

CAPABILITY STATEMENT - INDUSTRIAL & STORAGE / LOGISTICS



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



INDUSTRIAL & STORAGE / LOGISTICS



Ridley Feedmill
Victa Rd, East Bendigo VIC

- Fire Engineering Brief and Report
- Construction Review and Signoff
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GAM Steel Service
1 Gordon Luck Ave, Altona VIC

- Fire Engineering Brief and Report
- Consultation with the MFB
- CFD Modelling



Swire Cold Storage
VIC, NSW, WA, QLD

- Site Inspection
- Fire Brigade Consultation
- Fire Safety Risk Assessment
- Fire Modelling



RAND Cold Storage
NSW, SA, VIC

- Site Inspection
- Fire Brigade Consultation
- Fire Safety Risk Assessment
- Fire Modelling



SCT Rail Freight Terminal
Bromelton, QLD

- Schematic Design Sketches
- Fire Engineering Brief and Report
- Discussions with Fire Brigade
- Construction Review and signoff



Tooheys Brewery
Lidcombe, NSW

- Fire Engineering Assessment

INDUSTRIAL & STORAGE / LOGISTICS

Swire Cold Storage:	
- Laverton 2 (stages 1 & 2)	VIC
- Lurnea	NSW
- Welshpool	WA
- Hemmant 3	QLD
- Banjup	QLD
- Cannons Hill	QLD
RAND Cold Storage:	
- Erskine Park	NSW
- Direk	SA
Benalla	VIC
Montague Truganina	VIC
Nestle Project Oceania	NSW
Tooheys Lidcombe Brewery	VIC
Heinz Echuca factory extensions	VIC

INDUSTRIAL & STORAGE / LOGISTICS

Heinz Wagga Wagga factory upgrade and alterations	NSW
Nolan Meats, Gympie	QLD
Southern Steel storage warehouse	NSW
Hobson Engineering Warehouse, Larapinta	QLD
Volvo Truck Facility – Warehouse Extension, Wacol	QLD
Laminex Facilities, Toolara Forest	QLD
Batlow Apples, Batlow	NSW
Aurora - Wetherill Park Dairy Processing Facility Upgrade, Wetherill Park	NSW
Amtor Orora Knoxfield	VIC
Lion Beverages, Wetherill Park	NSW
John Dee, Rosehill Rd, Warwick	QLD
Dexus Warehouse, Erskine Park	NSW
Meyer Timber Warehouse, St Marys	NSW
Linfox Warehouse, Erskine Park	NSW
Renex soil treatment and storage facility	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.



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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