



## Wallace Zhong

### Senior Fire Engineering Consultant



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### TERTIARY EDUCATION

- Master of Fire Safety Engineering, Western Sydney University
- Graduate Diploma in Building Surveying, Western Sydney University
- Doctor of Engineering (Mechanical Electronic Engineering), Shanghai Jiao Tong University
- Master of Engineering, Beijing Jiao Tong University
- Bachelor of Engineering, Beijing Jiao Tong University



### AFFILIATIONS

- The Institution of Engineers Australia (CPEng) – Chartered Professional Engineer
- Society of Fire Safety (Engineers Australia) – NSW Chapter Committee Member
- National Engineering Register (NER) - Fire Safety
- Accredited certifier in New South Wales - C10, Fire Safety Engineering Compliance
- Registered Professional Engineer of Queensland - Fire Safety



### EMPLOYMENT HISTORY

#### June 2017 – Present – BCA Logic Pty Ltd – Senior Fire Engineering Consultant

- Develop holistic fire safety strategies and cost effective fire engineering solutions without compromising the level of fire and life safety.
- Application of fire safety engineering principles to assist building design and development.
- Participation in negotiations with Building regulatory Authorities.
- Fire safety audit of existing buildings.
- Peer review of fire safety engineering reports.
- Interpretation of BCA and other associated documents on fire safety issues.
- Qualitative and quantitative fire risk assessment.
- CFD and evacuation modelling.
- Preparation of fire engineering briefs and reports.



## RELEVANT EXPERIENCE

- February 2016 – June 2017 - Exova Warringtonfire Aus Pty Ltd  
Fire Safety Engineer
- January 2015 – January 2016 - RED Fire Engineers Pty Ltd  
Fire Safety Engineer
- 2004 - 2015 - Brooks Australia Pty Ltd  
Senior Engineer (Fire Protection Systems)