

# CAPABILITY STATEMENT - RESIDENTIAL



## THE RED FIRE EXPERIENCE

We invite you to be part of our story!

**Who are RED?** – We are RED Fire Engineers - fire engineers and risk managers for clients who appreciate good service and on-time delivery.

**What does RED do?** – We think outside the box and relish the chance to create new techniques.

**What will RED do for us?** – We know that our success depends on yours, so we will go the extra mile. If there is a smarter, more efficient or effective solution for your project we'll help you find it!

**Why should we go with RED?** – Our team offers tailor-made fire engineering solutions for each project, large or small. We do this with a personal touch, in a manner that will make you want to come back again. We want to give you **"the RED Fire Experience"**!



## 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 ·

ROAD, RAIL, TUNNELS & OTHER TRANSPORT INFRASTRUCTURE · ASSEMBLY ·

HERITAGE STRUCTURES & FACILITIES ·

EDUCATION & RESEARCH · DEFENCE, POLICE & DETENTION ·

INDUSTRIAL & STORAGE · LOGISTICS · CRITICAL INFRASTRUCTURE ·

INSPECTIONS & AUDITS



## 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*

## RESIDENTIAL



1579 Malven Rd, Glen Iris VIC

- Design Development Sketches
- Fire Brigade Consultation
- Fire Engineering Brief and Report



1600 Malvern Rd, Glen Iris VIC

- Design Development Sketches
- Fire Brigade Consultation
- Fire Engineering Brief and Report



**Knoxia**  
456 Burwood Hwy, Wantirna South VIC

- Design Development Sketches
- Fire Brigade Consultation
- Fire Engineering Brief and Report



**Silverwoods Yarrowonga Lifestyle Village**  
Yarrowonga VIC

- Design Development Sketches
- Fire Brigade Consultation
- Fire Engineering Brief and Report



**The Rise at Wood Glen**  
105 Karalta Rd, Erina NSW

- Design Development Sketches
- Fire Brigade Consultation
- Fire Engineering Brief and Report



**Rosso Apartments**  
264 Drummond St, Carlton VIC

- Review Background Information
- Site Inspection
- Expert Witness Report

## RESIDENTIAL



**Sora**  
13-15 Hamilton St, Bentleigh VIC

- Design Development Sketches
- Fire Brigade Consultation
- Fire Engineering Brief and Report



51 Auburn Rd, Hawthorn VIC

- Design Development Sketches
- Fire Brigade Consultation
- Fire Engineering Brief and Report



**York + High**  
283-289 High St, Prahran VIC

- Design Development Sketches
- Fire Brigade Consultation
- Fire Engineering Brief and Report



1 Lyall Rd Berwick, VIC

- Design Development Sketches
- Fire Brigade Consultation
- Fire Engineering Brief and Report



835-853 High St, Armadale VIC

- Design Development Sketches
- Fire Brigade Consultation
- Fire Engineering Brief and Report



5-6 Sydney St, Prahran VIC

- Design Development Sketches
- Fire Brigade Consultation
- Fire Engineering Brief and Report

## RESIDENTIAL

1-4 Robert Street, Corrimal	NSW
28 East Crescent Street, McMahons Point	NSW
3 Winnie Street, Cremorne	NSW
2 Crows Nest Road, Waverton	NSW
142 Booran Road, Glen Huntly	VIC
2-4 Samada Street, Notting Hill	VIC
30 Ramsgate Avenue, Bondi Beach	NSW
337 Barrenjoey Road, Newport	NSW
Dalgety Square apartments, Sydney	NSW
32-48 Rosehill Street, Redfern	NSW
341 Heidelberg Road, Northcote	VIC
636 Darling Street, Rozelle	NSW
76-78 New Dapto Road, Wollongong	NSW
Banbury Village, Footscray	VIC
Common Ground, Sydney	NSW



## RESIDENTIAL

<b>Kyme Place, Port Melbourne</b>	<b>VIC</b>
<b>Mayada Apartments, Toorak</b>	<b>VIC</b>
<b>Silos Apartments, Collingwood</b>	<b>VIC</b>
<b>337 Barrenjoey Road, Newport</b>	<b>NSW</b>
<b>2 Crows Nest Road, Waverton</b>	<b>NSW</b>
<b>2 Hopkins St, Footscray</b>	<b>VIC</b>
<b>54 Winbirra Pde, Ashwood</b>	<b>VIC</b>
<b>Scape, Swanston St Modular Student Accommodation building, Melbourne</b>	<b>VIC</b>
<b>295-301 Bay St, Rockdale</b>	<b>NSW</b>
<b>240 New South Head Rd, Edgecliff</b>	<b>NSW</b>
<b>12-18 Dawson St, Surry Hills</b>	<b>NSW</b>
<b>666 Doncaster Rd, Doncaster</b>	<b>VIC</b>
<b>Lincoln Square North, Carlton</b>	<b>VIC</b>
<b>Shearwater Apt, Warners Bay</b>	<b>NSW</b>
<b>Gardenhill Apartments, Doncaster</b>	<b>VIC</b>

## 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.





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