



Principal Fire Engineer

Job Description Form

Position details

Position number	MIS17080
Level	Specified calling level 5
Award/Agreement	<i>Public Service Award 1992</i> <i>Public Service and Government Officers CSA General Agreement 2017</i>
Branch	Audit
Directorate	Building Compliance
Division	Building and Energy
Group	Industry Regulation and Consumer Protection
Location	Cannington

Job description

Overview of role

The Principal Fire Engineer is responsible for providing high level strategic direction and leadership on fire engineering and related matters, with the aim of reducing the likelihood and consequences of fire on the community.

The position frequently manages unique and complex technical issues which require innovative solutions involving distinctive designs and assessment techniques. The Principal Fire Engineer requires high level interpersonal skills in order to advocate the advancement of operational requirements and to manage the negotiation of Building Codes, standards and statutes that improve public/firefighter safety and construction industry efficiencies.

Key responsibilities

- Provides high level strategic direction and leadership on fire engineering and related matters with the aim of reducing the likelihood and consequences of fire on the community and operational personnel.
- Assist with the development and execution of coordinated fire related audits in the community.
- Contribute to policy development and strategic planning processes.
- Lead, develop, motivate and support team members as required.

- Proactively develop and manage major change initiatives relating to fire engineering within the department and the broader fire safety industry that strengthen fire safety in the built environment.
- Provide quality and high level fire engineering advice and support to staff on fire engineering and related matters.
- Manage the provision of professional fire engineering best practice advice on matters of fire safety and risk assessment in buildings, special structures, and other public infrastructure or special projects.
- Identify, design and implement relevant fire engineering training programs for internal and external stakeholders as required.
- Monitor and review the efficiency and effectiveness of services and programs provided by the Organisation and identify and implement opportunities for enhanced service delivery.
- Ensure effective coordination, collaboration and cooperation with other functional areas of the Organisation.
- Represent the department at a senior level in the legislative environment including state administrative tribunal, courts and, Australian Standards, State or National government and industry committees as required.
- Actively participate in the development and accomplishment of strategic and operational plans and initiatives with the department where these relate to fire engineering or related matters.
- Ensure the professional image of the department by developing and maintaining effective working relationships and effectively promote the role of the Fire Engineering to key internal and external stakeholders.
- Attends emergency incidents as required to provide technical advice to operational staff and assess and report on the performance of active/passive fire safety systems and alternative building solutions.
- Provide sound advice and support on post incident and research analysis of buildings and structures, in particular where performance based fire engineering designs have been employed.
- Undertake other duties as required.
- Take reasonable care to protect your own safety and health at work, and that of others by co-operating with the safety and health policies and procedures of the department and complying with all provisions of the *Occupational Safety and Health Act 1984*.

Work related requirements

Shapes and manages strategy

1. Demonstrated extensive experience and knowledge of building design, building fire safety systems, performance criteria and fire engineering concepts and principles to achieve fire safety outcomes and emergency services operational requirements.
2. Demonstrated extensive experience and the ability to assess plans applicable to significant building projects, particularly those involving Fire Engineered alternative solutions and clearly communicate expert technical advice in relation to building fire safety matters.

Achieves results

3. Proven high level experience in applying relevant Building Codes, Standards, statutory Acts and Regulations to fire safety engineering plan submissions in a performance based context to provide quality assessment and advice to proponents.
4. Advances knowledge of and ability to use and review fire safety modelling computer programs and fire engineering calculations.

Builds productive relationships

5. Demonstrated experience in people management and the ability to provide training.

Exemplifies personal integrity and self-awareness

6. Adopts a principled approach and adheres to the public sector values and Code of Conduct. Acts professionally and impartially at all times and operates within the boundaries of organisational processes and legal and public policy constraints.

Communicates and influences effectively

7. Highly developed communication, negotiation and consultation skills with staff, peers, industry groups and other Government agencies.

Qualifications (essential pre requisite)

8. Recognised qualification (graduate/post graduate) in fire safety engineering from an accredited university.

Desirable

9. Attainment or progression towards a recognised fire engineer registration scheme.
10. Extensive experience with a recognised fire authority with a thorough understanding of operational firefighting procedures and the performance of building structures under fire conditions.

Appointment conditions

Integrity requirement	A satisfactory, National Police Certificate or National Police History Check.
Travel requirements	Flexibility to travel within the state is required.
Driver's licence	A current "C" class car licence is required.
Other	Nil.

Certification (HR use only)

The duties, responsibilities and requirements of this role have been approved by the appropriate delegated authority.

This Job Description Form was registered on 9/10/2017.