



Michael Mason
Fire Engineering Manager



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TERTIARY EDUCATION

- Bachelor of Engineering (Mech)
- Graduate Diploma Fire Safety Engineering



AFFILIATIONS

- Member Institute of Engineers Australia
- Member Society Fire Safety Engineers



EMPLOYMENT HISTORY

February 2019 to Present – BCA Logic Pty Ltd – Fire Engineering Manager

- Develop holistic fire safety strategies and cost effective fire engineering solutions without compromising the level of fire and life safety.
- Formulate Alternative Building Solutions and specify implementation methods.
- Peer review of fire safety engineering reports.
- Interpretation of Building Code of Australia and other associated documents on fire safety issues.
- Application of fire safety engineering principles to assist building design and development.
- Participation in negotiations with Building Regulatory Authorities including Local Councils, the Sydney Harbour Foreshore Authority, and State and Federal Government departments.
- Fire safety audits of existing buildings.
- Qualitative and quantitative fire risk assessments.
- Preparation of written reports that include a statement that the Alternative Solution complies with the relevant performance requirements of the Building Code of Australia to assist the issue of Construction Certificate and Occupation Certificate.
- Drafting of building fire codes.
- Preparation of specification for conducting hot smoke tests.
- Fire safety engineering research and teaching.
- Presentation of technical fire safety engineering papers in symposia, conferences and seminars.
- Publication of fire safety engineering papers / articles in journals and magazines.



RELEVANT EXPERIENCE

- 2016 to 2019 – Aurecon
National Defence Fire Engineering Leader, Senior Fire Safety Engineer
- 2015 to 2016 – EFWW
Fire Team Leader (fire safety and fire protection)
- 2012 to 2015 – Aurecon
Senior Fire Safety Engineering
- 2007 to 2012 – NDY
Fire Team Leader (fire safety and fire protection), Senior Fire Safety Engineer & Senior Fire Protection Engineer
- 2005 to 2012 – LSM
Senior Engineer
- 2002 to 2005 – Progard
Project Engineer