ASSET PERFORMANCE MANAGEMENT

CORDANT™ ROOT CAUSE ANALYSIS FOR PARTICIPANTS

CRCA101 - 1 day

An introduction to effective problem-solving using Root Cause Analysis. This is a perfect first course into effective problem solving and is a recommended course for anyone who will participate in Root Cause Analysis. Students will learn how to apply RCA to both simple systems and complex groups of systems.

Format

Duration: 8 hours **Schedule:** 1 day **Delivery:** Classroom

Who should attend

Ideal for people who are likely to be participating in a Root Cause Analysis investigation and need to grasp the concept and process beforehand.

Job Roles: Supervisors, Engineers, LEAN Specialists, 6 Sigma Black Belts, Maintenance Trades, Design Engineers, Safety Representatives, Operators, Administrators, Continuous / Healthcare Improvement Specialists, Business Analysts, IT Professionals, HR Personnel.

Objectives

- The students will learn how to perform an RCA. They will work numerous instructor-led exercises that build upon each other to learn how to identify causes and to recognize the differences in cause types.
- The students will be exposed to the Cause Tree methodology that grows into a much stronger result when compared to a simple linear 5-why approach.
- Following a step-by-step method to solve any problem the workplace can present, each module builds upon the progression of effective solution generation that complements the RCA Facilitator Course.
- Enables swift action towards reducing risks from safety, environmental, customer complaints or poor quality, or high maintenance costs and unplanned downtime.
- Provides a simple methodology to tackle one-off or recurring problems, and drive confidence in creating solid solutions.

Program Outline

Day 1

Introduction to RCA and the IEC 62740 international standard for Root Cause Analysis

Triggers for an RCA

Preparation

Analysis

- Develop Problem Statement
- Construct Initial Timeline
- Build the Cause and Effect Chart
- Add Supporting Information

Resolution

- Generate and Select Solutions
- Implement Solutions

Next Steps:

Practice! And then grow into a Facilitator with the CRCA201 – Cordant™ RCA Facilitators Course

Languages

- English
- Spanish
- Portuguese
- Chinese (Mandarin / Simplified Chinese)