ASSET PERFORMANCE MANAGEMENT

CORDANT™ ROOT CAUSE ANALYSIS FOR FACILITATORS

CRCA201 - 2 or 3 days

The purpose of this course is to provide students with the knowledge and skills necessary to facilitate an effective problem analysis. This course is ideal for anyone whose job involves problem-solving. As a minimum, all supervisors and lead personnel should take this course. During the course, the participants will apply everything learned to solve an exercise problem and each student will be given the opportunity to facilitate a group in effective analysis.

Format

Duration: 15 hours **Schedule:** 2 Day(s) **Delivery:** Classroom

Who should attend

- Ideal for people who are likely to be leading and facilitating a Root Cause Analysis investigation and need to have a strong understanding of the methodology with interactive exercises.
- Enables action towards reducing high maintenance costs and unplanned downtime.
- Provides a simple methodology to tackle recurring problems and reverse a lack of confidence in current solutions.
- Counters the challenges in getting management and stakeholders to buy into the vision for reliability initiatives.
- Job Roles: Supervisors, Engineers, LEAN Specialists, 6 Sigma Black Belts, Design Engineers, Safety and Environmental Representatives, Administrators, Continuous / Healthcare Improvement Specialists, Business Analysts, IT Professionals, HR Personnel.

Objectives

- Provide a simple methodology to tackle recurring problems and reverse a lack of confidence in current solutions.
- Counter the challenges in getting management and stakeholders to buy into the vision for reliability initiatives.
- Provide a working knowledge of the Cause Tree RCA methodology
- Provide first-hand experience of performing and facilitating an RCA with a group

Program Outline

Day 1

- Introduction to RCA and the IEC 62740 international standard for Root Cause Analysis
- Triggers for an RCA + Exercise
- Preparation
  - Gather Information and Data
  - Organise People, including The Facilitator + Exercise
  - Organise Time and Venue + Exercise

- Analysis
  - Develop Problem Statement + Exercises
  - Build the Cause and Effect Chart + Exercises
  - Validate Causes

Day 2

- Analysis continued
  - Quality Check the Cause and Effect Chart + Exercises
- Resolution
  - Generate and Select Solutions + Exercise
  - Implement Solutions
  - Communicate RCA Findings to Organisation
  - Measure Success of Solutions
  - Communicate Wins Across the Organisation

Day 3 (Optional)

- Workshop: Full problem exercises

Next steps:

- CRCA301 – Cordant™ RCA Advanced Facilitators Course
- CRCA302 - Cordant™ RCA Incident Investigation

Languages

- English
- Spanish
- Portuguese
- Mandarin Chinese (Traditional or Simplified)
- French