OMNEX

DRIVING WORLDWIDE BUSINESS EXCELLENCE

Basic Statistical Process Control (SPC)
SECOND EDITION

Training Duration : 2 days

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Basic Statistical Process Control (SPC), Second Edition

Training Duration : 2 days

Seminar Content

This two-day seminar is designed to provide participants with an understanding of the importance of SPC in controlling and improving the production process and to give students a practical knowledge of using statistical methods in analyzing the production and service processes.

This seminar is consistent with the DCX, Ford GM manual Statistical Process Control, 2nd edition.

Who Should Attend

Individuals who have direct responsibility for defining and developing an Organization's measuring, monitoring and analytical practices using data collection, charts and statistical tools appropriate for its products, processes and business goals and objectives. We will look for suitable statistical tools to identify the same sources of variation in our manufacturing or services and to control that variation.

Recommended Training and/or Experience

Fundamental knowledge of computational mathematics is necessary for understanding the topics discussed.

Seminar Materials

Each participant will receive a seminar manual, including workbook and all team exercise materials. **Please bring a calculator.**

Seminar Goals

- To present a hands-on approach to learning the principals and practices of SPC and process analysis
- Understand the uses and benefits of control charts and be able to construct and interpret them
- Understand the role that SPC plays in the overall Control Strategy for a process and company

Seminar Outline

- Statistical Process Control: An Introduction
- Process Variation
- Normal Theory and Central Limit Theorem
- Visible Signs of Special Causes
- Variable and Attribute Control Chart
- Process Capability

Course Sequence : SPC

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