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# Building Services Engineering Area of Practice / Area of Engineering

Building services engineering deals with the internal environmental and environmental impact of a building. Its purpose is to achieve optimal integrated building systems incorporating environmental control and safety provisions for the comfort and well-being of the occupants of the built environment.

Some of the indicative activities that may be undertaken when practising Building Services Engineering are:

- design and documentation
- installation, testing and commissioning
- manufacture and supply
- operation and maintenance
- quality assurance
- research and development
- teaching and training.

These activities could take place in any of the following building services engineering domains:

- acoustics in buildings
- air conditioning and mechanical ventilation
- data and communications
- electrical light and power
- energy management
- fire safety engineering
- fire services
- security and access control
- vertical transportation
- water and waste services.

To find out more about building services engineering visit our [Engineering communities](#) page.

## Information for applicants

Applicants should note there is a specific area of practice available in Fire Safety Engineering. It's available to applicants who can satisfy the eligibility criteria contained in the Guideline for Recognition in the Specific Area of Practice of Fire Safety Engineering.



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This area of practice complies with building legislation in the states or territories which recognise registration in the Class of Fire Safety Engineering.

## How to apply

This area of practice is available to those who want to become Chartered and is available to all occupational categories. Learn more about becoming [Chartered](#) and how to apply.

If you want to add building services engineering as an additional area of practice, [email](#) us to enquire about the process.

## Registration eligibility

Building services engineers may need to hold statutory registration in an Area of Engineering in accordance with relevant legislation. Check the [State registration](#) page for more information.