

COURSE DESCRIPTION

The **Bowtie** methodology is designed to provide the right level of detail to facilitate understanding and risk-based decision-making, without oversimplifying a process. This course reflects current industry good practice (CCPS Bow Tie In Risk Management - A Concept Book for Process Safety) and will help you better understand the methodology and how to conduct a bowtie analysis effectively in the management of process safety and environmental and asset integrity scenarios. Visualizing critical & complex hazardous scenarios allows all stakeholders to better appreciate the context of their role and the significance of the risk controls (often Safety Critical Elements or Tasks) for which they are responsible.

COURSE OBJECTIVE

By the end of this training course, you will understand:

- When and why to use bowtie analysis
- Individual bowtie components and how they are assembled to illustrate a scenario
- How to apply Bowtie methodology
- How to facilitate and plan bowtie workshops
- Bowtie analysis' interdependencies with other techniques
- The importance of monitoring & sustaining barrier (SCE) performance during operations,
- maintenance and modifications.

WHAT YOU'LL LEARN

- Bowtie concepts and risk management
- Bowtie development & workshops
- Human Factors in bowtie analysis
- Primary uses of bowties
- Barrier monitoring
- Learning from events
- Other uses of bowties

TARGET GROUP:

Anyone with a basic knowledge of the **Bowtie methodology** but is seeking to become more expert in its application. The course would particularly benefit management, engineering and operations/maintenance personnel with responsibility, for managing hazards and implementing/sustaining risk control measures.

PRE-REQUISITES:

You must have completed any one or all of the following courses:

- [iSTEC Introduction or Implementation ISO45001:2018](#)
- [iSTEC Introduction or Implementation ISO9001:2015](#)
- [iSTEC Introduction or Implementation ISO 14001:2015](#)

CONTACT DETAILS: For Registration and Full Course Brochure

E-Mail: Erica Schutte
erica@istecsafty.com
or
admin@istecsafty.com

Tel: +27 84 803 2327
+27 13 004 0001

BOOK NOW



COURSE INFORMATION :

Duration: 6 Hours

Location: Virtual

Professional Body: SAIOSH

Course Dates : 23 April, 28May, 02July

Course Cost : R 2000.00 excl VAT

Special Discounted Rate may apply for ~
Early Birds ~ SAIOSH Members ~ Groups
of 3+