



**Ascendent Technology Sdn. Bhd.**  
(1093652-W)



Applicable



SBL Claimable



## MEASURING INSTRUMENT INTERMEDIATE CHECK (Instrument Verification)

### **PROGRAMME OVERVIEW:**

This training module is designed to meet ISO quality management system requirement include ISO 9001, ISO14001, IATF 16949, ISO 22000, ISO/IEC 17025, GMP, HACCP and other quality management systems. The approach is practical & easy understanding. Conventionally it is known as equipment verification. Clause 5.5.10 of ISO/IEC make it a requirement to fulfill for accredited laboratories. It is a useful tool for calibration cost saving to verify the equipment fit for purpose over long term usage.

### **TARGET GROUP:**

Quality Managers, Technical Managers, Laboratory Managers, Supervisors, Chemist, Engineer, Signatories of test reports & certificates, Laboratories Personnel.

### **OBJECTIVE:**

At the end of the course, participants are expected to:

- 1) Understand the principle of measuring instrument performance check using statistical concept and other control charts to meet ISO requirement
- 2) Make decisions on calibration interval for example extend the next calibration date
- 3) Plot SPC charts and interpret the pattern
- 4) Use the statistical tool as improvement tool that meet ISO QMS required activities
- 5) Apply the selected tools & interpret the results of the application

**CONTENT:**

- 1) Background of statistical control chart and non statistical control chart
- 2) Designing a control chart
- 3) Common and special causes of variation
- 4) Interpreting Patterns in Control Charts
- 5) Examples of SPC Important actions
- 6) Others uses
- 7) Can the recalibration period be extended?
- 8) Can SPC verification replace recalibration
- 9) Workshop & Presentation
- 10) Work example

**METHODOLOGY :**

Lectures, discussion, demonstration, hands-on practice and practical exercises

**CERTIFICATE :**

Candidate is required to complete an assessment either on day 2 or within 2 weeks after the training is conducted.

- ✓ Certificate of competency - achieves score point 70% and above
- ✓ Certificate of attendance - achieves score point below 70% or no submission of assessment

**REMARK:**

- 1) Candidate is advisable to bring tumb drive or notebook.
- 2) Candidate need to bring along their scientific calculator for assessment
- 3) Candidate is required to complete the assessment during training or must submitting the completed assessment within 2 weeks after the training is completed.
- 4) Certificate will be issued based on score point in the assessment.
- 5) The original marked assessment paper will return to customer together with certificate.
- 6) Candidate with poor score is advisable to re-seat for training and assessment.

**CONTACT US FOR MORE DETAILS**

- ✧ Public Training
- ✧ In-House Training
- ✧ Customade training
- ✧ HRDF SBL Scheme claimable for private sector
- ✧ e-Perolehan applicable for government sector

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**ASCENDENT TECHNOLOGY SDN. BHD.**

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