



Ascendent Technology Sdn. Bhd.
(1093652-W)



Applicable



SBL Khas
Claimable



SATISFACTION GUARANTEED

We ensure satisfaction in our training courses.

If you think this training does not meet the objective as mentioned in the brochure, we will replace you with other training with the same or less value (valid 1 year).

TIMER (STOPWATCH) CALIBRATION (Competency Training)

PROGRAMME OVERVIEW:

This calibration 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. Participant is anticipated to acquire knowledge in calibration of timer or stop watch according to ***NIST SOP 24 Calibration of Stopwatches and Timing Devices***.

. This module includes the calculation to determine accuracy, evaluation of measurement uncertainty base on ISO Guide to the expression of uncertainty in measurement (GUM) and produce calibration certificate accepted by ISO management systems.

TARGET GROUP:

Quality Managers, Technical Managers, Laboratory Managers, Supervisors, Engineer, Approved Signatories of test reports, Laboratories Personnel.

OBJECTIVE:

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

- i. Acquire basic knowledge in using timer / stopwatch and proper maintenance.
- ii. Perform calibration independently
- iii. Perform necessary calculations include uncertainty estimation based on ISO Guide [according to the model given only].

- iv. Able to generate ISO quality management system accepted calibration report

CONTENT:

- 1) Principle of metrology and ISO requirement on calibration.
- 2) Error in Measurement and metrological traceability
- 3) Understand timer / stopwatch and maintenance procedures
- 4) Step-by-step data collection with respect to metrology characteristics. There are many procedure can be adopted,
 - a. Direct comparison with internet time
 - b. Direct comparison with higher grade timing device
 - c. Oscillator
- 5) Practice of at least 2 models, step-by-step guiding on calibration procedure
- 6) Calculate error of timing device, uncertainty evaluation and presenting calibration result.
- 7) Work example

METHODOLOGY :

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

CERTIFICATE :

Participants are required to complete a project usually at the end of training or within 2 weeks of completion of the training

- ✓ Certificate of competency - achieves score points above 70 %
- ✓ Certificate of attendance - score points below 70 % or no submission of project

REGISTRATION FORM (E023):

PUBLIC TRAINING

Course Fee : RM 2,100 Per Pax
Training Date : Refer to Training Calendar
Venue : **Ascendent Training Room**
Duration : **2 Days**
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 : 2 Days
Time : 9:00 AM - 5:00 PM
HRDF : **SBL - Khas**
Maximum No. : 5 - 25 Candidates

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

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

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

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:

Tel: 603-6156 0813 / 2813 | HP: 012-417 3813 / 012-375 2813

Email: sales@ascendent.com.my | Web: www.ascendent.com.my

Page 3/3