

Fire Protection Consulting

Aon Fire Protection Consulting is a specialist fire engineering consultancy which provides services to industrial clients in Australia and New Zealand.

We are a part of the wider Aon Global Risk Consulting practice which has more than 2,000 risk professionals in 50 countries worldwide, providing a range of services including specialist consulting in industrial risk and loss control.

Why use Aon Fire Protection Consulting

There are a number of advantages to using Fire Protection Consulting:

- We understand the requirements of local regulations and standards but also have expertise in loss control so that the approach can go beyond code compliance and provide an integrated approach for ensuring that regulatory needs are met, and the business is protected.
- Aon engineers have specialist knowledge of industrial hazards which are of course very different from the typical projects dealt with by non-specialist fire engineers. Many of our engineers have a process background as well as being loss prevention or fire engineers. For energy clients we can utilise energy specialists who combine energy industry familiarity with fire protection engineering expertise. Using a specialist means getting it right; saving money, time and frustration.
- We have good working relationships with, and are respected by all stakeholders including legislative regulators, Fire Service and insurers.
- The team can provide fire protection engineering services throughout the whole life cycle; from design through commissioning and on-going testing and maintenance of systems.
- With certification and testing arms the Fire Protection Consulting team can assist with approvals and on-going compliance of fire protection systems.
- We can call upon global backup in fire protection engineering and related fields.
- We have unmatched breadth and depth of expertise in industrial fire protection engineering and industrial loss control in Australia and New Zealand.

Services

Fire Protection Consulting provides a wide range of services including:

- Conceptual design, fire reports and drawings.
- Fire System specifications, tender review and design review.
- Development of fire risk standards and policies.
- Sprinkler system certification.
- Sprinkler system inspection.
- Audit of fire protection systems against standards.
- Testing and maintenance specifications.
- Construction monitoring and commissioning.
- Fire fighting water supply and fire protection system hydraulics.
- Fire modelling for design comparison and forensic fire investigation.
- Development of fire loss estimates for risk financing and insurance.
- Cost benefit analysis of fire protection alternatives.
- Advocacy in dealings with regulator, fire services or insurers.
- Fire risk assessment and analysis for industrial fire hazards including flammable liquid spill fires, gas jet fires, and combustible dusts.
- Analysis of fire impact on industrial structures including vessel supports, tanks, pipe racks and cable trays.
- Industrial fire protection engineering training for staff.
- Expert Witness in the areas of industrial fire protection, fire system reliability and fire system compliance.

Our specialist team can help you

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