

SPC Basics for Operators

A Modern SPC Learning Experience Built from the Ground Up for Today's Operators



Build a More Capable, Confident, and Data Driven Workforce

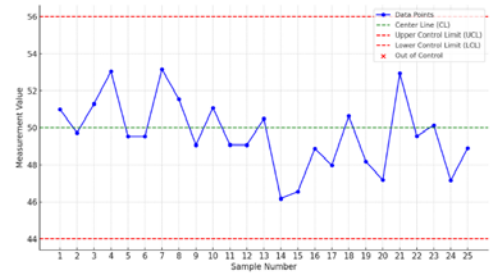


Your operators are closest to the process — and when they have the right tools, they can prevent defects before they happen.

The newly rebuilt SPC Basics for Operators course equips your frontline workforce with practical, easy to apply skills that strengthen quality at the source.

Why SPC Matters for Your Organization

- **Every** defect avoided protects your bottom line.
- **Every** early signal prevents downtime.
- **Every** confident operator strengthens process stability.



Statistical Process Control (SPC) transforms simple shop floor measurements into clear visual indicators of process health. Instead of reacting to problems after they occur, operators learn to identify early warning signs and take timely, appropriate action.

A Smarter, More Proactive Workforce

This ground up redesign gives your team the ability to:

- Detect issues before they become defects
- Reduce scrap, rework, and unplanned downtime
- Make data driven decisions with confidence
- Improve process consistency and throughput
- Strengthen collaboration between operators, supervisors, and quality teams

No advanced math required — just practical tools, clear visuals, and real world examples designed for today's manufacturing environment.

Real Impact from Real Operators

“Before SPC, we just guessed. Now we know when something's changing. We fix it before it becomes a problem.”

“I used to wait for QC to flag issues. Now, I see it coming. It makes my job easier - and our products better.”

What's Inside the Newly Rebuilt Course?

The completely redesigned SPC Basics for Operators eLearning builds foundational SPC capability across your workforce. Through short, engaging modules, operators learn how to monitor processes, interpret control charts, and respond appropriately to out of control conditions.

Your Workforce Will Learn How To:

- Understand process variation and its impact on quality
- Distinguish between common and special causes
- Use SPC tools correctly and consistently
- Read and interpret control charts
- Respond to out of control conditions in real time
- Work effectively as part of an SPC team
- Apply SPC principles directly on the job
- Sustain improvements and reduce firefighting



Included eModules

1. Introduction to SPC for Operators
2. Understanding Process Variation
3. Types of Data in SPC
4. SPC Tools Overview
5. Introduction to Control Charts
6. Responding to Out-of-Control Conditions
7. Applying SPC on the Job
8. Sustaining SPC as a Team

Why Operators Are Essential to SPC Success

Operators are the first to see changes in the process. SPC gives them the objective data to act with confidence - and gives your organization a more stable, predictable, and efficient production environment.

**SPC provides the signals.
Your workforce provides the action.**