Ascendent Technology Sdn. Bhd.
(1093652-W)

eperolehan
Claimable

HRDF MALAYSIA
SBL Claimable

CALIPER CALIBRATION

(Competency Training)

PROGRAMME OVERVIEW:

This calibration training module is designed to meet ISO quality management system requirement include ISO 9001, ISO14001, ISO/IATF 16949, ISO 22000, ISO/IEC 17025, GMP, HACCP and other quality management systems. Participant is anticipated to acquire knowledge in caliper calibration both digital and analog readout according to JIS B7507. This module include the evaluation of measurement uncertainty base on ISO Guide to the expression of uncertainty in measurement (GUM).

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:

i. Acquire basic knowledge in using caliper both digital and analog

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) Traceability

3) Error in Measurement

4) Understand the equipment and its uses

5) Reading the digital & Vernier scale in caliper

6) Correct method of handling

7) Care and maintenance

8) Step-by-step data collection with respect to metrology characteristics of caliper. For example flatness of fixed and slider jaws, parallelism of the jaws, linearity and repeatability.

9) Practice of at least 2 models, step-by-step guiding on calibration procedure

10) Uncertainty calculation and presenting calibration result.

11) 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 goverment sector	❖ Tel: 603-6156 0813 ❖ HP: 012-417 3813 (JOYCE) ❖ Email: training@ascendent.com.my ❖ Web: www.ascendent.com.my

ASCENDENT TECHNOLOGY SDN. BHD.
Lot 941-1, Jalan Industri 10, Kampung Baru Sungai Buloh, Seksyen U19, 40610 Sungai Buloh, Selangor