

Root Cause Analysis Workshop

In this **8-hour** workshop, participants will learn how to systematically and effectively eliminate problems and establish countermeasures using the A3 model (similar to Toyota's problem solving system). This process starts with analyzing the problems using metrics and identifying potential root cause(s) using tools such as the 5-whys and Ishikawa (fishbone) diagram. Once the most likely root cause(s) are verified, developing effective / lean solutions, verifying effectiveness, and acting on learning will follow. Participants apply what they learn in a case study in teams.



Who Should Attend?

Anyone involved in root cause analysis and process improvement projects

Outline

- > Overview of Root Cause Analysis
- > Identifying Processes
- > Process Improvement
- > Team Approach
- > Key success Factors
- > The Effectiveness of P-D-C-A Cycle
- > The A3 Model vs. The P-D-C-A Cycle
- > Sections of The A3 Model:
 - (1) Background
 - (2) Current Conditions
 - (3) Goal Statement
 - (4) Root Cause Analysis (Ishikawa, 5-Whys)
 - (5) Countermeasures
 - (6) Confirmation of Effect
 - (7) Follow-up Actions
- > Overview of other Methods (5-P, 8D, Six Sigma)
- > Case Study (Participants apply what they learn throughout the A3 process)

Contact us for a quote to bring this workshop on-site



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