



# **Training on Measurement System Analysis**

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## **INTRODUCTION**

The role of measurement and significance of measurement quality in making correct decision about product and process performance is known to all quality decision makers. All management system standards have mandated the control of measurement process in some

form or other. **Measurement System Analysis** for all type of measurement system as referenced in control plan has been mandated by automotive sector OEMs and management system standards like ISO/TS 16949:2009.

## **OBJECTIVES**

- To provide delegates with basic knowledge of methodologies for performing measurement study.
- Use MSA to determine the suitability of measurement system
- Perform Repeatability & Reproducibility Study
- Interpret the results in process variation & product acceptance criterion.
- Use data to improve Measurement system

## **COURSE CONTENTS**

- Concept of MSA
- MSA elements & their contribution to measurement variation
- Terminology concept (BLSRR)
- Statistical requirements of Measurement system
- Gauge R&R Study- Variable & Attribute
- Interpretation to study data

## **CERTIFICATE**

**Participants qualifying written examination shall be awarded certificate of successful completion of the course.**

## **WHO SHOULD ATTEND**

• Technical Managers • Quality Engineering (e.g. APQP) Team • Quality Managers • Laboratory Personnel • Production Managers • Quality Management Consultant • Engineers • Quality Control Executives • Metrology/Standard room personnel • S.Q.C/ SPC Team • Students from Engineering, Management, and Science Streams.

## About us

Shreyas Quality Management System is a Consultancy Development Centre(CDC), Govt. of India Accredited, and IMS(ISO9001QMS,14001EMS & OHSAS18001) certified Training & Consultancy Organization focused on organizational performance improvement through the globally accepted tools such as ISO 9001, ISO14001 EMS, ISO5001EnMS,TS16949,NABL ISO 17025,ISO15189,ISO 27001 ISMS, OHSAS 18001, SIX SIGMA, 5 S/Kaizen, TQM, quality costs, design of experiments(DOE) etc. It has helped many organizations both from manufacturing and service sectors to analyze and improve their performance through well-established systems. It has team members possessing a wide spectrum of professional qualifications, experience and expertise which could effectively and efficiently address improvement issues which are of importance to your business / organization. It has provided consultancy to more than 200 organizations both from manufacturing and service organizations for quality improvement.

### Organised by-

### **SHREYAS QUALITY MANAGEMENT SYSTEM (SQMS)**

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- Six Sigma, TQM - Quality Award, Quality Cost, TPM, SQC
- ISO 9001QMS; ISO 14001 EMS, QS 9000, OHSAS 18001, ISO 27001 ISMS, ISO 5001 EnMS
- ISO 17025/15189 (NABL Accreditation), NABH, HACCP, SEI-CMM,

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