

For applicants

The table below specifies the minimum knowledge and skills required to be granted registration in the class of **Certifier – fire safety**.

There is knowledge criteria and skills criteria.

Your application must address all the criteria listed in the table. For example, if there are three knowledge criteria and four skills criteria listed for the class of registration for which you are applying, your application must address a total of seven criteria.

If you are applying for more than one class of registration, your application must address all the criteria for each class for which you are applying.

You will need to ATTACH documentation to your application which contains your responses to the knowledge and skills criteria.

Your responses should include:

- your understanding of the criteria;
- how you meet the criteria; and
- the depth and breadth of your knowledge or skills, using specific examples.

KNOWLEDGE CRITERIA Must know and understand the following:
(a) the science of fire
(b) the principles of fire engineering, including fire engineering processes and methodologies
(c) relevant fire engineering guidelines, including the <i>International Fire Engineering Guidelines</i>
(d) fire engineering models and tools
(e) the design, planning and construction requirements relevant to this class of registration and appropriate techniques used for construction
(f) the <i>Building Code of Australia</i> (volumes 1 and 2), including documents adopted by reference in the <i>Building Code of Australia</i> , to the extent they are relevant to this class of registration
(g) inspection requirements relevant to this class of registration

SKILLS CRITERIA

Must be able to do the following:

- (a) apply scientific and engineering principles to evaluate strategies to protect people and their environment from the consequences of fire
- (b) anticipate the behaviour of materials, structures, machines, apparatus and processes when exposed to fire
- (c) assess a fire engineering design and determine whether a performance solution complies with the relevant performance requirements of the Building Code of Australia
- (d) apply relevant fire engineering guidelines, including the International Fire Engineering Guidelines
- (e) apply fire engineering models and tools
- (f) participate in the development of a fire engineering brief
- (g) establish and implement an inspection regime to—
 - (i) monitor compliance and verify design assumption during construction, and
 - (ii) certify compliance of completed building work,
- (h) plan and conduct inspections of building work relevant to this class of registration to assess compliance
- (i) recognise inconsistencies and contradictions between regulatory instruments and engineering principles or the relevant requirements (relevant to this class of registration) and determine the appropriate solution
- (j) develop testing programs, including interpreting and auditing test results, relevant to this class of registration
- (k) critically review research data to assess its limitations and applications
- (l) interpret, apply and assess compliance with the *Building Code of Australia*