

# Strategic Implementation of Risk Based Process Safety (RBPS)

*London (UK)*

*19 - 23 May 2025*

UK Training

# PARTNER



## Strategic Implementation of Risk Based Process Safety (RBPS)

Code: HS28 From: 19 - 23 May 2025 City: London (UK) Fees: 5100 Pound

### Introduction

Risk-Based Process Safety Management RBPS was developed by the Center for Chemical Process Safety CCPS in the USA and builds on the original process safety management ideas published in the early 1990s. RBPS provides a guideline that helps build and operate a more effective system to manage process risks. This course will assist companies to reduce risk and avoid losses reducing from the unintended releases of toxic, reactive, or flammable liquids and gases in processes involving highly hazardous materials. RBPS also has industry-wide benefits as an incident at an unrelated company negatively affects the public's perception of the entire chemical and oil industries. Course participants will have one sight visit to a company related to their job specification Petrochemical company.

### Course Objectives of Risk-Based Process Safety Management RBPS

- Understand how major accidents happen in the chemical and oil industries
- Identifying potential failure modes or deviations that could lead to incidents at your company's processing facilities
- Understand and discuss the principles of an inherently safer design
- Understand the framework for Risk-Based Process Safety Management
- Understand and discuss the application of the twenty elements of RBPS
- Understand the auditing system of PSM
- Understand some process hazard analysis techniques such as SIL & LOPA

### Risk-Based Process Safety Management RBPS Course Outlines

#### Day 1

- Importance of process safety management.
- Key requirements for process safety management.
- Process safety culture and competency
- Compliance with standards
- Authentic leadership and commitment to process safety

#### Day 2

- Training and Performance Assurance
- Management of Change
- Operational Readiness
- Operational Discipline
- Emergency Management

#### Day 3



- Incident Investigation
- Measurement and Metrics
- Auditing
- Management Review and Continuous Improvement
- Contractor Management

#### Day 4

- Process Safety Culture
- Compliance with Standards
- Process Safety Competency
- Workforce Involvement
- Overview of LOPA & SIL

#### Day 5

- Process Knowledge Management
- Hazard Identification and Risk Analysis
- Operating Procedures
- Safe Work Practices
- Asset Integrity and Reliability



# Blackbird Training Cities

## Europe



Malaga (Spain)



Sarajevo (Bosnia and Herzegovina)



Oporto (Portugal)



Glasgow (Scotland)



Edinburgh (UK)



Oslo (Norway)



Anney (France)



Bordeaux (France)



Copenhagen (Denmark)



Birmingham (UK)



Lyon (France)



Moscow (Russia)



Stockholm (Sweden)  
(Netherlands)



Podgorica (Montenegro)



Batumi (Georgia)



London (UK)



Istanbul (Turkey)



Amsterdam



Düsseldorf (Germany)



Paris (France)



Barcelona (Spain)



Munich (Germany)



Geneva (Switzerland)



Prague (Czech)



Vienna (Austria)



Rome (Italy)



Brussels (Belgium)



Madrid (Spain)



Berlin (Germany)



Lisbon (Portugal)



Zurich (Switzerland)



Manchester (UK)



Milan (Italy)



# Blackbird Training Cities

## USA & Canada



Los Angeles (USA)



Orlando, Florida (USA)



Online



Phoenix, Arizona (USA)



Houston, Texas (USA)



Boston, MA (USA)



Washington (USA)



Miami, Florida (USA)



New York City (USA)



Seattle, Washington (USA)



Washington DC (USA)



In House



Jersey, New Jersey (USA)



Toronto (Canada)

## Africa



Baku (Azerbaijan)  
(Thailand)



Maldives (Maldives)



Doha (Qatar)



Manila (Philippines)



Bali (Indonesia)



Bangkok



Beijing (China)



Singapore (Singapore)



Sydney (Australia)



Tokyo (Japan)



Jeddah (KSA)



Riyadh (KSA)



Dubai (UAE)



Kuala Lumpur (Malaysia)



Kuwait City (Kuwait)



Pulau Ujong (Singapore)



Jakarta (Indonesia)



Amman (Jordan)



Beirut (Lebanon)



## Blackbird Training Cities

### Asia



Kigali (Rwanda)



Cape Town (South Africa)



Accra (Ghana)



Lagos (Nigeria)



Marrakesh (Morocco)



Nairobi (Kenya)



Zanzibar (Tanzania)



Tangier (Morocco)



Cairo (Egypt)



Sharm El-Sheikh (Egypt)



Casablanca (Morocco)



Tunis (Tunisia)



## Blackbird Training Clients



UK Training  
**PARTNER**



## Blackbird Training Categories

### Management & Admin

Professional Skills  
Finance, Accounting, Budgeting  
Media & Public Relations  
Project Management  
Human Resources  
Audit & Quality Assurance  
Marketing, Sales, Customer Service  
Secretary & Admin  
Supply Chain & Logistics  
Management & Leadership  
Agile and Elevation

### Technical Courses

Hospital Management  
Public Sector  
Special Workshops  
Oil & Gas Engineering  
Telecom Engineering  
IT & IT Engineering  
Health & Safety  
Law and Contract Management  
Customs & Safety  
Aviation  
C-Suite Training



**BLACKBIRD**  
FOR TRAINING

 International House 185 Tower Bridge  
Road London SE1 2UF United Kingdom

 +44 7401 1773 35  
+44 7480 775526

 [Sales@blackbird-training.com](mailto:Sales@blackbird-training.com)

 [www.blackbird-training.com](http://www.blackbird-training.com)

