

InfinityQS SPC Software Training □ - 24 Hour Course

Objective

To provide a training course designed to allow key members of the company to understand and implement SPC techniques in the workplace using InfinityQS SPC Software. The course focuses on company specific

processes, and is designed for Managers, Engineers, Supervisors, Lead People, etc. □ Infinity users will gain proficiency in the basic use of InfinityQS SPC software. A Certificate of Completion is awarded to each participant completing the course. □

As a result of the training you will understand:

- Project layout – Menus, Ribbons, and basic functions**
- The unique Database format: Part – Process – Test**
- Data Entry**

Configuration

- **How to enter data into various projects**
- **How to navigate within InfinityQS**
- **How to maximize use of Tool bar buttons**
- **How to add Notes to your charts**
- **Alarm**

Notification Rules and Warning Messages

- Adding**

Assignable Causes and Corrective Actions

- Understanding
and interpreting**

Control Charts and Capability Studies in InfinityQS

- How to create Basic Reports

Course Outline □

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Day One

- **Basic**
- # **InfinityQS SPC**
- # **Navigation**
- **Opening**
- # **projects**
- **Configuring**
- # **charts**
- **Adding**

subgroups and responding to alarms

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- **Creating**

Projects

- **Linking to a**

database

- **Data entry**

configuration

- **Special data**

entry options

- **Creating**

charts

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- **Database Navigation**
- **Opening existing databases**
- **Adding and editing database items**

- **Mapping out InfinityQS' database structure**
- **Creating new databases**
- **Structuring database tables**

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- Utilizing InfinityQS Tools to Address Alarms/Events
- Assignable cause &

**corrective
action codes**
- **Process
events reports**
- **Pareto
charting for
events**

Day 2

- Introduction to Non-Traditional Control Chart

and Analysis Tools

- Group
charts

- 3D charts

- Multi-level

Box plots

- Wandering
Mean charts

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- Importing
Data

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- Querying

and Analyzing Existing Data

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- Setting Up

Electronic

Gages

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- Case Studies
- Measuring multiple test characteristics on a single part
- Injection

molding /
multiple cavities
and multiple
test
characteristics
- Job shop /
multiple parts,

processes and
test
characteristics
managed with a
single
InfinityQS
project

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Day 3

Creating the SPC Monitor and Cpk Reports

- Securing a
Database
Defining

security levels
Assigning
employees to
security levels

Developing
Database

Structures

Securing a Database

Develop basic
structures
based on

participants' examples Do's and don'ts of structuring an InfinityQS database

Use of Lot Data Entry Acceptance sampling Lot and component lot data entry

Lot status

Lot reporting

Using

InfinityQS

Projects as a

Navigational

Tool

Corporate Hierarchy

SPC Scheduler

