

Onsite Course Outline BowTieXP

(Duration: 2 Days)

Course Pre-requisites

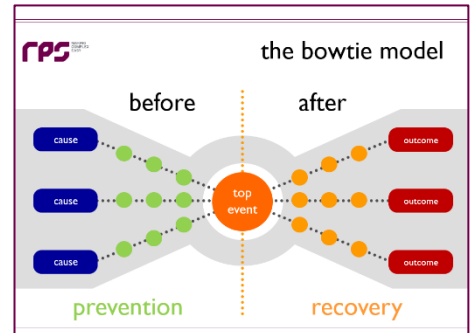
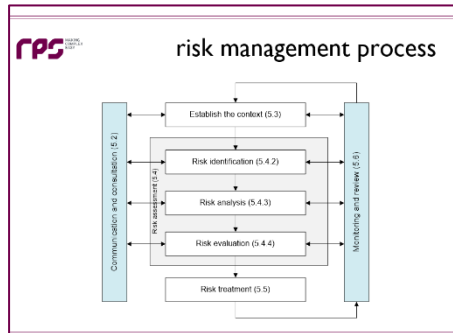
Attendees are required to have a sound understanding of the fundamentals of risk management and risk management processes. Attendees will also have basic computer skills and knowledge of Microsoft office products.

Course Overview Day 1

Introduction to Risk Management and BowTieXP Theory

- Risk Management Principles
- BowTieXP Methodology Theory

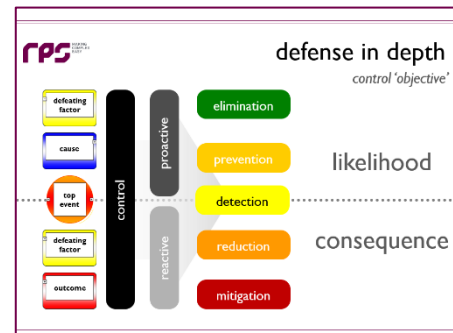
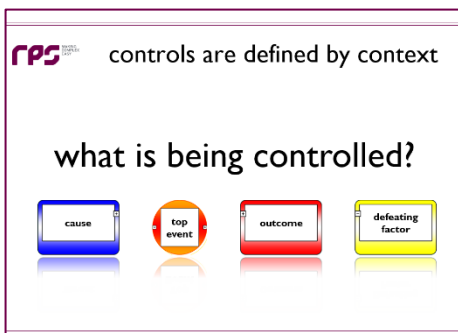
The program begins with the review of the risk management process that underpins the approach to qualitative risk management. The course branches out into a detailed explanation of how to apply the BowTieXP risk management methodology, to the analysis of major hazards and unwanted events. A practical approach is adopted throughout the presentation and is based on significant industry experience.



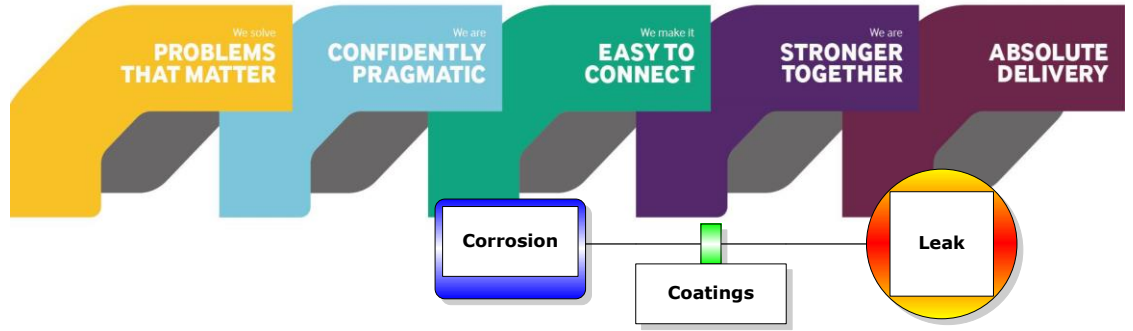
BowTieXP Risk Management Software Application

- BowTieXP software introduction
- BowTieXP software demonstration
- BowTieXP learning exercises

The methodology is applied using the BowTieXP software to expedite learning by creating simple Bowties using all of the Bowtie elements and navigating through the software considering various practical scenarios. This session addresses the best practices for using the software in a corporate learning environment and to use its powerful features to create risk assessments in preventing and minimising exposure to unwanted events in the workplace.



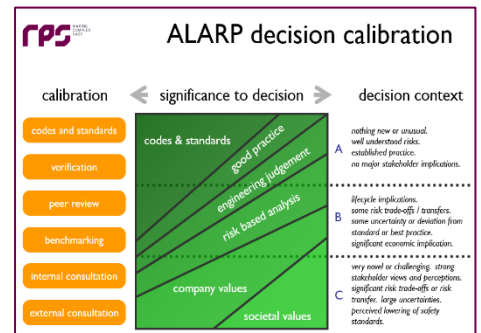
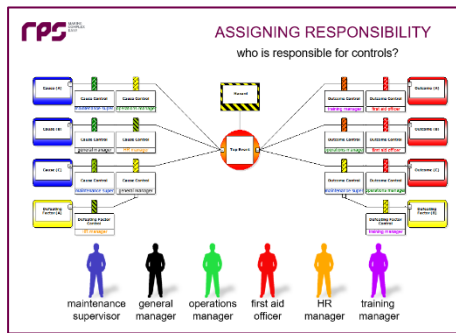
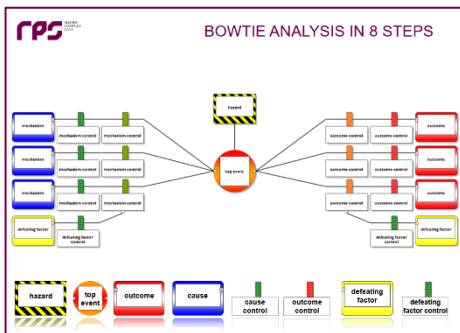
Rating	Availability	Reliability	Human Factor	
++	In place and used all of the time	Very reliable (100%)	No human involvement, simple instructions, easy to operate, intuitive process operator performance. Error practically impossible.	Very effective
+	In place and used most of the time (approx. > 95%)	Reliable (> 95% but < 100%)	Clearly defined task, defined operating procedures, personnel trained and experienced. Error conceivable but very unlikely.	Effective
0	In place and used occasionally (approx. > 50% but < 95%)	Fairly reliable (> 75% but < 95%)	Operating under stress, multi-step complex procedures, difficult to operate, person is trained but errors considered possible.	Fairly effective
-	Not permanently in place and used infrequently (approx. < 50%)	Unreliable (> 50% but < 75%)	Operating under high stress, complex or unclear procedures, inadequate training. Errors considered likely possible.	Ineffective
--	Not in place and never used	Very unreliable (< 50%)	Personnel unfamiliar with the task, very complex procedures, no operator training. Errors can be expected or emergency situation.	Very ineffective
?	Unknown	Unknown	Unknown	Unknown



Course Overview Day 2: BowTieXP Risk Management Software and Workshop

- BowTieXP advanced features for analysis
- BowTieXP case study

Day 2 begins with various navigation techniques, software demonstration of the advanced features of the software, hands-on exercises and case studies. The hands-on exercises provide a good insight into the capabilities of the software for reporting and risk analysis. By the end of Day-2 participants will be prepared to apply the BowTieXP management software in their workplace.



Tailored in-house / custom courses

Learning Outcomes

- Identify how and where bowtie analysis fits into existing risk management practices
- Use bowtie analysis for risk assessments
- Apply the BowTieXP software to implement bowtie analysis

In-house custom courses can also be delivered on demand at your location of choice we have global reach.

Contact Us

Who should attend?

Risk Engineers, Risk Managers, Auditors, Supervisors, Managers, Safety Professionals and leaders responsible for managing risk activities.

BowTieXP Software

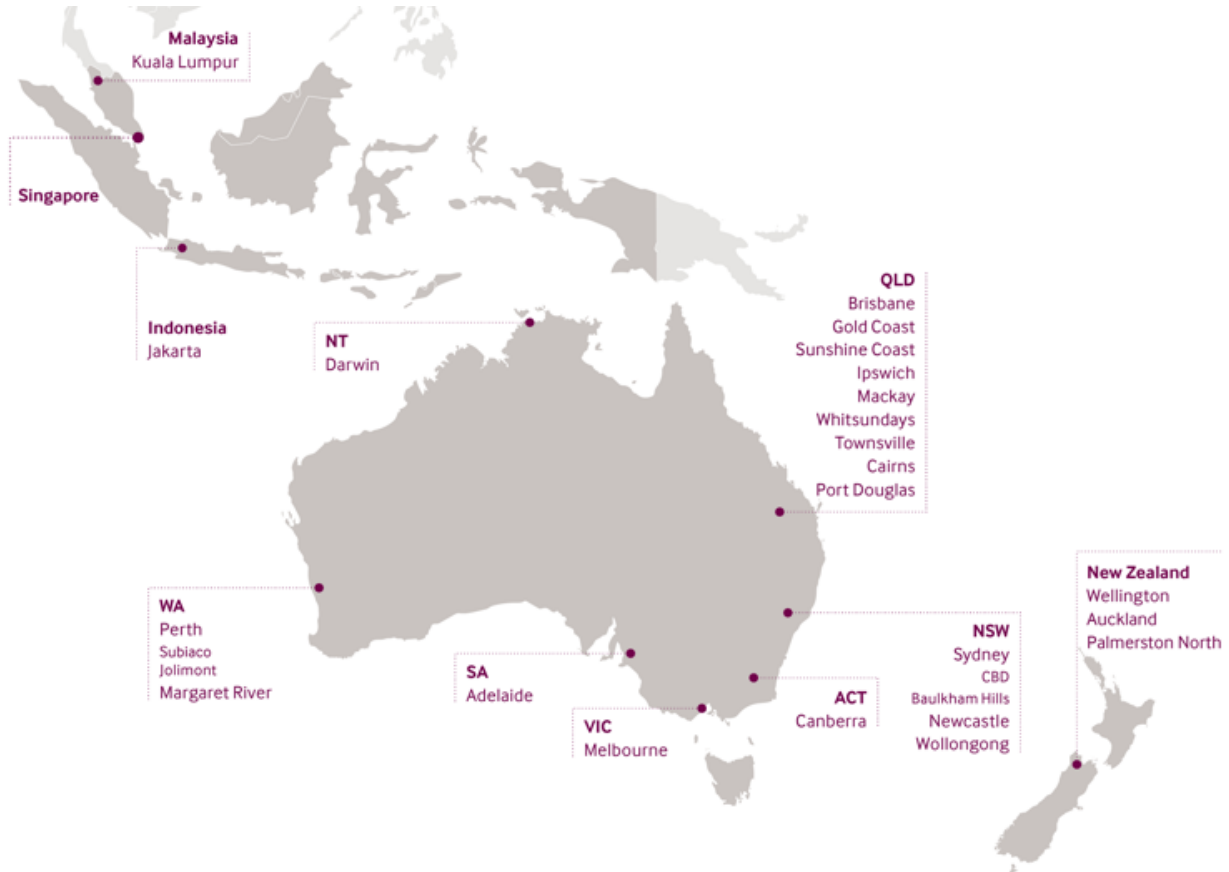
Attendees get free access to the BowTieXP software for two months and a Certificate of Attendance.

WESTERN AUSTRALIA
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Email
bowtie@bowtierisksolutions.com.au



Course Dates



Western Australia

6 – 7th June 2023, Perth

South Australia

4 – 5th July 2023, Adelaide

Victoria

11 – 12th July 2023, Melbourne

Queensland

5 – 6th September 2023, Brisbane

New South Wales

12 – 13th September 2023, Sydney

New Zealand

2nd – 3rd May 2023, Auckland

14th – 15th August 2023, Wellington

ASEAN

8 – 9th August 2023, Malaysia



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In a complex world, we create shared value by solving problems that matter to a growing, urbanising and resource-scarce world



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