

## What's the purpose?

Bowtie analysis (also known as barrier diagrams) is an increasingly popular approach to help manage risk. This course introduces the bowtie methodology and examines in detail the various bowtie analysis components. The course also provides a critical review of the method's benefits, limitations and practical uses, with hands-on practice at applying the technique.

## Who is this for?

Managers, engineers, operators, HSE advisors and risk management practitioners.

### What does it cover?

- Introduction to risk assessment and bowties
- The bowtie method
- Assuring barrier integrity
- Effectiveness and ALARP for bowties
- Benefits and practical uses of bowties
- Facilitating bowtie workshops
- Bowtie software tools

### After completing the course you should be able to:

1. Analyse hazard scenarios by applying the bowtie method and designing a bowtie diagram
2. Develop integrity assurance for bowtie barriers
3. Devise risk acceptance criteria for hazards in bowties

	Hours	Delivery methods	
		Face-to-face	Distance learning
<b>Postgraduate</b>	80	2 days, followed by assessment	8 weeks' duration
<b>Risktec CPD</b>	20	2 days, followed by assessment	8 weeks' duration
<b>Attendance only</b>	15	2 days	---

*If you are a corporate client and would like a customised delivery, please contact the training team to discuss your requirements.*

## What prior study is recommended?

Education, skills or experience equivalent to undergraduate level. Risktec courses: Principles of Risk Management, Hazard Identification.

