

A low-angle photograph of a modern glass skyscraper reaching towards the sky, with its reflection visible in the water below. The image is partially obscured by a dark blue geometric overlay with vertical lines in orange and teal.

CAPABILITY STATEMENT



LOTECONSULTING
Fire | Risk | Security | Cyber

Making the world safe & secure



ABOUT US

Lote Consulting is a fully licensed and accredited engineering and consulting practice delivering advanced fire safety and security solutions across Australia and the Asia-Pacific. Our team of domain experts combines deep industry experience with a passion for innovation, offering performance-based design, risk-informed strategies, and compliance-driven outcomes.

From performance-based fire engineering solutions, passive fire protection and bushfire planning, to CPTED, counter-terrorism, and cybersecurity, we take a holistic approach to managing risk across the asset lifecycle. Our ISO:9001 and ISO:27001 certification reflects our commitment to quality, client satisfaction, information security and continuous improvement—making Lote a trusted partner in protecting lives, property, and reputations.



SECTORS



**TRANSPORT AND
INFRASTRUCTURE**



**RESIDENTIAL AND
MIXED USE**



**COMMERCIAL AND
RETAIL**



**RETIREMENT AND
AGED CARE**



INDUSTRIAL



**HEALTH AND
MEDICAL**



GOVERNMENT



DATA CENTER



DANGEROUS GOODS

SECTORS



**BATTERY, ENERGY,
POWER AND STORAGE**



**SPORTS AND
ENTERTAINMENT**



EDUCATION



**WASTE MANAGEMENT
AND UTILITIES**



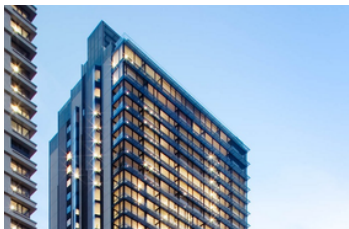
HERITAGE SITES



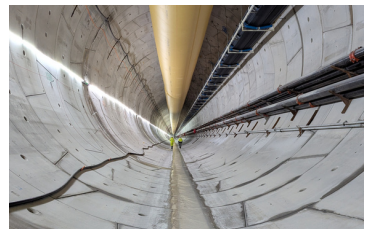
HOTELS



PLACES OF WORSHIP



**FACADE CLADDING
RISK ASSESSMENTS**



TUNNEL VENTILATION

Fire Safety Services

1

FIRE ENGINEERING

- PBDB
- FER
- Fire engineering inspection report
- Site inspections / fire safety audits
- Coordination with the relevant stakeholders
- Fire safety upgrades

CLADDING

- Cladding risk assessments and reports
- Assist in cladding replacement services

2

3

PASSIVE FIRE SERVICES

- Documenting passive specification matrix
- Inspection of passive penetration
- Technical support and advice on fire stopping products, methods and applications
- Fire Compartmentation Plan
- Preparation Architectural Design Declaration (Passive Fire)
- Passive Fire Stopping Register for the Occupation Certificate Phase.

RISK WORKSHOPS

- Identify key fire safety risks
- Develop practical mitigation strategies

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Fire Safety Services

5

BUSH FIRES

- Fire Performance Solutions for NASH Standards, BAL FZ, AS 3959 and PBP Variations
- Stakeholder engagement including Certifier, Council and RFS
- Conceptual Bush Fire Design & Compliance Strategy
- Bush Fire Design, Compliance, & Approvals Report
- Bush Fire Operations, Maintenance & Evacuation Plan Enhancement
- NCC Specification 43 variations
- Enhanced Bushfire Risk Mitigation and Resiliency

DANGEROUS GOODS

- Assess storage requirements to create a Dangerous Goods Report
- Preparation of SEPP RH assessments
- Preliminary Hazard Analysis (PHA) to HIPAP 6, assessing potential off site impacts
- Fire Safety Study (FSS) prepared to HIPAP 2 as often requested by the planning department
- Dangerous Goods Audits
- Emergency Response Plans (ERP) to HIPAP 1, outlining emergency situation responses.
- Emergency Services Intervention Package (ESIP), providing critical information to the fire brigade.

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Security Consulting Services

1

SECURITY SERVICES

- Security risk assessments & threat modelling
- CPTED reports & crime risk assessments
- Security system design
- Site inspections / security audits
- Security upgrades
- Social Impact Assessments (SIA) reports

CRITICAL INFRASTRUCTURE

- SOCI Act & CIRMP security risk management & compliance support
- Critical infrastructure vulnerability assessments

2

3

EMERGENCY MANAGEMENT

- Security and emergency management planning
- Emergency response drills and training
- Incident management and recovery support

CYBERSECURITY

- Cybersecurity risk management
- Cyber incident response planning

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Lote's Mission and Values

Mission

Lote exists to make the world safer and more secure. We believe that safety and security are the foundations of a thriving society. Our work protects lives, assets, and communities through innovative fire engineering, risk, and security solutions. We build trust by delivering resilient, compliant, and future-ready outcomes.

Vision

Our vision is to be the most trusted and forward-thinking consultancy in fire, risk, and security. We aim to deliver long-term value through performance-based design and cutting-edge technologies that safeguard people and property while promoting sustainability and social responsibility.

Why Partner with us?

Lote is a fully licensed and ISO:9001 and ISO:27001 certified consultancy, delivering specialist fire safety and security services with a commitment to quality and continuous improvement. Our team combines deep industry experience with thought leadership, consistently pushing boundaries in design and risk management. Every solution is built on a holistic, risk-based approach that protects long-term asset value for owners, architects, developers, and builders





 www.loteconsulting.com

 1300 761 744

 hello@loteconsulting.com

