

Root Cause Analysis

Düsseldorf (Germany)

3 - 7 November 2025

UK Training

PARTNER



Root Cause Analysis

Code: QM28 From: 3 - 7 November 2025 City: Düsseldorf (Germany) Fees: 4200 Pound

Introduction

Root Cause Analysis RCA is one of the most effective methods for identifying and resolving underlying causes of problems across various industries. This specialized course provides a comprehensive exploration of root cause analysis RCA principles, advanced techniques, and tools, focusing on how to effectively identify and address root causes in problem-solving and quality management processes. Participants will learn to apply RCA tools in real-world scenarios, empowering them to improve performance and ensure sustainability in their organizations.

Course Objectives

By the end of this course, participants will be able to:

- Gain a solid understanding of root cause analysis principles and advanced root cause identification techniques.
- Apply RCA methods such as 5 Whys, Fishbone Diagram, and Fault Tree Analysis to real-world situations.
- Engage in practical RCA exercises using case studies to identify root causes effectively.
- Develop actionable strategies for implementing root cause analysis in their organizations.

Course Outlines

Day 1: Introduction to Root Cause Analysis RCA

- Understanding root cause analysis principles and methodologies.
- Key techniques: 5 Whys, Fishbone Diagram, and Fault Tree Analysis.
- Benefits and applications of root cause analysis in various industries.
- Distinguishing between symptoms and the root cause.

Day 2: Advanced Tools and Techniques

- Data collection and analysis methods for effective root cause analysis.
- Advanced tools for RCA: Cause-and-Effect Matrix, Pareto Analysis, and Process Mapping.
- Applying Failure Mode and Effect Analysis FMEA in RCA.
- Introduction to RCA software and data visualization tools.

Day 3: Practical Application

- Real-world case studies and examples of root cause analysis.
- Group exercises applying advanced RCA tools.
- Identifying and overcoming common challenges in implementing root cause analysis.
- Techniques for validating root causes in different scenarios.

A graphic of a chessboard with several chess pieces (a king, a pawn, and a knight) on it, set against a background of concentric circles.

UK Training
PARTNER

Day 4: RCA and Improvement Approaches

- Integrating RCA with risk management strategies.
- Interactive workshops focused on applying root cause analysis in different sectors.
- Approaches for monitoring and sustaining the outcomes of RCA.
- The role of RCA in driving continuous improvement in processes.

Day 5: Implementation and Review

- Developing a tailored root cause analysis framework for your organization.
- Overcoming challenges and resistance during the implementation phase.
- Creating an action plan and reviewing the course material.
- Strategies for tracking progress and refining the RCA process.

Why Attend this Course: Wins & Losses!

Root Cause Analysis is a powerful tool for improving operational efficiency and quality in any organization. By mastering advanced root cause analysis methods and tools, you will be able to:

- Accurately identify root causes of problems, leading to permanent solutions rather than just addressing symptoms.
- Improve quality performance across departments and projects using advanced root cause analysis techniques such as Cause-and-Effect Matrix and Pareto Analysis.
- Apply RCA in various fields such as facilities management, ensuring sustainable solutions and reducing recurring issues.
- Obtain a root cause analysis certification that enhances your professional skills and opens new career opportunities in quality management and risk management.

Conclusion

By the end of this course, you will have the tools and skills necessary to identify the root cause of problems and implement effective, impactful solutions. Whether you are working in facilities management or any other industry, you will be able to apply root cause analysis to improve performance, reduce costs, and increase efficiency. Take this opportunity to enhance your root cause analysis skills and deliver innovative, sustainable solutions within your organization.

A graphic of a chessboard with several chess pieces (pawns and a king) on it, set against a background of concentric circles.

UK Training
PARTNER

Blackbird Training Cities

Europe



Malaga (Spain)



Sarajevo (Bosnia and Herzegovina)



Oporto (Portugal)



Glasgow (Scotland)



Edinburgh (UK)



Oslo (Norway)



Annecy (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)

UK Training
PARTNER

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



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

 +44 7401 1773 35
+44 7480 775526

 Sales@blackbird-training.com

 www.blackbird-training.com

UK Training
PARTNER

