# PROACT® Root Cause Analysis Methods Training

## Skill Sets for Investigations

PROACT Root Cause Analysis (RCA), FMEA Methods training provides problem solving skills and techniques to properly investigate, analyze and prevent failures and risks. Upon completion of this course, you will have the skill sets needed to complete a thorough and fact-driven RCA. Using the PROACT Approach you will learn fact-finding techniques, investigative strategies and skills for collecting and analyzing RCA data. Learn how to present recommendations and develop procedures to mitigate future risk. This Reliability Training is recommended for anyone who is supporting RCA.

## Presenting Recommendations

Merely uncovering factual root causes does not solve the risk or failure. Unless recommendations and corrective actions are appropriate, approved and implemented, the problems will continue to exist. Just like a lawyer who must present their solid cases you must do the same for management. Management expects to have their analysts present solid, factual data and information in the analysis to support and approve funds for implementing recommendations. The PROACT RCA training with FMEA ensures just that.

## 3 Day Training Provides:

- Three days of problem solving, dynamic learning with real case histories, multimedia presentations and course book.

- Presentations by certified veteran instructors with real world examples.

- Comprehensive RCA & FMEA course reference materials, hands-on projects and mentoring.

- Free Trial of PROACTOnDemand[sm] RCA Web Application issued on the 3rd day.

Students are encouraged to bring an existing problem to class. Depending on time and materials your problem may be chosen for example learning.

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## The PROACT System

RCI's FMEA and Risk Opportunity Analysis identifies the events that create the most setbacks in your organization. This session discusses performance gaps and other weaknesses and how to find them. RCI teaches you how to use historical data to view all events that happened in the past and probabilistic data to project priorities based on what "may" happen in the future. Viewing events from these parameters allows you to qualify the best candidate events for RCA.

## PROACT RCA Techniques

RCI provides the tools and resources needed to examine your selected RCA candidates. You will learn how to assemble your investigative team of diverse and unbiased experts. You will learn the PROACT method, what the acronym stands for and how to collect strategic data for completing your RCA. This method of preparation before an analysis is essential to a successful RCA.

## PROACT® Logic Tree Approach

Using a visual rendering of problem solving thought processes, RCI will guide you through using their exclusive "PROACT® Logic Tree Approach". You will learn techniques detectives use when solving a crime...drilling down to the problem's real root causes. By exhausting "How Could" a problem occur, you will discover "Why" the problem occurred. You will use only facts, supporting documents, interviews and data during your analysis. In this session you will be introduced to PROACT RCA Software and Templates. RCI's PROACT RCA Software is designed to collect, organize, maintain and house all critical analysis data. We highly recommend incorporating the PROACT software into your analysis process for securing and organizing data, as well as building a complete knowledge management database for future analyses.

## RCI Mentoring

Once you complete the PROACT RCA Methods training, your instructors will keep in touch with you to see if you have any questions and to offer guidance. We encourage students to communicate with their instructor as well as take refresher courses or other more advanced courses like Basic Failure Analysis, Lead Investigator, Human Error Reduction Techniques and Failure Scene Investigation.