



## Root Cause Analysis Training for All Industry Sectors

Learn how to identify the source of faults, failures and undesired outcomes in processes and design, and how to solve these problems, on this Root Cause Analysis for All Industry Sectors training course.

This 2-day course introduces delegates to different problem-solving tools and techniques. Delegates can then turn theories into practice through a series of highly interactive and practical exercises and workshops. Collaborating in teams, delegates will use techniques such as 8D, 5 Whys and localisation to solve a range of product and process problems.

The course will prepare delegates for typical workplace RCA practices, including problem identification, RCA tool selection and report writing.

### COURSE DURATION

2 days

### CPD

Equivalent to 12 hours

### COURSE PRICE

From £945 + VAT

### DATES & VENUES

[View dates & venues](#)

### CERTIFICATES

All delegates will receive a certificate on completion.

## Who should attend?

This course is suitable for those interested in identifying and solving problems in any industry sector, including:

- managers responsible for process and quality improvements
- quality managers
- internal and external auditors
- line managers and supervisors involved in managing customer and/or supplier relationships
- problem-solving team members and leaders
- product or process designers
- industrial, production and process engineers

Those working in the NHS and private healthcare sectors may prefer to attend our specialised Root Cause Analysis Training for NHS and Healthcare Professionals course.

We also run an Incident Investigation & Root Cause Analysis training course designed to focus on conducting thorough workplace incident reviews.

Please note that it is advisory for delegates to bring a laptop for use during this course if possible.

## Key topics

Topics covered on the course include:

- identifying problems
- the role and principles of root cause analysis
- overview of the industry standard 8D/G8D process
- raising a problem
- problem-solving teams
- types of problems: common and special causes

- isolated events and repeating problems
- problem-solving strategy
- common problem-solving tools
- process compliance
- statistical techniques in problem solving
- localisation in time, space and sequence
- 5 Whys
- process mapping and contrasting symptom routes
- Shainin's multi-vari analysis
- isoplots and measurement systems analysis
- using RCA to be proactive rather than reactive
- corrective and preventive action
- mistake proofing
- proving causes
- solution analysis
- project managing solution



Delegates will receive a Certificate of Completion in recognition of their new Root Cause Analysis knowledge and skills.

## Course agenda & Skills gained >

## Course agenda

Our training courses are designed to optimise the learning experience for delegates both in face-to-face settings and in our Virtual Classroom.

Under the guidance of our expert tutors, attendees will follow an agenda which is briefly outlined below:

- Welcome and Introductions
- Module 1 Why do we investigate?
- Module 2 Investigator Mindset
- Module 3 Planning & Team Selection
- Module 4 Event mapping
- Workshop 1 Case Study Review
- Workshop 2 Build Investigation Timeline
- Module 5 Information Gathering
- Module 6 Human Factors in RCA
- Module 7 Interviewing Personnel
- Workshop 3 Identify Failure Mode
- Workshop 4 Interview Planning
- Module 8 Transition to Analysis
- Module 9 Identifying Causation
- Workshop 5 Timeline Review
- Workshop 6 Control Measure & Change Evaluation
- Workshop 7 Identify Causation Factors
- Module 10 Root Cause Analysis
- Module 11 Actions & reporting
- Module 12 Root Cause Data & Learning
- Workshop 8 Root Cause Selection
- Workshop 9 Preventive Actions
- Review and course evaluation

## Skills gained

On completion of this Root Cause Analysis training course delegates will be able to:

- participate in effective problem-solving teams
- use appropriate tools and techniques to identify and document the root causes of problems in production processes and administration systems, as well as product design
- propose and evaluate solutions to prevent problems recurring
- communicate their findings and recommendations to their colleagues and senior management
- engage senior management in improving the system to remove the causes of failure, and controlling random initiatives that may destabilise processes which are currently 'under control'

## In-company training

Ideal for groups, you can receive this course exclusively for your organisation at your premises or online in our user-friendly Virtual Classroom.

Enjoy cost-effective flexibility and personalised learning with tailored messaging designed to address your unique business challenges. [Contact us for a quote.](#)

The tutor demonstrated a high level of professionalism, maintaining strong and consistent performance throughout the entire duration of the course. It was one of the most engaging and valuable courses I have ever attended.

**GCC Interconnection Authority**

The content of the course was very thorough but also easy to understand. The material provided was well structured and it will allow me to make changes to existing processes.

**Brush Group Ltd**

The tutor made the course relevant to our everyday work. His delivery was excellent and he kept the course moving without ever making us feel rushed to move on. All in all an excellent tutor.

**Ancala Water Services**

[Read our Root Cause Analysis training course reviews](#)

## Why train with Bywater?

Bywater is the leading independent provider of professional management systems training in the UK.

Our expert training offers practical understanding of how to realise the benefits and assess the success of implementing and operating successful management systems.

Bywater delegates know they can rely on proven training delivered by experts at times and locations to suit their needs.

**40 years** established

**100+** course titles

**15** UK locations

**1000+** courses annually

 Global Virtual Classroom

CQI & IRCA, ISEP, RSS and IOSH approved training provider.



[\*\*VIEW DATES & VENUES\*\*](#)

## Booking is easy

Simply select a course date and venue and fill in the online form. View our full range of courses at [www.bywater.co.uk](http://www.bywater.co.uk)

If you have any questions please call us on 0333 123 9001, use our online chat or email [contact@bywater.co.uk](mailto:contact@bywater.co.uk)

**Bywater**