

Modern HAZOP Process: Advanced Techniques for Risk Analysis

Health & Safety
Kuala Lumpur (Malaysia)
29 Sep - 03 Oct 2025

UK Training

PARTNER

A close-up photograph of chess pieces on a checkered board. In the foreground, a large, ornate gold king piece stands prominently. To its left, a smaller silver pawn is visible. Further back, another silver pawn is positioned. The background features concentric circles, suggesting a target or focus. The overall composition is clean and professional, with a focus on strategic thinking.

Modern HAZOP Process: Advanced Techniques for Risk Analysis

Ref: 3276_137855 **Date:** 29 Sep - 03 Oct 2025 **Location:** Kuala Lumpur (Malaysia) **Fees:** 4200 Euro

Course Description

This comprehensive 5-day course equips participants with advanced knowledge and skills in modern HAZOP methodologies. Attendees will learn to conduct thorough hazard and operability studies using cutting-edge techniques and digital tools. The course covers the entire HAZOP process, from planning to implementation and follow-up, with a focus on practical application in various industrial settings.

Learning Objectives

- Master advanced HAZOP techniques and their application in complex systems
- Develop proficiency in using digital tools for HAZOP studies
- Learn to effectively lead and participate in HAZOP teams
- Understand how to integrate HAZOP with other risk assessment methodologies
- Gain insights into industry best practices and regulatory compliance

Course Modules

Day 1: Foundations of Modern HAZOP

- Evolution of HAZOP methodology
- Risk assessment fundamentals
- HAZOP in the context of process safety management
- Introduction to digital HAZOP tools

Day 2: Advanced HAZOP Techniques

- Innovative guidewords and their application
- Complex system analysis strategies
- Integrating human factors in HAZOP
- Scenario-based HAZOP approaches

Day 3: Digital Tools and HAZOP

- Overview of HAZOP software solutions
- Data management and analysis in digital HAZOP
- Real-time collaboration tools for HAZOP teams
- Practical exercises using digital HAZOP platforms

A graphic of a chessboard with several chess pieces (king, queen, rook, knight, and pawns) in gold and silver. The text 'UK Training PARTNER' is overlaid on the board.

UK Training
PARTNER

Day 4: HAZOP Team Dynamics and Leadership

- Effective HAZOP team composition
- Facilitating productive HAZOP sessions
- Managing conflicting opinions and reaching consensus
- Strategies for remote and hybrid HAZOP studies

Day 5: HAZOP Integration and Best Practices

- Combining HAZOP with other risk assessment methods
- Industry-specific HAZOP applications
- Regulatory compliance and HAZOP
- Continuous improvement in HAZOP processes

Practical Wins for Participants

- Ability to lead and conduct more efficient and effective HAZOP studies
- Proficiency in using digital tools to streamline the HAZOP process
- Enhanced skills in identifying and mitigating complex process hazards
- Improved capability to ensure regulatory compliance through advanced HAZOP techniques

A graphic of a chessboard with several chess pieces. A large gold king piece is in the foreground, with a silver pawn and a silver knight behind it. In the background, there are concentric circles emanating from a point on the board.

UK Training
PARTNER

Blackbird training cities



Amman (Jordan)



Amsterdam (Netherlands)

Accra (Ghana)

Annecy (France)

Baku (Azerbaijan)

Bali (Indonesia)

Bangkok (Thailand)

Bangkok (Thailand)

Barcelona (Spain)

Batumi (Georgia)

Beijing (China)

Beirut (Lebanon)

Berlin (Germany)

Birmingham (UK)

Bordeaux (France)

Boston, Massachusetts (USA)

Brussels (Belgium)

Cairo (Egypt)

Cape Town (South Africa)

Casablanca (Morocco)

Cascais (Portugal)

Copenhagen (Denmark)

Doha (Qatar)

Dubai (UAE)

Düsseldorf (Germany)

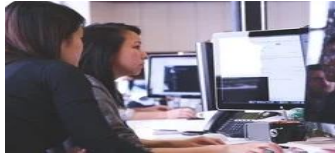
UK Training
PARTNER



Blackbird Training Category



Human Resource



Audit & Quality Assurance



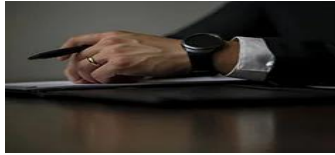
Finance, Accounting, Budgeting



Marketing, Sales, Customer Service



Secretary & Admin



Law and Contract Management



Project Management



IT & IT Engineering



Supply Chain & Logistics



Management & Leadership



Professional Skills



Oil & Gas Engineering



Health & Safety



Telecom Engineering



Hospital Management



Customs & Safety



Aviation



C-Suite Training



Agile and Refinement



Blackbird training Clients



MANNAI Trading
Company WLL,
Qatar



Alumina Corporation
Guinea



Booking.com
Netherlands



Oxfam GB International
Organization,
Yemen



Capital Markets
Authority,
Kuwait



Waltersmith Petroman Oil Limited
Nigeria



Qatar National Bank
(QNB),
Qatar



Qatar Foundation,
Qatar



AFRICAN UNION ADVISORY
BOARD ON CORRUPTION,
Tanzania



KFAS
Kuwait



Reserve Bank of
Malawi,
Malawi



Central Bank of Nigeria
Nigeria



Ministry of Interior
Kingdom of Saudi Arabia
KSA



Mabruk Oil Company
Libya



Saudi Electricity
Company,
KSA



BADAN PENGELOLA
KEUANGAN Haji,
Indonesia



NATO
Italy



ENI CORPORATE
UNIVERSITY,
Italy



Gulf Bank
Kuwait



General Organization for
Social Insurance
KSA



Defence Space Administration
Nigeria



National Industries
Group (Holding),
Kuwait



Hamad Medical
Corporation,
Qatar



USAID
Pakistan



STC Solutions,
KSA



North Oil company,



EKO Electricity



Oman Broadband



UNITED NATIONS
UN.



Authority for

UK Training
PARTNER



LONDON TRAINING PROVIDER



www.blackbird-training.com



training@blackbird-training.com



+44 7480 775526 / +44 7401 177335