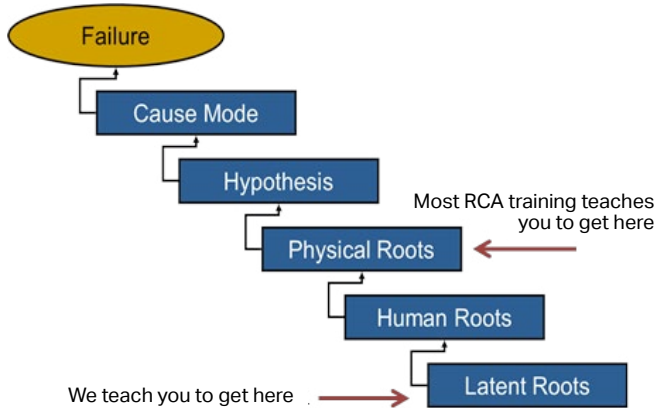




Mapped Services Training Provider



Armed with what you learn in this course, you will apply a process for root cause analysis, establish a culture of continuous improvement, and create a proactive environment. Learn to ask the right questions, establish triggers that drive you to the RCA process, and perform cost-benefit analysis.

Learn How To

Investigate the RCA methods

- Discuss the various RCA philosophies and methodologies
- Discuss the importance of a true RCA process
- Discuss why multiple solutions are important

Develop your RCA program

- Develop a systematic way to define and analyze a problem while determining and implementing solutions
- Outline triggers for the RCA effort based on business case thinking
- Identify roles, goals and responsibilities within your organization
- Create a "Straw Man Template" RCA process for your facility



This course is one of the four courses that lead to the Reliability Engineering Certification program.



This course is one of six courses that can be applied to the Maintenance Management Certification program.

Prepare to implement the RCA process

- Recognize the importance of the change management component in your RCA implementation
- Use the Root Cause of Success (RCS) process to eliminate common implementation issues
- Choose proper corrective actions and follow-up processes for various situations
- Use proper documentation, including incident reporting and the A3 process

Discuss the advantages and disadvantages and know when to apply PdM technologies

Manage and be able to effectively use 8 RCA tools

- Event and Causal Analysis
- Change Analysis
- Fault-Tree
- Design/Application Review
- Sequence-of-Events
- FMEA
- 5-Why
- Cause and Effect

Who Should Attend

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.

What our Students are Saying:

“ Everything was great. Course content was clear and easy to understand. Instructor is very knowledgeable about RCA and related subject matter and willing to assist in any way possible to inform and educate.

Brad Cary,
Sealed Air Corporation

“ Life Cycle Institute's facilitators are truly subject matter experts. I feel confident in taking what I learned to my boss and peers.

Mickey Kennedy,
Special Metals Corporation