



The aim of this course is to explain the method that is used to verify of the data obtained by the measurement devices and to determine the degree of the measurement system with statistical techniques.

### Training information

This training will provide you mainly 2 outputs:

1. Analyzing of accuracy of datas that is obtained by measurement devices,
2. Understanding of the techniques that is used to explain the extent to which the measurement system is adequate with sytatistical datas.

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## Practical information

### Training content

- What is MSA?
- Definitions
- Measurement Process
- Measurement system variations
- Measuring instrument accuracy - Measuring instrument stability - Measuring instrument linearity
- Meter repeatability, Meter repeatability
- Measurement strategy and planning
- Measurement device selection process
- Measurement uncertainty
- Sample measurement systems and methods of determination of variability

### USP / benefits

- Support your organization to develop Quality Management Systems for automotive standards and IATF 16949,
- Understanding the methods of verification and calibration of measuring instruments,
- Explain the principles, methodologies and tools necessary for the proper execution of MSA,
- Improve MSA understanding in scope of Quality Management and automotive programs,
- Be informed about the practical simulation of the activity and the use of the method.



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