

## Root Cause Analysis



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# Root Cause Analysis

## Seminar Content

- Introduction to Incident Investigation
  - What is Incident? Types of Incidents
  - What is to be done in the event of Incident detected in shop floor?
  - Defining the Incident
  - Analysis of Incidents
  - Root Causes Analysis
  - Why Incident Occurs
  - Applying 5 Why Analysis Method
  - Learning on Control Mechanism
  - Post Test
  - Feedback & Closeout

## Learning Objectives

To give participants a systematic methodology to

- Define the problem
- Identification of Root Causes of the problem
- Continual improvement of processes by data analysis through simple & powerful tools
- To provide way of extracting information from data collected
- To Simplify Decision making process

## Seminar Outline

- During training session, Case studies will be performed by participants for each tool to understand the application of tools by live data
- After course completion the participants need to identify the data to be analyzed in their respective area
- Based on above analysis, should take up a manageable improvement project
- Should use the appropriate tools at appropriate stages of the project & solve the problem to prevent its recurrence
- Reduces costs through prioritized improvement projects
- Lesser lead time in solving problems
- Reduces the wastages in the process flow
- Improves quality performance by reduction in quality problems

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## OMNEX INC

Global Headquarters Omnex Inc., 315 E. Eisenhower Parkway, Suite 214, Ann Arbor, MI 48108, USA.  
Phone: (734) 761-4940 | Fax: (734) 761-4966 | Email: [info@omnex.com](mailto:info@omnex.com) | Web: [www.omnex.com](http://www.omnex.com)

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