

Measurement System Evaluation (MSE)/Gage R&R:

A Necessary Tool for Process Improvement

**September 16, 2009; 8:00am – 4:30pm;
Sigmas Conference & Event Center – 1717 Babcock Blvd., Pittsburgh 15209
412-821-2530**

This workshop will teach participants the importance and mechanics of evaluating measurement processes as a necessary tool to be used with any continuous process improvement efforts. Process improvement leads to quantifiable business results for all types of organizations.

Description:

Measurement System Evaluation (MSE) is a critical tool for understanding the measurement processes that will be used to quantify overall process performance. Without capable measurement processes, our processes cannot be effectively measured therefore hindering our process improvement efforts. Process understanding through appropriate data collection leads to process improvement, a necessity for remaining competitive.

This required tool for process improvement is presented to the participants in a clear and effective manner complemented by an array of relevant examples.

Areas Covered in the Seminar:

- Minitab (statistical software package) introduction
- Requirements of an acceptable measurement process
- Terminology for MSE and Gage R&R
- Review of data types (continuous & attribute) and different MSE techniques for evaluating
- Interpreting MSE/Gage R&R results
- Examples of applications and interpretation of MSE
- Hands-on in-class exercise for setting up, conducting and analyzing an MSE

Who Will Benefit:

This workshop will be valuable for any member of any industry desiring process improvements. A few specific roles that might benefit include:

- Process managers, engineers, sales, human resources, IT, customer support, manufacturing, continuous improvement leaders
- Individuals in the "quality" department
- Operators or floor personnel responsible for process improvements
- Any associates trying to make process improvements

