

Machine/Process Capability Study (MCS)

Nowadays, products are becoming more and more hi-tech, extremely accurate, precise and reliable. As these are hard to make, manufacturers are finding it more and more challenging to consistently satisfy customer demands. This seemingly impossible task can only be pursued through state-of-the-art production technology coupled with precision process control.

This seminar teaches the method of establishing, measuring, maintaining and managing process and hardware capability that will achieve consistent compliance with customer specifications. Process capability studies are essential if only to assure customer satisfaction.

Objectives:

1. To gain expertise in the process of producing products whose quality excellence is unsurpassed by major competition.
2. To learn techniques how to continuously perform manufacturing or assembly process rather than by extensive after-the-fact sorting and rework or scrap of defectives.
3. To acquire knowledge of how to consistently achieve effective process performance.

Agenda:

Intro to Machine Capability

- The need for Capability Studies
- Descriptions of Capability Studies
- Relationship between machine and process Capability Studies
- The Capability Analysis Sheet
- Completing the form
- Interpreting the Results
- Treating Non-Normal Data

Other Techniques

- Computer Techniques
- Hand Held Calculators & Computational Technique
- Confidence bands & Small Samples
- Control Charts
- Series & Parallel Machines & Process
- Attribute Data

Who should attend: Production/Process Engineers & Supervisors, Equipment Engineers, Line Maintenance Supervisors, QC Engineers & QA Supervisors.

Seminar Fee: P8,736 (VAT-inclusive)

Webinar sessions: 2

Facilitator: Rene D. Estember / Juanito S. Chan

Dates: May 30-31'23, Sep 14-15

'23, Dec 4-5 '23, Feb 15-16 '24 (Note 8:30 am to 12:00 nn daily via Zoom)