

MEASURING SYSTEM ANALYSIS (MSA)

Key focus

At the end of the course, participants will be able to co-ordinate, facilitate and monitoring the effectiveness of the activities related to TS 16949 requirement in any manufacturing and industrial process

Who will benefit

This course is suitable for managerial and supervisory level staff such as quality control and operation executives, line leaders, technicians and quality managers that would need to establish and implement quality improvement groups to resolve any problems related to operation / production. Nominated candidates for training position who are either with or without experience would also benefit from this course.

Take The Next Step

Day one

1. Introduction of MSA

- ▶ Quality of Measuring Data
- ▶ Why we need MSA?

0900-1030

Morning tea break

1030-1045

- ▶ What is a Measurement Process
- ▶ What needs to be analyzed?

1045-1300

Lunch

1300-1400

2. A good Measurement System

- ▶ Precision (GR & R)
- ▶ Gage Bias (Accuracy)
- ▶ Components of Measurement Error

1400-1530

Afternoon tea break

1530-1545

- ▶ Gage R&R – Planning:
 - Component of Variation
 - X (Average) & R (Range) Chart
 - GR & R Acceptance Guideline

1545-1700

Take The Next Step