

CALIBRATION SYSTEMS



Objective

This program is designed to enable the participants to acquire the practical knowledge and skills in identifying, organising and controlling calibration activities carried out for Inspection, Measuring and Test Equipment.

Duration

2 days | 9am – 5pm | 14 hours

Who should attend

This program is designed for Quality Control / Quality Assurance / Technical and Engineering Personnel who are involved in managing testing and calibration activities.

Course Fees

Member: S\$465.45
Non-Member: S\$497.55
Registration Fee of S\$17.12 apply
SDF funding & SkillsFuture applicable
All fees stated are inclusive of 7% GST

Award of Certificate

Certificate of Completion will be issued to participants who have attended at least 75% of the course.



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Course Contents

- Need for reliable measurement
- Metrological classification
- Risk associated with statistical decision making
- Measurement of data and statistics
- The characteristics of statistical data
- Measurement error
- Precision and accuracy
- Measurement uncertainty
- International measurement systems and measurement standard
- Random uncertainty
- Estimation of systematic uncertainty
- Overall uncertainty
- Guide to The expression of uncertainty of measurement
- Understand ISO 9000 and ISO/IEC 17025
- Scope of application
- Management requirements of ISO/IEC 17025
- Technical requirements ISO/IEC 17025



Please refer to this URL
<https://www.sqi.org.sg/courses/>
or QR Code for soft copy
and updated training schedule

NOTE:

ISO/IEC 17025:2017 - Calibration System is an integral part of an ISO/IEC 17025 Quality System. Your technical competence can be further enhanced and recognized by attending the Two-Day ISO/IEC 17025 Internal Audit Training Program designed to meet your need in implementing and assessing the effectiveness of the Calibration System & Measurement System practiced in Testing and Calibration Laboratories.

Membership Application

Register membership online at www.sqi.org.sg/membership-join/ or contact us to get the membership application form.

Membership Categories:

- ~ Organisation membership
- ~ Individual membership

SQI International is a subsidiary of Singapore Quality Institute (SQI). SQI operates as a non-profit professional institute that promotes and advances excellence in the field of quality in Singapore; and actively champions quality initiatives in the region and around the world through networking and collaborating with other international quality organisations.

SQI is a World Partner of the American Society for Quality (ASQ); and a Board Member of both the Asian Network for Quality (ANQ) and the World Alliance for Chinese Quality (WACQ).

