

Risk engineering

Area of Practice

Risk engineering deals with the effective and efficient application of engineering methodologies and approaches at every step of the risk management cycle, across strategic, operational, financial or portfolio/program/project objectives.

Some of the indicative activities that may be undertaken when practising risk engineering are:

- risk assessments of existing facilities and plants
- design for risk minimisation
- assessing risk for insurance or other commercial requirements
- recommendations on risk mitigation strategies for complex or significant works / facilities.

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

- commercial
- industrial
- environmental
- infrastructure.

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

How to apply

Risk engineering is an area of practice 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 risk engineering as an additional area of practice, [email](#) us to enquire about the process.