



Ascendent Technology Sdn. Bhd.
(1093652-W)



Applicable



SBL Claimable



UNDERSTANDING MEASUREMENT & CALIBRATION SYSTEM

PROGRAMME OVERVIEW:

Measuring instrument calibration is an important criterion in maintaining quality system. This training module is designed to meet measuring instrument calibration requirements in clause 7.1.5 of ISO 9001:2015, clause 7.1.5 of IATF 16949, clause 4.5.1 of ISO 14000, clause 8.3 of ISO 22000 and clause 6.4 of ISO/IEC 17025. Participants are guided throughout the sessions to understand the requirements, making decision on which measuring instrument to calibrate because not all require calibration as well as due dates or calibration interval for different instrument. They shall also learn to interpret calibration certificate and understand importance of verifying measuring instrument as well as whether to perform internal or external calibration with cost in mind.

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 requirement of clause 7.1.5 of ISO 9001:2015
- 2) Acquire general knowledge relates to measurement traceability in the context of ISO 9001, IATF 16949 and ISO/IEC/17025 instrument measurement system
- 3) Able to manage measuring instrument according to QMS requirements.
- 4) Understand and interpret calibration certificate include uncertainty and its application in measuring instrument "fit for purpose"
- 5) Understand the term calibration, verification & calibration interval

CONTENT:

- 1) Understanding measuring instrument calibration requirements in clause 7.1.5 of ISO 9001:2015, 7.1.5 of IATF 16949, 4.5.1 of ISO 14000, 8.3 of ISO 22000, 6.4 of ISO 17025 and ISO 10012 requirement.
- 2) Understand and interpret calibration report in the context of ISO 9001. ISO/IEC/17025, ISO 10012, IATF 16949 and ISO 10012 requirement.
- 3) Understand the term calibration, verification, calibration interval.
- 4) Illustrate the concept of uncertainty estimation
- 5) Illustrate exercise on measuring instrument "fit for purpose" (Verification Technique by using SPC)
- 6) Conclusion and Q & A session

METHODOLOGY :

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

CERTIFICATE :

Certificate of attendance is issued to participants as written document required by ISO quality management system.

CONTACT US FOR MORE DETAILS	
<ul style="list-style-type: none"> ✧ Public Training ✧ In-House Training ✧ Customade training ✧ HRDF SBL Scheme claimable for private sector ✧ e-Perolehan applicable for government sector 	<ul style="list-style-type: none"> ❖ Tel: 603-6156 0813 ❖ HP: 012-417 3813 (JOYCE) ❖ Email: training@ascendent.com.my ❖ Web: www.ascendent.com.my
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