



Building Combustible Façade Capabilities

SERVICES AND EXPERIENCE



Macrossan Residences Brisbane

AWARD-WINNING PARTNERS IN FIRE SAFETY

Established in 1999, Fire Check Consultants (FCC) provides strategic fire engineering services for investors in the built environment and other special risk areas throughout Australia and overseas. FCC offers prompt, efficient, and friendly dedicated professional fire engineering services. Our fire safety and fire protection engineers are accredited with all State Building Professional Boards. The FCC facilitative approach assists in satisfying mandatory legislative compliance, satisfying Australian Standards and codes of practice, maximising capital values and increasing the life expectancy of property investment assets.

SAFER BUILDING – EXTERNAL CLADDING

On the 1st October 2018, the Queensland Government put new laws to ensure the external cladding of buildings is safe by not posing a risk to external fire spread. The cause for the implementation of this law originates from the devastating Grenfell Tower fire, which occurred in the United Kingdom in June 2017, claiming the lives of 72 people. The new law provides building owners and occupants the reassurance to feel safe knowing their building does not have combustible cladding on the facade.

The Queensland Government has established the ‘Safer Buildings’ website to help identify buildings in Queensland that may have potentially combustible cladding. The website provides background context and information for building owners and building professionals., which may be found on the following web page – <https://www.saferbuildings.qld.gov.au/>

If you’re wondering whether your building needs to be checked and registered, the government will have sent a letter to the building owner, OR you can check yourself using the above web page. Owners of houses or townhouses **do not** need to register.

FCC consultants have assisted many clients in ensuring their building is deemed safe with cladding and/or provided recommendations to replace or retain any combustible cladding. We can carry out site visits to assess the building facade, with our capabilities extending beyond physical inspection with drone technology for areas hard to inspect. Once the site visit is carried out, we provide the client with a Form 34 or a Form 35 in addition to a Building Fire Safety Risk Assessment (BFSRA), if required.

FCC has been extensively involved with numerous prestigious projects undertaking a performance-based fire safety engineering approach for retaining (or partial retaining) the combustible cladding in the building. The National Construction Code (Building code of Australia) allows Performance Solutions to encourage innovation, artistic creativity and cost savings by satisfying the Performance Requirements. Performance Solutions enable building owners to retain (or partial retain) the combustible façade that provides the best outcome for the project.

OUR PRESTIGIOUS PROJECTS

FCC has been extensively involved with numerous prestigious projects of combustible cladding such as -

The University of Queensland Combustible Cladding Project (68 Buildings)

The University of Queensland tasked FCC to inspect, audit, review the relevant data and provide Form 35 and BSFRA for buildings listed by the registered building professional in the Stage 2 process.

We worked closely with the UQ P & F Division to audit a total of 68 buildings across South East Queensland. These ranged from the St Lucia campus, out west to the Gatton and Toowoomba campuses and all the way north to Rockhampton and Heron Island facilities.

Once the physical auditing process was completed, FCC then collated the data and identified the relevant fire scenarios and relevant risk score and prepared the audit reports for all 68 buildings.

To provide a transparent flow of information FCC prepared three presentations that detailed to the stakeholder team the findings from the audit reports, outlining the risk score generated based on the risk matrix FCC has prepared. FCC also discussed with the UQ to further cladding rectification process.

FCC has since worked with the UQ on other projects and maintains a good working relationship.

Moreton Bay Regional Council Combustible Cladding Project (12 Buildings)

The Moreton Bay Regional Council appointed FCC to initially carry out the Stage 3 process for nine buildings. Three buildings were added later to the list.

FCC planned the inspection dates and times with the council to ensure they had a representative present at the inspection time upon the council's request.

For the properties that had wood, PVC or polycarbonate cladding installed on the façade, no samples were taken as the material properties could be sourced from the UQ Fire Material Laboratory. For the two sites that had ACP installed on them, samples were taken in coordination with representatives from the council and then sent to a NATA accredited laboratory to have the material properties confirmed and included in the developed BSFRA reports as part of the project.

Other Miscellaneous Buildings

FCC has also inspected nearly 150 buildings, ranging from super tall residential towers to commercial buildings in Gold Coast, Sun Shine Coast, and remote locations all over the QLD.

TESTIMONIAL

Testimonial – Ullrich Aluminium Cladding Project

Fire check provided us with a high level of service and experience that save us the peace of mind to know we will be compliant with the QLD fire requirements. Aayush Sharma was very helpful during the entire process and after.

Shane Rothero, Regional Branch Manager
For Gilbert Ullrich, CEO
Ullrich Aluminium

CONTACT INFORMATION

FCC can determine the extent of use of non-compliant external wall cladding materials that could deteriorate into unsafe conditions and suggest a range of possible mitigation measures. Please contact our office in Chermside, Queensland, and we can offer consulting services throughout Australia and neighbouring countries on a fly-in fly-out basis.

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Please contact us for your requirements:

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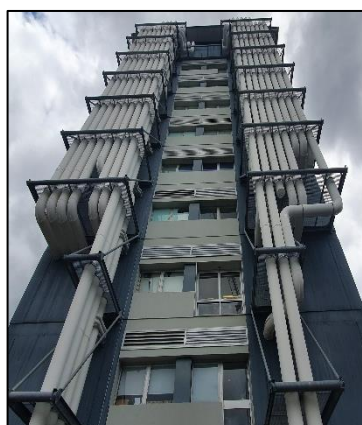
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For further information on the business, please visit FCC website at www.firecheck.com.au.



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UQ Chemistry Building



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Our dedicated fire safety consultants have the skills, knowledge and resources to meet your needs.