

CAPABILITY STATEMENT - EDUCATION



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



EDUCATION



Manly Vale Public School
77 Sunshine St, Manly Vale NSW

- Development Application
- Fire Engineering Report
- Fire Compartment Assessment



Collingwood Yards
35 Johnston St, Collingwood VIC

- Concept Design
- Design Development
- Fire Engineering Brief and Report



**Inveresk Student Accommodation,
University of Tasmania**
2 Invermay Rd, Launceston TAS

- Concept Design
- Schematic Design
- Design Development
- Fire Engineering Brief and Report



Ormond College – University of Melbourne
49 College Cr, Parkville VIC

- Concept Design
- Design Development
- Fire Engineering Report



Monash University Library
900 Dandenong Rd, Caulfield East VIC

- Concept Design
- Schematic Design
- Design Development
- Contract / Tender Documentation
- Construction and Contract Administration



Academic Hub, Charles Sturt University
346 Leeds Pde, Orange NSW

- Design Development Sketches
- Fire Engineering Brief and Report
- Construction Review and sign off

EDUCATION

UAE University Aquatic Centre, Al Ain	United Arab Emirates
Victoria University redevelopment, St Albans	VIC
Ormond College McCaughey Building Refurbishment, Parkville	VIC
UTS Great Hall Redevelopment, Sydney	NSW
Blue Mountains Grammar School	NSW
CSIRO Discovery Centre, Canberra	ACT
Resurrection House, Essendon	VIC
Emanuel Synagogue Sydney, Woollahra	NSW
St Andrews College Performing Arts Centre, Camperdown	NSW
UNSW, Cliffbrook Campus Redevelopment	NSW
Trinity Grammar School, Woollamia	NSW
Collingwood Arts Precinct Redevelopment	VIC
Manly Vale Public School, Manly Vale	NSW
Scotch Oakburn School North Precinct Redevelopment	VIC
St Mary's College, new indoor stadium, 53 Franklin St, Adelaide	SA

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.



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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