



Virtual Seminars to Improve Quality, Productivity, and Competitive Position for the Textile Industry



Improve Vital Processes
Without Additional Capital
Investments

The QualPro MVT® Process for Improving Performance and Profit Margins in the Textile Industry

This advanced experimental design seminar is presented as a simple, step-by-step approach to design of experiments (DOE) with minimal technical detail. The seminar emphasizes the use of statistical techniques—and statistical software—to uncover opportunities for breakthrough improvement. The exercises included in the seminar have been collected from years of successful application in numerous industries. Through this seminar, participants will learn how to utilize DOE to solve real-world textile industry problems.

This seminar is part of our DOE Master Certification Program. For more information on this program, please email seminars@qualproinc.com or visit www.qualproinc.com/seminars.

Participants leave this seminar with an experiment designed to improve a specific process or problem in their organization. Participants identify the problem or the key performance indicator they wish to improve. We help them design the experiment, and they return to work ready to execute it.

Day 1

- Introduction to QualPro's DOE Approach: The 12-Step MVT® Process
- Review of basic statistical techniques
- Validating measurement systems
- Using statistical tools to prepare for experimentation

Day 2

- Identifying factors (ideas included in an experiment) and levels (factor settings) to test
- Experimental strategy and design
- Introduction to QualPro's custom screening designs
- Fundamentals for designing and executing experiments

Day 3

- Introduction to factorial designs
- Fundamentals of analyzing experiments
- Analyzing experiments using software

Day 4

- Deploying and analyzing screening experiments
- The role and execution of refining experiments
- Workshops to evaluate, critique, and approve the designs of individual experiments
- Practical advice for using DOE and QualPro's DOE software within your business

In This Seminar, Participants Learn:

- How to view textile production and operations as a system.
- How to use statistical tools to monitor key success measures and process characteristics.
- How to assess measurement systems, process stability, and process capability.
- How to identify ideas to test.
- How to apply DOE to their most vital processes.
- How to plan and successfully deploy screening and refining experiments in order to:
 - ◆ Identify the ideas that will improve performance.
 - ◆ Avoid the ideas that will hurt performance.
 - ◆ Optimally manage the ideas that have no effect on performance.

Benefits of the 12-step MVT Process

- Provides a logical, step-by-step methodology for utilizing DOE in your business
- Uses creative input from individuals throughout your business to generate ideas for testing
- Provides a methodology that enables substantial improvement without increased capital expenditure
- Enables DOE to be used as a continuous improvement tool
- Streamlines the execution of experiments to enable significant performance improvement in a short time period

“So what did MVT do for us? It let us test many ideas simultaneously . . . if we ever tried to run those 32 factors by themselves, we would be doing it [for] the life of the program . . . We increased our throughput first quality from 50% to 98%.”

Sage Automotive Interiors, Robert Reece, Knit Plant Manager



Textile Industry Expertise

With decades of experience, QualPro is uniquely qualified to help you dramatically improve your business processes through the power of experimental design. Our MVT® Process has been proven effective time and again in industries as diverse as healthcare, chemical processing, retail sales, and textiles. We have worked with more than a thousand clients over the years and helped them save billions.

Still not convinced? Hear from just a few of our textile industry clients on the positive impact of QualPro's MVT Process in their respective operations.

Client Testimonials:



"[We've] got 68 machines in the plant . . . [and] over 14,000 positions that actually run in the facility . . . Yarn breaks are a main contributor [to] our cost . . . We got a 40% improvement [with MVT]."

-Barry Shore, Polyester Operations Manager



"Thanks for organizing the terrific seminar on designed experiments for our senior management team. It was outstanding! . . . Statistical process control and the use of designed experiments are rapidly becoming a way of life throughout our company."

-Thomas Malone, President



"When we engaged QualPro, it was a necessity. There was an immediate urgent issue that we had in the marketplace . . . The services they provide have been very beneficial to us, without a doubt."

-John Lowrance, Vice President, Operations

Contact

To learn more about QualPro and our seminar offerings, please visit us online or call us at the number below.

(865) 927-0491

www.qualproinc.com

“Hearing from you makes me think back to the many contributions that you and your company have made to our company that [have] helped us to be a survivor in this manufacturing industry of ours, which is so under attack from the Far East and globalism.”

Milliken, Roger Milliken,
Chief Executive Officer



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