



CODE ASSESSMENT

Adequate fire safety for buildings is determined through assessment of compliance with prescriptive building code requirements. These 'recipe' type requirements for design provide certain building components and fire safety systems, to a point where a building is 'Deemed-to-Satisfy' the building regulations.

Holmes Fire's engineers utilise their detailed knowledge of prescriptive requirements for fire safety within many building codes every day. Our expertise and experience positions us ideally to undertake code assessments for any building or structure. We have extensive experience in the assessment of buildings against the Deemed-to-Satisfy requirements for fire safety of the Building Code of Australia, The New Zealand Building Code, NFPA 5000, and the UK Building Code.

Regarding the BCA, we regularly assess buildings against the Deemed-to-Satisfy Provisions of Parts C, D (excluding D3) and E as well as those sections of the BCA that deal with atria (Part G) and special buildings such as Entertainment Venues (Part H1) and Public Transport Buildings (Part H2).

While many other consultants and councils may undertake code assessments, Holmes Fire offers numerous advantages over competitors in this market. As fire engineers we not only understand the requirements for fire safety of building codes, but also the intent and reasoning behind them. We are able to propose Alternative Solutions when non-compliances are identified or indicate if the Deemed-to-Satisfy approach is more appropriate.

We are proud of our ability to identify areas of design that add value to a project. These may be financial savings, increased architectural flexibility, ease of construction, reduced maintenance or increased reliability of systems. Our extensive fire engineering experience allows us to identify the benefits an Alternative Solution may provide our client, even if Deemed-to-Satisfy compliance is proposed.

Holmes Fire can also customise their assessments to the holistic needs of the project. This may include limiting the assessment to specific areas of a building or considering matters above and beyond the building codes, such as heritage significance, property protection and business continuance. Recent projects for which we have undertaken code assessments are listed below. We also provided fire engineering services in many of these projects.

Assembly Hotel Bondi, Bondi, NSW.
AMF Bowling, Villawood, NSW.
Qatar University Assembly Hall, Qatar, Doha (NFPA 5000).

Residential 11 Waruda Street Kirribilli, NSW.
Panthers World of Entertainment, Penrith, NSW. West Bay Resort Development, Qatar, Doha (NFPA 5000).

Aged Care St George Aged Care, Bexley, NSW.
Allambie Lutheran Homes, Allambie, NSW.
Mona Vale Nursing Home, Mona Vale, NSW.

Industrial Nationwide News Limited, Chullora, NSW.
Tip Top Bakery, Canning Vale, WA.
Coca-Cola Amatil, Northmead, NSW.

Commercial SBS Studios, Artarmon, NSW.
The Rocks Police Station, The Rocks, NSW.
Top Ryde Shopping Centre - Commercial Towers, Top Ryde, NSW.

Retail Norwest Marketown Extension, Baulkham Hills, NSW.
Thurgoona Plaza, Thurgoona, NSW.
Fairfield West Market Plaza, Fairfield West, NSW.

