

MEASUREMENT & CALIBRATION SYSTEM



Duration: 2 Days

PROGRAM OVERVIEW

This course is based on the requirements of BS 5750/ISO 9000:2000 series standards and the requirements of the new ISO 10012 - 1, Quality Assurance Requirements for measuring equipment.

The course involves a high level of delegate participant using group exercises to evaluate typical calibration problems developed in assessment of calibration systems.

OBJECTIVES

- To understand conformity assessments standards.
- To appreciate the importance of laboratory accreditation.
- To understand and apply the requirements of ISO/IEC 17025 to laboratory operations.

COURSE CONTENTS

The course will consist of a series of lecturers and syndicate exercises requiring a high level of delegate participation. The Course material will cover the following topics:

- The origin of calibration.
- The calibration chain.
- The requirements of BS 5750/ISO 9000:2000 standards and the new ISO 10012.
- Measurement Uncertainty.
- Evaluating calibration needs.
- Documenting the Calibration System.
- In - house Calibration.
- Calibration Records Systems & Demonstration.
- Evaluation and /SAMM Laboratories.

WHO SHOULD ATTEND?

Managers, executives, engineers, professionals and employees involved in QMS and others whose job function will ultimately affect the quality and efficiency of the company and its products.

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