

# measure to improve

## Statistical Process Control

Gathering data and using statistical methods to interpret them are not ends in themselves. The overall aim should be increased understanding of the processes. It is very easy to become technique experts without realizing any improvements. Increased knowledge of SPC should become a basis for action. This training module is designed to give a first hand experience in actual working conditions through simulated classroom exercises.

### Contents

- Data based decision making
- Inspection vs. Prevention
- The quality journey
  - 4 stages of quality
  - Variation reduction
- Histogram
  - Exercise
  - Capable process
  - Process capability
  - Histogram interpretation
- Statistical process control
  - Types & selection of control chart
  - 10 steps to make a control chart
  - Exercises
  - Interpretation
- Getting the action focus
  - Correction
  - Corrective action
  - Preventive action

### Take Away

On attending this training the participants will develop an enhanced understanding and appreciation for SPC and get a first-hand usage experience. They will be able to appreciate the necessity & applicability of SPC in the context of their organisation.



### Objectives

Understand the concept of Statistical Process Control

Learn & practice SPC tools

#### Who should attend?

Middle level, Senior level

#### What is the duration?

1 day, 2 days, 3 days, 3 ½ days

[choose duration](#)

#### Interaction language

Hindi, English, Hindi/ English

#### Methodology

Multimedia Presentation

Lecture

Facilitated Discussion

Group exercise

Individual exercise

Study material

Games

Q & A