

# Root Cause Analysis eLearning (eRCA)



Root Cause Analysis is a problem-solving methodology for preventing recurring failures, losses and downtime. eRCA combines decades of best-practice methodology and benchmarking into a performance-driven, self-paced online training.

- Create a set of standard processes and tools
- Onboard your new employees faster
- Minimize your inventory investment
- Set up your storerooms correctly
- Reach geographically dispersed teams

## More Than eLearning

eRCA is a primary training tool to help your reliability and maintenance team take a holistic, program approach to solve problems and prevent recurring failures. The program introduces an RCA program model that helps teams classify problems, select the appropriate root cause analysis tools, facilitate RCA events, validate countermeasures and communicate benefits from solving problems and preventing recurring failures. Applying RCA best practices taught in eRCA will promote a culture of continuous improvement that yields sustainable results.

## Practical Content

By applying the principles and practice activities in this online course, team members will contribute to a culture of continuous improvement by learning to ask the right questions, applying root cause analysis models, critically evaluating the findings, and selecting the right corrective actions. They will finally be able to prevent recurring failures of equipment and systems using tools to design and implement an RCA program. Course participants will be able to develop and apply practices that will lead to reduced downtime, improved efficiencies and increased productivity.

Included are over 40 templates, tools and job aids to help you practically apply these principles.

## Who Will Benefit

Anyone interested in acquiring or improving advanced problem solving skills will benefit from this course. Individuals responsible for continuous improvement, solving maintenance and reliability problems and preventing future occurrences of equipment and system failures, including: technicians, engineers, supervisors and managers.

### This course will cover:

- Practicing a 6-step process for root cause analysis
- Identifying triggers and defining the target condition
- Applying a variety of root cause analysis methods to real-life case studies
- Analyzing information to accurately identify problems, not symptoms
- Developing operational standards and priorities
- Selecting techniques for solution development
- Implementing and evaluating corrective action options
- Establishing and operating an internal RCA Program

### Registration:

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### Life Cycle Institute:

Life Cycle Institute is a recognized and respected leader in Learning, Leadership and Change Management solutions. Be prepared to be an active learner. When you invest in training with Life Cycle Institute, you will gain knowledge and learn skills that you will be able to apply immediately. Our courses are designed to teach by doing. Your training with Life Cycle Institute is different because we offer:

- Facilitators who practice what they teach and teach what they practice
- Course content that is constantly updated with the latest proven tools and methods
- Adult learning methods that minimize lecture and emphasize learning by doing
- Classrooms that are specifically designed to facilitate learning