, implementation and review of written safe work procedures.
- Distribution and communication of safety information and safe work procedures.
- Information, training and supervision to workers contractors, clients and visitors to ensure safety.
- Support and assist employees in effective injury management and rehabilitation .
- Review and assessment of WHS policies.
- Participation in consultative arrangements.
- Assisting management to meet WHS targets/key performance indicators.
- Participation in return to work programs.

With a passion for life safety we strive to protect that which is most important to us.

Rob Glockling
Managing Director - Ash Passive Fire Solutions

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