Statistical Process Control (SPC)

COURSE OBJECTIVE: The purpose of this course is to create awareness of importance and application of SPC. The course additionally also helps to understand the necessary and the unnecessary use of SPC in shop floor so as to get maximum benefits out of this technique

We also undertake consultancy project on Implementation of SPC

HOW OUR COURSE IS DIFFERNET: Our course not only discuss on implementation of SPC but also on un-necessary and non-practical use of SPC. Focus is to implement SPC in more friendly and practical way. There is still a huge practical gap of understanding among the best of Training Organization including 6 sigma organizations.

For example, after getting cpk 1.5/ cpk 1.67 or 6 sigma, quality manager should sleep soundly but still there are defects, Why?? This is because others are only telling formulas but we tell with practice and experience. We can have CpK 2 but still defect per million 1000. To understand more, attend this course. We are among very few who uses Normal probability paper for developing strong fundamentals.

Our course builds very strong fundamentals which makes them one of the best in the World. After this course it can be implemented at operator level. After this SPC would not be only implemented for Auditors or Customers

PREREQUISITE REQUIREMENT: None

COURSE COVERAGE & STRUCTURE:

- ✓ Introduction
- ✓ Pre Session Evaluation
- ✓ Objective of Statistics
- ✓ Benefits of Statistics
- ✓ Understanding Accuracy and Precision
- ✓ Histogram and its interpretations
- ✓ Exercise
- ✓ Stratification and its importance
- ✓ Concept of Normal distribution
- ✓ Understanding process capability
- ✓ Exercise
- ✓ Understanding basic MSA
- ✓ She wart Control charts
- ✓ Exercise
- ✓ Pre-Control Charts
- ✓ Zone Control Charts
- ✓ Sampling Plan (optional)
- ✓ Question and Answers
- ✓ Post Session Evaluation

COURSE METHODOLOGY: Entire course will be based on interactive discussions with examples and exercises

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