

Loos & Co., Inc. reels in scrap & rework thanks to WinSPC



Background

Loos & Co., Inc, a privately held corporation founded in 1958, manufactures stainless steel and galvanized wire, wire rope, jacketed wire rope and cable assemblies. Their products are used for a wide variety of applications in markets such as commercial, aerospace and automotive. Loos & Co., Inc. has gained significant benefits using WinSPC.

Challenge

Loos & Co., Inc.'s products must meet stringent safety and quality requirements. Accordingly, their manufacturing processes, which range from the initial drawing of rods into wire to final cable assemblies, must be kept in control.

In addition to keeping processes in control, Loos & Co., Inc. sought to achieve a higher degree of productivity and quality as well as a reduction in scrap and rework. Along with these requirements, they also needed to maintain QS9000 documentation for both clients and internal records.

Loos & Co., Inc. realized SPC tools were required to monitor and analyze the psi, speed, temperature, pound break and other critical characteristics to achieve its goals.

Implementation

Loos & Co., Inc. chose WinSPC for the following reasons:

- WinSPC is easy-to-use; as part of the evaluation process operators selected WinSPC above other products evaluated
- WinSPC is easy to administer
- WinSPC provides the documentation required to help them meet QS9000 requirements
- WinSPC's in-line process monitoring enables operators to make quick, real-time adjustments and maintain control

Results

Loos & Co., Inc. has achieved greater control over its processes, significantly reducing the amount of variation, scrap, and rework in their processes. Loos & Co., Inc. has experienced these benefits across three divisions of the company.

Benefits

Loos & Co., Inc. cited the following benefits achieved with WinSPC:

- Reduced scrap and rework by 30%
- Increased process yields
- Attained ROI in 6 months
- Increased productivity and reduced inventory
- Reduced process variation

"This is by far the best tool we have used to look at our processes and make improvements. Over the past 4 years, WinSPC has been a key tool in helping us control our processes and meet QS9000 compliance requirements from our customers."

**Steve Fairfield
Quality Manager
Loos & Co., Inc.**