





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).

# **PIN GAUGE CALIBRATION**

## (Competency Training)

#### **PROGRAMME OVERVIEW:**

This calibration training module is designed to meet ISO quality management system requirement include ISO 9001, ISO14001, IATE 16949, ISO 22000, ISO/IEC 17025, GMP, HACCP and other quality management systems. Participant is anticipated to acquire knowledge in calibration of pin gauge, GO-NO-GO Gauge or limit gauge, according to BS 969. 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 the gauge 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 the gauges and maintenance procedures
- 4) Step-by-step data collection with respect to metrology characteristics. For example taking diameter at 3 different locations to determine eccentricity and coaxial error
- 5) Practice of at least 2 models, step-by-step guiding on calibration procedure
- 6) Calculate eccentricity and coaxial errors, 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 (E006):						
<ul> <li>CANCELLA</li> <li>Ascendent T cancel, postp training date</li> <li>Reservation will only be registration f</li> <li>Please do not have received from us.</li> <li>No cancellati can be arrang</li> <li>For confirm commencem charge. If le refund.</li> <li>Confirm post 14 days noti</li> </ul>	PUBLIC TRAINING : RM 2,100 Per Pax : Refer to Training Calendar : Ascendent Training Room : 2 Days : 9:00 AM - 5:00 PM : Ascendent Technology Sdn Bhd : SBL - Khas IN-HOUSE TRAINING : RM 6,000 Per Day : 2 Days : 9:00 AM - 5:00 PM : SBL - Khas : 5 - 25 Candidates TION / POSTPONEMENT POLICY echnology Sdn.Bhd. reserves the right to one or make any changes to the venue and a due to unavoidable circumstances. can be made by telephone or email, but confirmed upon the received of completed orm and payment. t make any travel arrangements until you d written confirmation for your registration on is allowed but a candidate replacement		Participant Designation NRIC Mobile No. Email Participant Designation NRIC Mobile No. Email Participant Designation NRIC Mobile No. Email Participant Designation NRIC Mobile No. Email Participant Designation NRIC Mobile No. Email Participant Designation NRIC Mobile No. Email Participant Designation NRIC Mobile No. Email	: Mr / Ms : Mr /	DETAILS If made payable to: ASCENDENT No. Maybank 5127-6360-6820. In receipt of full payment 2 weeks	
FOR HR DEPAR						
Company Name:			Contact Person: Mr / Ms:			
Address:			Designation:			
			Department:			
			Email:			
			Mobile No:			
Training Date:		Signature:		Company Stamp:		
Telephone:		Fax:	4			
Type of Industr	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						