



*Training Course:
Root Cause Analysis Management (RCAM)*

*2 - 6 August 2026
Dubai (UAE)*

Training Course: Root Cause Analysis Management (RCAM)

Training Course code: MA236394 From: 2 - 6 August 2026 Venue: Dubai (UAE) - Training Course Fees: 5200 € Euro

Introduction

The Root Cause Analysis Management RCAM training program is a comprehensive and professionally structured program designed by Global Horizon Training Center to equip participants with the knowledge, tools, and managerial capabilities required to systematically identify, analyze, and eliminate the root causes of problems, incidents, failures, and non-conformities.

Rather than focusing on symptom treatment, this program emphasizes a disciplined, evidence-based approach to analysis and management, enabling organizations to prevent recurrence, enhance operational reliability, improve safety and quality performance, and support continuous improvement initiatives. The program integrates analytical techniques with management practices to ensure that Root Cause Analysis outcomes translate into effective corrective and preventive actions.

Training Objectives

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

- Understand the principles, scope, and value of Root Cause Analysis Management.
- Differentiate clearly between symptoms, direct causes, contributing factors, and root causes.
- Apply structured RCA methodologies in a consistent and systematic manner.
- Conduct effective investigations of incidents, failures, deviations, and performance gaps.
- Develop robust corrective and preventive action plans based on RCA findings.
- Integrate RCA processes into organizational management, quality, safety, and risk systems.
- Enhance organizational learning and continuous improvement through lessons learned.

Target Audience

This program is designed for:

- Operations, Maintenance, and Reliability Managers
- Quality, HSE, and Risk Management Professionals

- Engineers and Technical Specialists
- Internal Auditors and Compliance Professionals
- Supervisors, Team Leaders, and Section Heads
- Professionals involved in investigations, audits, and improvement initiatives

Outlines

Day 1: Fundamentals of Root Cause Analysis Management

- Introduction to RCAM concepts and management principles
- Problem identification: symptoms vs. causes vs. root causes
- Importance of RCAM in operational excellence and risk reduction
- Common pitfalls in problem-solving and investigations
- Overview of RCA standards, models, and best-practice frameworks
- Case discussion: consequences of ineffective root cause analysis

Day 2: Root Cause Analysis Tools and Methodologies

- Overview of commonly used RCA methodologies
- Cause-and-effect logic and analytical thinking
- Fishbone Ishikawa diagrams
- The 5 Whys technique: strengths and limitations
- Introduction to Fault Tree Analysis FTA
- Selecting the appropriate RCA tool for different problem types

Day 3: Investigation, Data Collection, and Analysis

- Defining clear and accurate problem statements
- Evidence collection and data validation techniques
- Interviewing skills and fact-finding methods

- Event timeline and sequence analysis
- Identifying human, technical, and organizational contributing factors
- Managing bias, assumptions, and incomplete information

Day 4: Corrective and Preventive Action Management

- Translating RCA findings into effective corrective actions
- Designing preventive actions to avoid recurrence
- Risk-based prioritization of corrective and preventive measures
- Integration of RCAM with quality, safety, and risk management systems
- Monitoring action implementation and verifying effectiveness
- Documentation, reporting, and management review processes

Day 5: Embedding RCAM into Organizational Systems

- Governance and ownership of RCAM processes
- Roles and responsibilities in investigations and follow-up
- Lessons learned, knowledge sharing, and organizational learning
- Building a proactive and sustainable problem-solving culture
- Practical group exercise: end-to-end RCAM case study
- Program review, key takeaways, and closing session

Registration form on the Training Course: Root Cause Analysis Management (RCAM)

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