



Ascendent Technology Sdn. Bhd.
(1093652-W)



Claimable



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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.

REGISTRATION FORM (E013):

PUBLIC TRAINING

Course Fee : RM 1,100 Per Pax
Training Date : Refer to Training Calendar
Venue : **Ascendent Training Room**
Duration : **1 Day**
Time : 9:00 AM - 5:00 PM
Venue : Ascendent Technology Sdn Bhd
HRDF : **SBL - Khas**

Participant : Mr / Ms
 Designation :
 NRIC :
 Mobile No. :
 Email :

IN-HOUSE TRAINING

Course Fee : RM 6,000 Per Day
Duration : **1 Days**
Time : 9:00 AM - 5:00 PM
HRDF : **SBL - Khas**
Maximum No. : 5 - 25 Candidates

Participant : Mr / Ms
 Designation :
 NRIC :
 Mobile No. :
 Email :

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CANCELLATION / POSTPONEMENT POLICY

1. Ascendent Technology Sdn.Bhd. reserves the right to cancel, postpone or make any changes to the venue and training dates due to unavoidable circumstances.
2. Reservation can be made by telephone or email, but will only be confirmed upon the received of completed registration form and payment.
3. Please do not make any travel arrangements until you have received written confirmation for your registration from us.
4. No cancellation is allowed but a candidate replacement can be arranged.
5. For confirm cancellation: 7 days notice prior to commencement will subjected to RM250 service charge. If less than 7 days notice, there will be no refund.
6. Confirm postponement for in-house training less than 14 days notice prior to commencement will subjected to 50% service charge on total invoice.

PAYMENT DETAILS

All cheques should be crossed and made payable to: **ASCENDENT TECHNOLOGY SDN BHD** Bank A/C No. **Maybank** 5127-6360-6820.

Admittance will be permitted upon receipt of full payment 2 weeks before the course is conducted.

Training certificate will be awarded upon received of full payment

FOR HR DEPARTMENT

Company Name:	Contact Person: Mr / Ms:	
Address:	Designation:	
	Department:	
	Email:	
	Mobile No:	
	Signature:	Company Stamp:
Training Date:		
Telephone:		
Type of Industry:		