TUV India Training Academy

Online Training Program on Measurement System Analysis (MSA)

Date: 10th November 2020, Time: 9.30am to 5.30pm

Course Features

Based on AIAG – MSA Manual, Fourth Edition, 2010. Covers the fundamental of measurement systems, estimation of error in measurement both in variable and attribute with ample examples and exercises.

Course Objectives

Make the participants aware about the basics of measurement fundamentals, errors in measurement, type of errors and make a decision to accept or reject the measurement system both in variable and attribute measurement. Learn about bias, linearity, stability, repeatability and reproducibility.

Who should attend?

- Management Representatives
- Internal Auditors and Second Party Auditors
- Supplier QMS Development Professionals
- Supervisors, Engineers and Managers, actively involved in Product and Process Design & Development
- Production Executives involved in Quality & Quality Management System activities

Duration : 8 Hours including break of 1 hour

Course Contents

- Introduction to Measuring System Analysis
- Accuracy and Precision
- Type 1 and Type 2 Error
- Location and spread errors
- Discrimination
- Measurement System Analysis for Variable
- Bias, linearity and stability.
- GR&R, NDC and system qualification criteria
- Interpretation of graphs
- Measurement System Analysis for Variable
- Cross Tabulation
- Attribute MSA, Kappa, Effectiveness, Miss Rate and False Alarm

Issue of Certificate

Certificate of successful attendance shall be issued to all the delegates who attend entire duration of the course.

Registration Fee : Rs.2000 + 18 % GST

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Registered & Head Office-

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