



PROACT® for Meridium - User

Course #1004

Course Details

Length: 1 day

Prerequisite: Meridium - User

Benefits: This course will teach you the necessary skills to use the PROACT® for Meridium tools to identify the root causes of failure.

Audience: General Users, Implementers, Administrators

Overview

Creating a PROACT® for Meridium Analysis

You will use PROACT® for Meridium tools to create a Root Cause Analysis. You will add team members, assign responsibilities, and build a logic tree to define and analyze the possible causes of failure.

Documenting Analysis Outcomes

You will document the outcome of your findings and link external files to the analysis, such as photographs or drawings.

Communicating Analysis Results

After your team has completed the analysis, you will summarize and communicate findings and solutions to the decision makers in your organization.

Querying Analysis Information

For reporting and evaluation purposes, you will query analysis information and generate reports and graphs based on the results.





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Training Agenda

PROACT® for Meridium Overview

- The PROACT® methodology
- Accessing PROACT® for Meridium

Creating a Root Cause Analysis

- Using the analysis wizard
- Defining Equipment or Locations
- Adding Team Members and creating a Team Charter
- Adding Critical Success Factors

Preserving Failure Data

- Determining what information is needed
- Assigning team member responsibility
- Linking external documents to the analysis

Ordering the Analysis

- Modifying the team charter or adding new Team Members or Critical Success Factors

Analyzing the Data

- Constructing the Event diagram
- Identifying Failure Modes
- Defining Hypotheses
- Determining a verification method for each Hypothesis and assigning a responsible team member
- Viewing and printing verification logs
- Modifying each Hypothesis to include outcomes and confidence factors
- Linking external documents to Hypotheses
- Evaluating Hypotheses to reject or assign causes

Communicating and Tracking Analysis Results

- Communicating Analysis Findings
- Adding Recommendations based on Findings

Publishing the Analysis

- Publishing the analysis
- Re-using published analysis information

Ongoing Administration

- Launching pre-defined reports, such as a Summary Report or Verification Report
- Exporting, printing, or e-mailing reports

Querying the Results

- Building ad-hoc queries based on analysis data

Lab

The class will be divided into groups and presented with a reliability problem. Each group will work together to solve the problem, using the PROACT® for Meridium tools.