

Statistical Process Control

Benefits

SPC techniques can help your processes become stable and predictable. In this **8-hour workshop**, participants will learn the fundamentals about variable and attribute control charts with examples. The Catapult is used as a process where participants go through the development of control charts. Also a statistical software are used for analysis

Outline

- Quality Improvement & the Deming Philosophy
- Processes (Flowcharts, Ishikawa Diagram)
- Types of Data & Data Collection
- Probability Theory and its relevance
- Variation (Common vs. Special Causes)
- Specifications
- Statistical Concepts (Normal Distribution, Random Sampling, Mean, Standard Deviation and Range)
- Control Charts (X-bar &R, I & MR, Attribute)
- Monitoring Control Charts
- Out-of-Control Conditions
- Overview of Process Capability (Cp, Cpk)

Who should attend

Quality professionals (engineers / technicians / managers), manufacturing engineers/associates, process engineers, project engineers, lab personnel, and others who might be interested in understanding statistical process control.

Please contact us to request this workshop onsite!



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