Garnet
Garnet Global Training Center

GGT-HS-125

HSE & Process Safety

Bow-Tie Risk Analysis

تحليل المخاطر بنموذج Bow-Tie

Duration	Language	Formats	Hours	Level
5 or 10 days	**English or Arabic**	**Classroom, online, in-house**	**35 / 70**	**Intermediate (practitioner)**

Overview

Bow-Tie Risk Analysis focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. Prevent incidents by understanding hazards, controlling risk and leading safety culture. You can join a public session in one of 20 cities or live online, in English or Arabic, or bring the course in-house with examples from your own operations.

What you will be able to do

- Apply the methods and standards of Bow-Tie Risk Analysis to real tasks.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.

Who should attend

HSE professionals, operations leaders, supervisors and anyone accountable for safe work. Practitioners with one to five years of experience benefit most.

Key topics

- Hazard identification and risk assessment
- Barriers, bow-tie and layers of protection
- Legal duties and international standards
- Human factors and safety culture
- Emergency preparedness
- Lessons from major accident investigations

Formats and fees

5-day classroom	**USD 4,750**
5-day online	**USD 2,950**
10-day classroom	**USD 8,950**
10-day online	**USD 5,450**
In-house	**Quotation per group**

Fees per participant, excluding VAT.

Register or ask

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Email: info@garnettrainings.com

Training: training@garnettrainings.com

Web: garnettrainings.com

Sharjah Publishing City Free Zone, Sharjah, UAE

Certificate

Participants who attend at least 90% of sessions and complete the final assessment receive a certificate of completion stating 35 contact hours (5-day) or 70 contact hours (10-day).

5-day outline

Day 1 Bow-Tie Risk Analysis: principles and standards
- Hazard identification and risk assessment
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice
- Barriers, bow-tie and layers of protection
- Legal duties and international standards

Day 3 Diagnosis and problem solving
- Human factors and safety culture
- Regional and international case studies

Day 4 Quality, safety and documentation
- Emergency preparedness
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan
- Lessons from major accident investigations
- Group discussion and peer review

10-day outline

Day 1 Bow-Tie Risk Analysis: principles and standards
- Hazard identification and risk assessment
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice
- Barriers, bow-tie and layers of protection
- Legal duties and international standards

Day 3 Diagnosis and problem solving
- Human factors and safety culture
- Regional and international case studies

Day 4 Quality, safety and documentation
- Emergency preparedness
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan
- Lessons from major accident investigations
- Group discussion and peer review

Day 6 Advanced techniques and specialist practice
- Complex cases in depth
- Measurement and reporting

Day 7 Digital tools, data and automation
- Analysis tools and software
- Using AI in this field

Day 8 Benchmarking against international practice
- Global performance benchmarks
- Hands-on workshop on a workplace challenge

Day 9 Capstone project
- Analyse a real challenge from your organisation
- Build the solution and implementation plan

Day 10 Presentations, final assessment and certificates
- Project presentations and review
- Final exam and certificate award

Schedule 2027–2030

Dates	Format	City	Language	Fee (USD)
18–29 Jan 2027	10-day classroom	Barcelona	English	8,950
6–10 Jun 2027	5-day classroom	Jeddah	Arabic	4,750
19–23 Jul 2027	5-day online	Live online	Arabic	2,950
17–21 Oct 2027	5-day classroom	Riyadh	Arabic	4,750
6–17 Feb 2028	10-day classroom	Cairo	Arabic	8,950
6–10 Mar 2028	5-day classroom	Dubai	Arabic	4,750
9–20 Oct 2028	10-day online	Live online	Arabic	5,450
11–15 Dec 2028	5-day classroom	Amsterdam	English	4,750
12–16 Mar 2029	5-day classroom	Geneva	English	4,750
7–11 May 2029	5-day online	Live online	English	2,950

Dates	Format	City	Language	Fee (USD)
16–20 Jul 2029	5-day classroom	Abu Dhabi	English	4,750
3–14 Dec 2029	10-day classroom	Istanbul	English	8,950
18–22 Mar 2030	5-day classroom	Vienna	English	4,750
8–19 Apr 2030	10-day online	Live online	English	5,450
1–5 Jul 2030	5-day classroom	Kuala Lumpur	English	4,750
8–19 Dec 2030	10-day classroom	Doha	Arabic	8,950

Customised and in-house versions of this course are available on request. garnettrainings.com/en/customise/