

### For applicants

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

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:

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| (a) the design, planning and construction requirements relevant to this class of registration and appropriate techniques used for construction   |
| (b) 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 |
| (c) inspection requirements relevant to this class of registration   |

## SKILLS CRITERIA

Must be able to do the following:

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| (a) determine the extent of proposed and constructed building work to be certified   |
| (b) plan and conduct inspections of building work relevant to this class of registration to assess compliance  |
| (c) take appropriate action prior to the issue of a compliance certificate   |
| (d) apply appropriate engineering principles and relevant <i>Building Code of Australia</i> , legislative and other requirements when assessing mechanical components of building work for compliance                      |
| (e) recognise inconsistencies and contradictions between regulatory instruments and engineering principles or the relevant requirements (as relevant to this class of registration) and determine the appropriate solution |
| (f) verify design assumptions during construction  |
| (g) develop testing programs, including interpreting and auditing test results, relevant to this class of registration   |
| (h) critically review research data to assess its limitations and application  |
| (i) interpret, apply and assess compliance with the <i>Building Code of Australia</i>  |