



2-Day BowTieXP Training Course

October 11-12 2018 - Aberdeen, UK

Morgenstern Energy & CGE Risk Management Solutions invite you to attend the upcoming 2-day BowTieXP Training Course in your region. By means of extensive theory and interactive exercises, you will be prepped to undertake qualitative risk assessments using the best methodologies and tools. You will learn all about the bowtie method and how to apply the latest user-friendly, innovative features of BowTieXP. Next, we will discuss the next steps in barrier based risk management, integrating incident analysis and scenario based audits using bowties.

Date & Time

This course will take place on October 11-12 2018. The program will start at 09:00h and end around 17:00h each day. Check out the next page for the detailed program.

In case of questions, please feel free to contact CGE via events@cgerisk.com or +31(0)88 1001 350.

Registration

Please click [here](#) to sign up**.

The participation fee is £690*. This includes training materials, a BowTieXP 30-day software trial and buffet lunch/beverages.

Register now, order your software license within 90 days after the training and receive 10% discount on the license fee.

Venue

This event will take place at the Balmorals Suite of the Norwood Hall Hotel:

Garthdee Rd
Aberdeen AB15 9FX
United Kingdom

Click [here](#) for more information.

Day 1

09:00 – 09:30	Introduction to the course and CGE's unique integrated software modules.
09:30 – 11:15	Bowtie methodology: History, Why bowties? Advantages and usage. The BowTieXP software is used to embed the learning of the 8 steps in bowtie analysis: Hazard, Top-Event, Threat, Consequence, Barrier, Escalation Factor and Escalation Factor Barrier.
11:15 – 11:30	- Break -
11:30 – 12:30	Bowtie methodology: group exercise.
12:30 – 13:15	- Lunch -
13:15 – 15:00	Bowtie methodology & software workshop: development of a basic bowtie – individual exercise.
15:00 – 15:15	- Break -
15:15 – 16:00	Bowtie methodology & software workshop: development of a basic bowtie – individual exercise (cont.).
16:00 – 17:00	Introduction to concept book by Center for Chemical Process Safety & Energy Institute: 'Bow Ties

Day 2

09:00 – 10:00	Advanced methodology & software: in-depth revisit of the critical elements of a bowtie and their relationships. What a bowtie can tell you about your risk maturity? BowTieXP as your barrier management database, creating a risk-based Safety Management System, using & customising risk matrices and ALARP. Importing, flexible displays, filtering, reporting and templates.
10:00 – 10:15	- Break -
10:15 – 12:15	Dynamic BowTies using IncidentXP & AuditXP (including discussion of LOPA): Introduction to barrier-based incident analysis, with linking to your bowties. The next steps in using BowTieXP including integration incident analysis with bowties and creating scenario based audits using bowties – group exercise.
12:15 – 13:00	- Lunch - (with a short video on the Swiss Cheese model)
13:00 – 14:00	Advanced software & workshop: development of a bowtie – group exercise (cont.).
14:00 – 15:00	Operationalisation of bowties: How you apply bowties in aspects of daily operations (i.e. High risk
15:00 – 15:15	- Break -
15:15 – 16:15	Operationalisation of bowties (cont.): group exercise
16:15 – 17:00	Technology to Improve Bowties OM

Attend and receive 10% discount on your license fee!



**NOTE: The course registration fees are EXCLUSIVE of any and all state and country taxes. If your payment is subject to any taxes, payment of these remains the responsibility of your organization.*

***Cancellation Policy: Once registration has been submitted and processed, no refund is possible. If for any reason you are no longer able to attend the master class event for which you have registered, you will be entitled to free entry into another BowTieXP Training Course.*