Measure Bridge™

Comprehensive Program for Analytical management and Quality control

We turn your quality control into a reliable source of operational efficiency.

What is Measure Bridge™ program ? It is a program designed to enhance the accuracy, reliability, and overall value (including measurable financial impact) of quality control systems in industrial environments. It integrates statistical practices, sampling methodologies, equipment calibration, and structured problem-solving to transform analytical systems into smart solutions for efficiency management and continuous improvement..

It Includes:

✅ *Design and validation of sampling methods-applications* for both continuous and batch processes.

✅ *Calibration and verification of critical instruments*, ensuring traceability, repeatability, and compliance with standards.

✅ Application of *Gage R&R (Repeatability and Reproducibility)* as a key method for validating process measurement systems.

✅ *Statistical studies* for analytical variability, method stability, and process control limits.

✅ Implementation of *Statistical Process Control (SPC)* systems and process trends.

✅ Best practice implementation for *loss engineering and lab problem-solving*, aimed at reducing deviations, rework, and process cost reduction.

✅ Applied training in *statistical tools* for analysts, supervisors, and technical teams.

✅ Development of the three-core standards *to ensure performance and reliability of in-line analytical systems*:

- *Robust applicacion Equipment calibration* using known standards and traceable methods.
- *House keeping – inspections and PM programs for inline equipment*
- *Service contracts and spareparts management*

What problems does it resolve

- Unexplained variation in quality results
- Outliers and process spikes reduction
- Decision-making based on bad data.
- Lack of criteria in sampling methods.
- Uncertainty in measurement system reliability.
- Excessive false rejections or unwarranted product releases.
- Differences between lab data and plant performance.
- Reactive maintenance of in-line measurement equipment

Benefits

- Reduction of analysis errors
- Improved data traceability.
- Reduction of hidden losses.
- Greater alignment between laboratory, production and maintenance.
- Reduced reliance on external experts.
- Culture of continuous improvement based on real data.
- Optimization of the management of spare parts and key technical resources

Who is it designed for?

Industrial companies with internal or outsourced laboratories, quality managers, process engineers, and continuous improvement leaders aiming to reinforce analytical control as a pillar of performance and efficiency.

Methodology and timing

The program is tailored to each context, with diagnostic, design, implementation, and training phases. It can be deployed in 3- to 6-month cycles, with measurable deliverables from the first month.

What other products does it relate to?

Data-Driven Management Decisions™: shares statistical decision-making tools.
Kaizen Action™: integrates with improvement projects based on quality and real data.
Ops Excellence System™: contributes to the analytical control pillar within operational excellence.