



## What is it?

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All work and process activity introduces an element of risk to people, the environment and the commercial operation. The identification, assessment and control of these risks are an essential part of achieving manufacturing/service excellence no matter the sector or size of the enterprise. Risk assessment, prevention and control are required through all stages in the life cycle of a business, process or service. Assessment techniques appropriate to each stage in the life cycle and proportional to the risk are required. When incidents occur, the risk of their recurrence and future loss can be reduced through incident investigation. Expert reports may also be required to support any ensuing litigation.



## Why is it important?

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The prevention and control of risk presents a number of benefits which may include:

- More efficient and safer operation
- Reduced capital investment due to better use of raw materials
- Lower inventory levels

In addition, legal or regulatory requirements to demonstrate that the risks have been identified, prevented or controlled (so far as is reasonably practicable) will be satisfied. This will ensure that the process or service is less likely to be subject to interruption due to unplanned incidents or the potential resulting regulatory intervention and associated costs.

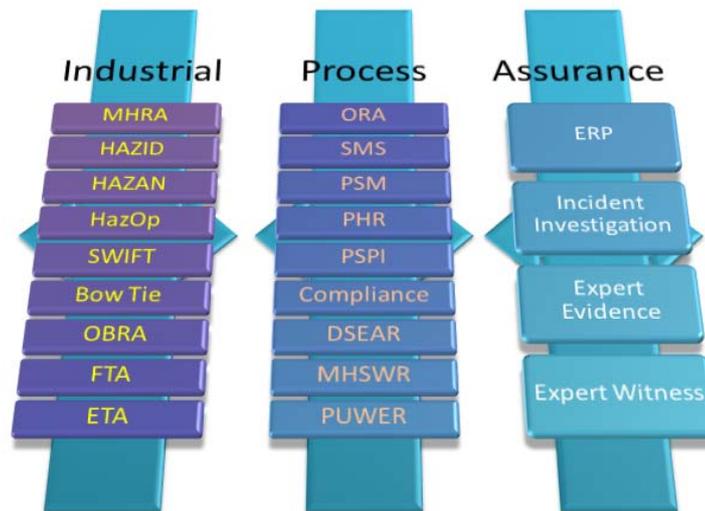
## What we do

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CRA can offer a robust approach in the following key areas to ensure the lifecycle integrity of safety systems designed to protect people, the environment or asset by:

- Identifying appropriate techniques to enable clear identification and analysis of potential risks
- Facilitating and recording hazard studies
- Identification of risk reduction measures to control the identified risks
- Selection and application of proportionate risk prevention and control measures to reduce the risks arising to as low as is reasonably practicable (ALARP)
- Developing and implementing appropriate Safety Management Systems (SMS) to ensure the safe conduct of operations

We offer the following key services to support our clients' activities and operations including services to support compliance with health & safety legislation.



CRA draws on the technical excellence and business awareness of a highly experienced team. Our personnel include foremost professionals from relevant engineering disciplines, who have significant experience of the UK's largest manufacturing companies.

Our capability statements describe each of our Industrial Process Assurance services.



CRA professionals have access to a range of well-known tools and software to deliver these services efficiently and cost effectively; our team are proficient in applying safety theory in a sensible and practical way taking account of the commercial and technical realities of each operating environment.