Hazop Leader

Course Title	Hazop Leader
Country	London
Location	4-5 Star Hotel
Time	8AM - 2PM
Date	05 - 09 January 2026

For: HAZOP Team Leaders, Process Engineers, and Safety Professionals
Outcome: Graduates will confidently plan, facilitate, and document HAZOP studies while managing team dynamics and regulatory compliance.

Daily Breakdown

(4-5 hours/day, mix of theory and workshops)

Day 1: HAZOP Fundamentals & Setup
Core Knowledge:
HAZOP purpose, standards (IEC 61882), and legal requirements
When to use HAZOP vs. other risk tools (FMEA, What-If)
Practical:
Identify nodes in a real P&ID (team exercise)
Tool: Guideword cheat sheet (downloadable)

Day 2: Deviation Analysis & Scenarios
Core Knowledge:
7-step HAZOP methodology (with case videos)
Spotting hidden deviations (e.g., reverse flow, contamination)
Practical:
Workshop: Analyze a pump system using guidewords
Red Team Challenge: Find flaws in a pre-done HAZOP

Day 3: Team Leadership & Facilitation
Core Knowledge:
Roles (Leader/Scribe/Experts) and managing dominant personalities
Time management for efficient sessions
Practical:
Simulation: Facilitate a live HAZOP (with actor-led disruptions)
Feedback: Peer reviews of facilitation style

Day 4: Advanced Applications
Core Knowledge:
Linking HAZOP to LOPA and safety systems
Software demo (PHA-Pro/SPRING) for documentation
Practical:
Case Study: HAZOP + LOPA for a distillation column
Template: Risk matrix for prioritizing actions

Day 5: Real-World Implementation
Core Knowledge:
Writing clear, actionable reports
Tracking recommendations to closure
Practical:
Final Assessment: Teams conduct a mini-HAZOP on a furnace system (graded)
Takeaway: Custom facilitation checklist + regulatory compliance guide