# Position Details

## Research Projects- CSOF5

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| The following information is for applicants | |
| Advertised Job Title | Senior Consultant, Fire Assessments |
| Job Reference | 91664 |
| Tenure | Indefinite  Full-time |
| Salary Range | AU$105,806 – AU$114,500 per annum plus up to 15.4% superannuation |
| Location(s) | Sydney (North Ryde), NSW |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | Australian/New Zealand Citizens and Australian Permanent Residents Only |
| Position reports to the | Group Leader – Fire Testing and Assessments |
| Client Focus – Internal | 10% |
| Client Focus – External | 90% |
| Number of Direct Reports | 0 |
| Enquire about this job | Contact Keith Nicholls via email at [keith.nicholls@csiro.au](mailto:keith.nicholls@csiro.au) |
| How to apply | Apply online at <https://jobs.csiro.au/>  Internal applicants please apply via **Jobs Central**  If you experience difficulties when applying, please email [careers.online@csiro.au](mailto:careers.online@csiro.au) or call 1300 984 220. |

**Acknowledgement of Country**

CSIRO acknowledges the Traditional Owners of the land, sea and waters, of the areas that we live and work on across Australia. We acknowledge their continuing connection to their culture and pay our respects to their Elders past and present. View our [vision towards reconciliation](https://www.csiro.au/en/about/Indigenous-engagement/Reconciliation-Action-Plan).

### Role Overview

The Senior Consultant, Fire Assessments is responsible for the provision of technical consulting services relating to the fire-resistance of building systems. The role communicates directly with commercial clients in the building and infrastructure sector, providing independent consulting to assess the fire performance of tested building systems incorporating variations to the tested prototype, in accordance with the framework outlined in Part A2 of the National Construction Code (NCC).

The Senior Consultant reports to the Team Leader, Fire Assessments and is responsible for the delivery of fire assessment reports and consulting services relating to the fire performance building systems. This position will liaise and collaborate with fire testing staff as well as experts across CSIRO and other international laboratories with regard to fire testing requirements in support of the assessment of variations to tested systems. The position will also assist the fire-resistance testing team during periods of peak demand or as requested by the Team Leader, Fire Resistance Testing.

### Duties and Key Result Areas

Under limited supervision:

* Operate independently, using engineering judgement when providing consulting services pertaining to the technical assessment of building systems under fire conditions.
* Provision of consulting services delivered through written technical assessments on the likely performance of fire protection systems to comply with the ‘Deemed to Satisfy’ provisions of the BCA as well as International codes.
* Provision of written performance-based assessments on the likely performance of fire protection systems to comply with the performance requirements of the BCA (NCC), based on referenced test standards, test data, engineering judgement and calculations.
* Assist the Team Leader – Fire Assessments with project delivery outcomes and timeframes within budget expectations.
* Liaise with the fire testing team to assist in the determination of client requirements, data analysis and technical reporting in accordance with Australian and International fire test standards.
* Assist with fire-resistance testing when required.
* Assist the Team Leader – Fire Assessments to contribute with research and testing projects using engineering judgement, expertise and specialist skills.
* Under the direction of the Team Leader – Fire Assessments, assist in the design of performance-based research and test procedures on an ad-hoc basis to fulfil commercial client expectations.
* Under general direction participate in planning projects and accept responsibility for the scheduling and completion of significant parts of projects, including allocating and directing tasks where appropriate.
* Communicate openly, effectively and respectfully with all staff, clients and suppliers in the interests of good business practice, collaboration and enhancement of CSIRO’s reputation.
* Work collaboratively as part of a multi-disciplinary, often regionally dispersed research team, and business unit to carry out tasks in support of CSIRO’s scientific objectives.
* Adhere to the spirit and practice of CSIRO’s Code of Conduct, Health, Safety and Environment plans and policies, Diversity initiatives and Zero Harm goals.
* Other duties as directed.

## **Selection Criteria**

#### Essential

*Under CSIRO policy only those who meet all essential criteria can be appointed.*

1. A bachelor degree qualification in Engineering fields such as Structural Engineering or Mechanical Engineering.
2. Strong communication skills and writing of detailed technical reports and assessments for commercial clients.
3. Track record creating and fostering cooperation within a team environment and between teams.
4. Relevant knowledge of the Building Code of Australia (BCA) Deemed to Satisfy provisions relating to the fire resistance of building elements and systems.
5. Relevant knowledge of Australian and International fire testing standards, assessment guidelines and related fire design standards.
6. Project management experience.
7. Demonstrated ability to operate in commercial environments subjected to change and external constraints.

## **Desirable**

1. 2+ years relevant technical consulting experience of building fire resistance.
2. Experience delivering engineering consultancies within a quality management environment meeting the requirements of ISO 9000.
3. Well-developed experience in laboratory tests and field investigations and/or laboratory equipment or other relevant experience relating to the fire performance of building systems.
4. Experience within a NATA Accredited operating environment.

## **Required Competencies**

* **Teamwork and Collaboration:** Cooperates with others to achieve organisational objectives and may share team resources in order to do this. Collaborates with other team as well as industry colleagues.
* **Influence and Communication:** Uses knowledge of other party's priorities and adapts presentations or discussions to appeal to the interests and level of the audience. Anticipates and prepares for others’ reactions.
* **Resource Management/Leadership:** Sets up and maintains effective and efficient work teams and manages performance and resources, to achieve objectives. Chooses appropriate management strategies and communication styles to maintain high levels of motivation and productivity. Gives feedback for development purposes and provides support and direction for improvement.
* **Judgement and Problem Solving:** Investigates underlying issues of complex and ill-defined problems and develops appropriate response by adapting/creating and testing alternative solutions.
* **Independence:** Plans, sets and works to meet challenging standards and goals for self and/or others. Recognises where endeavours will make the most impact or difference, decides on desired outcome and sets realistic goals to reach this target.
* **Adaptability:**Copes with ambiguity or situations that lack clarity. Adapts readily to changing circumstances and new responsibilities (which may include activities outside own preferences) in the interests of achieving team objectives. Recognises the need for and undertakes personal development as a result of changes.

Special Requirements

Appointment to this role may be subject to conditions including provision of a national police check as well as other security/medical/character clearance requirements.

* The successful candidate will be asked to obtain and provide evidence of a National Police Clearance or equivalent. Please note that individuals with criminal records are not automatically deemed ineligible. Each application will be considered on its merits.

## **About CSIRO**

We solve the greatest challenges through innovative science and technology. Visit [CSIRO Online](http://www.csiro.au/) and [CSIRO Services](https://www.csiro.au/en/work-with-us/services) for more information.

CSIRO is a values-based organisation.  In your application and at interview you will need to demonstrate behaviours aligned to our values of:

* People First
* Further Together
* Making it Real
* Trusted