

SPC Strategies

Course Outline

1. Introduction of statistical process control
 - a. Vocabulary
 - b. Seven tools to assist in evaluating data
2. Variation
 - a. Sources (use of hands-on exercises to illustrate)
 - b. Common Cause v. Assignable Cause
3. Sampling and Subgrouping
 - a. Discussion via case studies
 - b. Suggested checklist
4. Specification limits v. control limits
5. Process control charts
6. Capability indices
 - a. Short term
 - b. Long term
7. Attribute data
 - a. Defect data
 - b. Defective data
8. Case studies and exercises