

# CAPABILITY STATEMENT - HEALTHCARE



# THE RED FIRE EXPERIENCE

## **Vision Statement**

Sustainable and safe communities - for everyone, everywhere

## **Mission Statement**

We are fire safety professionals. We work with people. We collaborate, negotiate and communicate. We improve the communities we live in.

## **RED Core Values**

### **Family**

We care about our employees, their families, their friends and the communities they live in.

### **Diversity**

We value creativity and diversity and we treat colleagues, clients and partners with respect and kindness.

### **Sustainability**

We embrace sustainability and strive to be climate positive.

### **Quality**

We value quality and recognize that our management systems facilitate continual improvement to help us in our mission.



## COMPANY BACKGROUND

RED Fire Engineers Pty Ltd (ABN 52 164 239 212) is a privately-owned consulting firm specialising in providing fire safety and risk engineering services to the construction, infrastructure, product development/testing and legal/insurance sectors.

Our engineers are internationally trained and experienced. We have designed major projects throughout Australia and around the world. Our aim is to solve any fire engineering problem, no matter how complex, and communicate the solutions in the simplest way possible.

We have developed novel approaches to fire engineering designs, and are at the forefront of applying risk assessment techniques to fire safety problems.

Fire safety challenges need to be handled in such a way as to allow the building to function and maximise commercial opportunities. In addition to the traditional code advice, our team applies fire engineering techniques to effectively resolve these competing issues.

We have developed advanced fire safety techniques to optimise building designs. We use these techniques to demonstrate the achievement of optimal safety levels for minimum cost whilst maintaining architectural flexibility

*A diverse team of  
internationally trained,  
professional problem solvers*



## RELEVANT PROJECT EXPERIENCE

The RED team have extensive international experience across all market sectors.

Our staff are skilled in the development and delivery of complex fire safety strategies through the application of advanced fire engineering techniques.

The following pages outline some of our teams' recent experience in these sectors.

- CLADDING & FACADES
- HEALTH & AGED CARE
- APARTMENTS & HOTEL BUILDINGS
- COMMERCIAL OFFICES
- RETAIL & SHOPPING CENTRES
- INSPECTIONS & AUDITS
- ROAD, RAIL, TUNNELS & OTHER TRANSPORT INFRASTRUCTURE
- HERITAGE STRUCTURES & FACILITIES
- ASSEMBLY
- EDUCATION & RESEARCH
- DEFENCE, POLICE & DETENTION
- INDUSTRIAL & STORAGE
- LOGISTICS
- CRITICAL INFRASTRUCTURE



## SERVICES OFFERED

- Customised fire safety assessments and designs
- Advanced fire, egress and structural computer modelling techniques
- Innovative design of active and passive fire protection systems
- Advice on fire brigade requirements and negotiation
- Qualitative and Quantitative Risk Assessments
- Inspections, audits and due diligence assessments
- Facilitation of Safety in Design workshops to meet OHS requirements
- Building Code consulting (Australian and international experience)
- Training for staff in evacuation procedures and general fire safety
- Forensic engineering and Expert Witness
- Cladding audit, risk assessment and rectification assistance

*We offer the full range of fire engineering and risk management services*



# HEALTHCARE



**Ashwood Community Care**  
Ashwood VIC

- Fire engineering Brief and Report
- Discussions with DHHS Fire Services
- Fire Safety Audit Report



**Cabrini Health**  
243 New St, Brighton VIC

- Initial Review
- Detailed Risk Assessment and preparation of Show Cause response



**McKinlay Shire Multi Purpose Health Service**  
1 Burke St, Julia Creek QLD

- Construction Review and signoff
- Fire Engineering Brief and Report
- Variation



**Central Coast Medical School and Research Institute**  
Holden St, Gosford NSW

- Peer Review
- Variation



**Sunshine Hospital – Acute Services Building**  
Furlong Rd, St Albans VIC

- Review and Site Inspection
- Fire Engineering Brief and Report
- Discussions with DHHS Fire Services
- Signoff Inspection and Statement of Compliance



**Perth Children's Hospital**  
15 Hospital Ave, Nedlands WA

- Cladding review and assessment

## HEALTHCARE

Mona Vale Hospital – Maternity Ward Refurbishment	NSW
Bathurst Hospital	NSW
Moruya Hospital Extension	NSW
Northern Beaches Hospital	NSW
Manilla Hospital	NSW
Perth Childrens Hospital Clients proof engineer (defects liability phase)	WA
Department of Health and Human Services Hospital Audits (c. 20 buildings)	VIC
Ballarat Health Services 5 yearly audit upgrades	VIC
Bishop Davies Court Aged Care Facility Extensions	TAS
Fred French Aged Care Facility Extensions	TAS
Mercy Hospital Cladding review	VIC
Royal Adelaide Hospital - Review of penetrations	SA
Western Hospital Footscray, Gordon St, Footscray	VIC
Williamstown Hospital 5 yearly audit upgrades	VIC
Sunshine Hospital - Acute Service Building	VIC

## QUALIFICATIONS & REGISTRATIONS

Our team have all the qualifications and registrations necessary to carry out fire engineering throughout Australia.

We have Washington accord-accredited engineering degrees and post-graduate qualifications in fire safety and risk management.

Our engineers are registered on the National Engineering Register as well as in New South Wales (C10), Victoria (RBP), Queensland (RPEQ) and Tasmania (CC).

Our team members are also members of the Society of Fire Protection Engineers (SFPE), National Fire Protection Association (NFPA), Engineers Australia's Society of Fire Safety (SFS), and other professional associations.

Senior staff are chartered professional engineers through Engineers Australia, which is a recognised benchmark worldwide.



ENGINEERS  
AUSTRALIA  
SOCIETY OF  
FIRE SAFETY



REGISTERED  
Building Practitioner



## ACCREDITATIONS

We embrace sustainability and strive to be climate positive by reducing our carbon footprint.

RED holds ISO 9001 and ISO 14001 Certification. This Quality and Environmental Management System (QEMS) assists us to deliver a more effective service and streamline our processes.







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