

SPC

Objective:

The Statistical Process Control (SPC) course uses a methodology to measure and control quality by monitoring the manufacturing process. Quality data is collected in the form of product, process measurement, and readings, and used to assess, monitor, and control a process.

- Obtain and process data to establish process behavior for control
- Customer satisfaction as the main business goal
- The organization must fulfill its commitment to improvement
- Basic statistical methods can be used to make improvement efforts effective
- Prevent rather than correct
- Improve process performance

Topics:

Data collection

Measurement systems

Variation and statistical techniques

Process

Real-world examples

Knowledge of statistical methods

Target audience:

Training

Maintenance

Materials

Design engineering, manufacturing, tools, quality.