



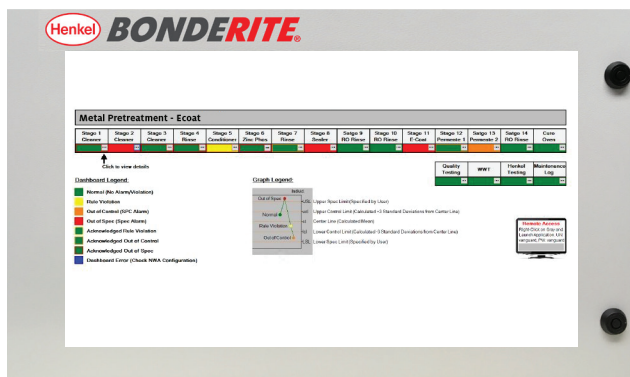
BONDERITE® LineguardX Optimization of Chemical Processing Systems in the Age of IIOT

BONDERITE® LineguardX gives you advanced chemical system monitoring and early warning of potential issues.

LineguardX is a cloud monitoring system that evaluates process and quality control data in essentially “real time”. Inputs from equipment measurements, hand entered laboratory tests, analytical results, are monitored and analyzed automatically for trend violations, statistical variances and out of parameter specification occurrences.

Customer facility can spend multiple hours a week collecting data, manually charting data and identifying out of specification parameters. With LineguardX you can:

- Perform trending analysis.
- Identify out of statistical control & out of specifications parameters.
- Perform multivariate analysis across all variables.

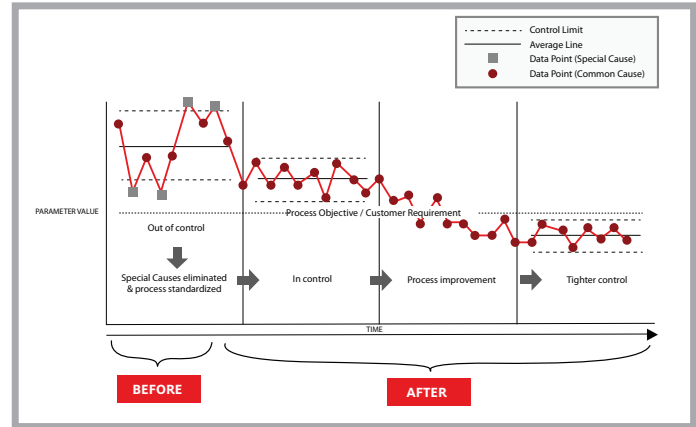


“Implementing LineguardX resulted in more efficient use of employees while also providing quality service, quantified as a savings of \$39,000.”

Henkel has created a unique data analysis tool to optimize your coating system controls that includes:

- Early Warning for Pending Danger
- Increased Quality
- Reduced Scrap Rate
- Reduced Downtime
- Enhanced Customer Appearance

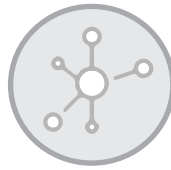
Process Improvement



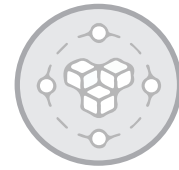
Why choose BONDERITE® LineguardX



QUALITY MANAGEMENT
Improvement product quality and comply with specifications.



INCREASE CONNECTIVITY
Machine data in real time: Reduce errors and increase traceability.



IMPROVE PRODUCTIVITY
Keep your process parameter under statistical control.



REDUCE DOWNTIME
Critical messages or warnings are issued to indicate necessary system adjustments.



INCREASE EFFICIENCY
Via the predictive system and looking at our multivariate analysis trends.

Henkel's leading position Trusted partner of OEM's and tier 1&2 suppliers.

Henkel Technologies is leading with high-impact solutions worldwide. We lead today's and build tomorrow's markets with our unique portfolio of breakthrough innovations, tailor-made solutions. Henkel's objective of lowering production costs is the focus of every product delivered. Our team of engineers uses their experience to create coatings that work toward increased efficiency, consistent reliability, and lower maintenance costs.

Learn more at henkel-adhesives.com/LineguardX