SSCX | Public Training

Root Cause Analysis

How to Uncover the Real Cause of Problems



TRAINING OBJECTIVE

- Understand the concept, definition, and process of the root cause analysis
- Uncover the real root causes of problems faced in their daily operations and enable fact-based decision making
- Understand and differentiate the types of causes within a problem
- Effective applying the appropriate tools in the process of root causes analysis

KEY LEARNING

- Root causes analysis overview
- Gemba and root cause identification
- Tools for root cause analysis
- Identify patterns of instability
- Special control charts and applications
- Challenges of root causes analysis

WHO SHOULD ATTEND

Recommended for any manager or supervisor in Operations and Quality who are involved in data collection, root cause analysis, selection of the appropriate solution, ensuring implementation and effectiveness, reporting on the problems and the follow up action.

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www.sscxinternational.com

0817 5763 021

publictraining@sscx.asia





TRAINING OUTLINE

Day 1

- Root cause analysis overview
- Analyze the pattern of process
- Graphical analysis
- Source of process variation
- Graphical analysis
- Fact Analysis
- RCA technique and tools
- Analyzing the root cause
- Cause effect diagram
- Technique to identify root cause
- Why-why analysis

Day 2

- Statistical data analysis
- Setting up individuals and moving range control chart
- Setting up variable control chart
- Setting up attribute control chart
- Process capability analysis-variable
- Process capability analysis-attribute
- Wrap up and summary

REGISTER NOW

Schedule

Dec 14 - 15, 2026