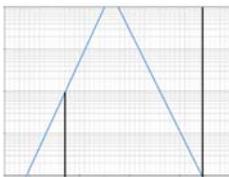
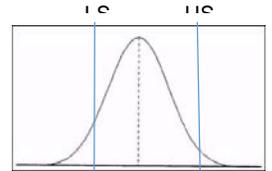


ASQ Presents™ !

A Workshop by Mark S. Rusco

Creating the Gauge Performance Curve and other Graphical Tools for Interpreting Gauge Repeatability and Reproducibility

The **Gauge Performance Curve** is a powerful tool to illustrate the performance of a measurement system across the entire specification range. This workshop illustrates how to create this curve (graph) in Microsoft Excel based on the numbers calculated by an existing Gauge R&R study. Some interesting additions can be added to make the graph even more useful.



Attendees should bring their laptop computer (Excel installed) as this will be a **participative** workshop and each person will leave with their own spreadsheet ready to use. As time allows and interest dictates, other graphs may be created to illustrate how the GRR data can be interpreted for other issues. Participants should be familiar with Microsoft Excel and be adept at creating basic worksheets.

Mark S. Rusco is a tenured Assistant Professor at Ferris State University where he serves as the main faculty member for the Bachelor of Science in Quality Engineering Technology program and also teaches related courses in the Manufacturing Engineering Technology program.

Mark holds a Bachelor of Science in Mechanical Engineering from Michigan State University and a Masters of Business Administration from Central Michigan University. He has 15 years of manufacturing experience as a Manufacturing Engineer, in Supplier Quality, and as the Quality Assurance Manager at a tier one supplier to the automotive industry.

He has background in powder metal technology, production grinding, metal stamping, production welding, and small assembly. To stay current with manufacturing trends, Mark consults with various area companies regarding ISO 9000, SPC, Measurement System Analysis, GD&T, Designed Experiments, and other quality-related training.

Workshop Information

When

Friday, Sep 12, 2014
8 AM to 3 PM

Where

Bluff Banquet and Conference Center
2035 28th Street SE
Grand Rapids, MI 49508

Cost

\$149 per person with a 10 % discount for 3 or more from the same organization

Includes

Light lunch and Handouts

Professional Development

0.5 Recertification Units Awarded

To Register

Go to www.asq1001.org and select the Sept 12th workshop link on the events calendar

Contact

Paul Prunty for additional information
email pprunty@vichem.com

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