ISO 9000 Quality System Standards requires the supplier to control, calibrate and maintain inspection, measuring and test equipment, whether owned by the supplier or provided by the purchaser, to demonstrate the conformance of the product to the specified requirements. While measurement denotes the system for evaluating and calculation the seven fundamental units of measure for the International System of Units (SI Units), calibration denotes the act of monitoring a set of degrees or measurement marks for any equipment to remain accurate and precise.

CONTENTS

- Measurement System Philosophy
- Measurement Concept
- Science of Measurement
- Measurement Standards
- Sources of Error in Measurement of Length, Mass and Time
- Expression of Uncertainty and Confidence in Measurements
- Sources of Systematic Error and Uncertainty in Electrical Measurement
- Gage Repeatability and Reproducibility Analysis
- Calibration System Philosophy
- Calibration Control
- Traceability Chain for Length
- Factors Affecting Credibility of Calibration
- Calibration Schedule
- Fields of Calibration
- Calibration Practice
- Case Study on Calibration Parameters
Mr Lim Kim Yook has considerable experience in all areas of design, preparation, administration and delivery of soft and hard skills training in particular KAIZEN, Quality Control Circle, QC 7 Tools and New QC Tools, Automotive 5-Core Tools (PPAP, APQP, SPC, FMEA and MSA), Poka-Yoke, Supervisory Skills and 5S Implementation and Auditing. Graduated in Mechanical Engineering and Electrical Engineering, subsequently in Electronic Engineering, Mr Lim has more than 13 years of vast experience in manufacturing field such as Electronics, Semi-conductor and Automotive. Throughout his career, he has diversified himself into various departments such as Quality Assurance/ Quality Control, Production and Engineering; holding the managerial position for 6 years in Quality Assurance and Engineering departments.


This programme is designed for all levels of management and employees who are involved in the calibration inspection, measurement and test activities.

### Administrative Details

**Dates:** March 10 - 11, 2014  
**Time:** 9.00 am – 5.00 pm  
**Venue:** Wisma FMM, No. 3, Persiaran Dagang PJU 9, Bandar Sri Damansara 52200 Kuala Lumpur  
**Fees:**  
- FMM Members – RM1,200 per participant  
- Non Members – RM1,500 per participant  

Enjoy 5% discount for registration of two (2) and 10% discount for registration of three (3) or more participants from the same organisation and of the same billing source.  
(Fees include course materials, Certificate of Attendance, lunch and refreshments)

Registration is on a first-come first-served basis. Cheques made in favour of the “FMM Institute” should be forwarded one week before the commencement of the programme. Completed registration form, that is faxed, mailed or e-mailed to FMM Institute, would be deemed as confirmed.

All cancellations must be made in writing. There will be no charge for cancellation received 14 or more working days before the start of the programme. Cancellation received 7 – 13 working days before the start of the programme is subject to a cancellation fee of 50% of the course fees. Cancellation received 6 working days and below before the start of the programme is subject to a cancellation fee of 100% of the course fees. If the participant fails to attend the programme, the full course fees are payable. However, replacement can be accepted at no additional cost.

The FMM Institute reserves the right to change the facilitator, reschedule or cancel the programmes and all efforts will be taken to inform participants of the changes. Should the event be cancelled or postponed, FMM Institute is not responsible for covering airfare, hotel or other travel costs incurred by the participants.

For further enquiries, please contact:  
Pn Fatahiyah / Pn Hafifah  
**FMM Institute**  
Tel: 03-62867200  
Fax: 03-62776712  
Visit us at [www.fmm.edu.my](http://www.fmm.edu.my)
Dear Madam,

Please register the following participant(s) for the above programme.

(To be completed in **BLOCK LETTERS**)

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(If space is insufficient, please attach a separate list)

Enclosed cheque/bank draft No. ____________________ for RM ____________________

being payment for ________________ participant(s) made in favour of the “FMM Institute”.

Submitted by:

Name: ____________________________________________

Designation: __________________________ E-mail: __________________________

Company: __________________________________________________________________

Address: ___________________________________________________________________

____________________________________________________________________________

Tel No.: __________________ Fax No.: __________________ Date: __________________

FMM Membership No.: ______________ My Corporate Identity No.: __________________