

Quality America, Inc.

SPC Explorer RT Training

Training Services listed below are available as on-site training, web-based instructor-led training, or online self-paced training (column 3 only).

DATABASE SETUP TOPICS

- **Explorer View / Administration** (3/4 hr)
 - Showing / Hiding Branches
 - Filtering Views
 - Customizing database Format
 - Using multiple Databases
 - Users & Privilege Levels
- **Defining Processes & Characteristics** (3/4 hr)
- **Defining Work Sets for Real-Time and Web-based Data Entry and Analysis** (1 hr)
 - Traceability Fields
- **Defining Gages & Multiplexers** (1 hr)
- **Defining Analyses & Reports for Off-line Use** (1 hr)
- **Linking & Importing from External Data Sources** (1/2 hr)
 - Linking to ODBC Sources
 - Importing Data

REAL-TIME DATA ENTRY TOPICS

- **Data Entry in the Work Set View** (1.5 hr)
 - Traceability Fields
 - Auto Advance
 - Validation Limits
 - Assignable Cause & Corrective Actions
 - Editing Data
 - Charts based on Formulas
- **Data Entry with Gages** (1 hr)
 - Choosing Gages
 - Send / Read Buttons

WEB INTERFACE TOPICS

- **Data Entry in the Work Set View** (1 hr)
 - Traceability Fields
 - Validation Limits
 - Assignable Cause & Corrective Actions
 - Editing Data
- **Defining Processes, Characteristics & Work Sets in the Web Interface** (1 hr)

INTERPRETING SPC TOPICS

For Data Entry Personnel:

- **Use of control charts** (1.5 hr)
 - Benefits
 - Tampering
 - Interpreting X-Bar Charts
 - Interpreting Individuals Charts

For Support Personnel:

- **Process Analysis Fundamentals** (1.5 hr)
 - Enumerative vs. Analytical Data
 - Benefits of control charts
 - Tampering
 - Basic assumptions
- **X-Bar Charts** (1.5 hr)
 - Rational Subgroups
 - Interpretation
 - Range vs. Sigma
 - Run Test Rules
- **Individual-X Charts** (1.5 hr)
 - Uses & Assumptions
 - Normality & Non-Normality
- **Process Capability** (1.5 hr)
 - Uses & Assumptions
 - Control vs. Capability