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ISO 17025 And Laboratory Information Management Systems LIMS- For Analytical Laboratories

(5 Days Training Course)

ISO 29990 ISO 9001 ilm Project Management Institute bci Business Continuity Institute Corporate Partnership

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Why Choose this Training Course?

This comprehensive training course in London will illustrate the ISO17025 requirements for testing laboratories, relevant to the operation of their management system, technical competency, validity of analytical results, and the use of Laboratory Information Management Systems (LIMS) as a tool in satisfying the above. In particular, the importance of LIMS implementation in meeting the traceability requirements of ISO 17025 will be addressed.

The training course will also demonstrate the compliance of ISO 17025 with those ISO 9001 and GLP (Good Laboratory Practice) requirements that are relevant to the scope of testing services. In addition, Management and Technical personnel of analytical laboratories will recognize the dire need of implementation of the Standard within their Organization in order to satisfy the needs of their customers and general market needs (e.g. Regulatory Authorities and organizations providing recognition).

This training course will feature:

Management requirements of ISO 17025 Quality manual, Document control, Tenders, Suppliers, Service to the customer, Internal audits

Technical requirements of ISO 17025 Personnel, Equipment, Traceability, Reference standards, Sampling, Quality assurance of results, Test Certificates, O & I's

Definition of Laboratory accreditation: Accreditation Bodies (AB's) and Multilateral Agreements (MLA, MRA, ILAC) on cross frontier recognition of accreditation

Basic guidelines on the design of a LIMS

Implementation of a LIMS, in the context of ISO 17025

By the end of this training course, participants will be able to:

Understand and implement Good Laboratory Practice (GLP) in their organization
Comprehend the importance of assuring quality of test and calibration results
Apply traceability from sample receipt and analysis scheduling until delivery of results, through the implementation of LIMS
Design LIMS on the basis of ISO 17025 requirements
Realize the need for continuous review and improvement of LIMS systems, based on market and regulatory requirements

Who is this Training Course for?

This training course is suitable for a wide range of professionals involved in Quality Assurance (QA) in analytical laboratories, but will greatly benefit:

Management and technical personnel of analytical laboratories, in a wide spectrum of activities (e.g. oil refinery, food and utility industries including potable and wastewater treatment plants, and commercial analytical laboratories)
Technicians, Specialists and other personnel involved in laboratories
Those laboratories that are in the process of obtaining ISO 17025 accreditation and those planning to implement a LIMS
Newly recruited laboratory scientific personnel
Laboratory accreditation consultants

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Course Outline

Day One: Determination of Course Goals & Introduction to ISO 17025 Requirements

ISO 17025 contents
Organization – Responsibilities
Introduction to control of documents & records – Use of LIMS for managing records
Requests for tenders
Suppliers/Subcontractors – Detailed record keeping through LIMS
LIMS design – Basic considerations

Day Two: Service to the Customer & Internal Audits as a Tool for Quality Assurance

Service to the customer - Complaints
Control of non-conforming work/testing
Corrective/Preventive actions – Implementation & Monitoring of corrective actions
Control of records
Internal auditing as a tool for addressing complaints & implementing a proactive strategy
Management review

Day Three: Technical Requirements – Personnel and Test

Technical records – LIMS as a unique traceability tool
Personnel (scientific, technical, administrative)
Accommodation & Environmental conditions
Test methods & Method validation. Estimation of uncertainty of measurement
Selection of methods – Laboratory-developed methods, Non-standard methods
Control of data for all of above topics – Use of LIMS as a data recording tool

Day Four: Technical Requirements – Equipment and Quality Assurance

Measurement traceability through LIMS
Equipment – Measurement traceability, Reference standards & Reference materials
Sampling – Handling of test items & The role of LIMS as the first link in the sample traceability chain
(from sample login to issue of Test Certificate)
In-house testing & subcontracted analysis. Issuing of relevant working forms using the LIMS
Quality Assurance (QA) of test results & Ways of reporting the test results –
The LIMS contribution to assuring traceability of QA and Analytical data

Day Five: Technical Requirements – Test Reports, Implementation of LIMS & Accreditation Requirements

Format of Test Certificates & Amendments of Test Certificates –
Use of LIMS for issuing Test Certificates and keeping track of changes
Opinions & Interpretations (O&I's) on Test Certificates
Electronic transmission of results – LIMS contribution to assist in speedy, targeted and foolproof delivery of results
Preparation & Application for accreditation
Role playing – Internal/External audits exercise

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informatech™ is a global leadership consultancy that aligns people, purpose & strategy – driving socially responsible transformation in global organisations. Our international network includes 215 partners, consultants, and coaches in 24 countries throughout Europe, North America, Latin America, Asia, and Africa. We transform leaders, align teams and create fierce resolve and passion to win.

Typical interventions are to accelerate performance, execute strategy and embed capability and change. Our programmes are part of the core curriculum in many of our client's corporate universities, and our leadership development programmes have over 300,000 executive alumni. Methodologies are based on more than 100 corporate turnarounds and performance acceleration assignments in FTSE 100 and Fortune 500 companies. Austria, Belgium, Brazil, Canada, China, Colombia, Denmark, Finland, France, Germany, Italy, Mexico, Norway, Poland, Portugal, Russia, Serbia, South Africa, Spain, Sweden, The Netherlands, UK, Uruguay, and the USA.

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Registration Form

THREE WAYS TO REGISTER

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Course / Seminar Title

Venue / Hotel	Date	Fees
	From / / 201 To / / 201	€ - Euro +20% VAT

Course fees include documentation, luncheon and refreshments. Delegates who attend all sessions and successfully complete the course assessment will receive an Informatech London Certificate of Completion.

All registrations are subject to our terms and conditions which are available at http://informatech.co.uk/terms.aspx Please read them as they include important information. By submitting your registration you agree to be bound by the terms and conditions in full.

Payment Method

☐ **Bank Transfer** *

☐ **Credit Card Payment**

DELEGATE DETAILS

First Name : _____ Last Name : _____

Your name as will appear in attending certificate

Telephone No. : _____ Mobile No. : _____

Kindly Provide us International Roaming mobile number

Email Address : _____

Kindly write valid email address to send your e-learning materials

Company Name : _____

Country : _____ City : _____ Post Code : _____

if it is apply

We highly recommend you secure your room reservation at the earliest to avoid last minute inconvenience.

You can contact the Hospitality Desk for assistance on Email: hospitality@informatech.co.uk

PAYMENTS

A confirmation letter and invoice will be sent upon receipt of your registration. Please note that full payment must be received prior to the event. Only those delegates whose fees have been paid in full will be admitted to the event.

AVOID VISA DELAYS – BOOK NOW

Delegates requiring visas should contact the hotel they wish to stay at directly, as soon as possible. Visas for non-EURO nationals may take several weeks to process.
If you Need Help Please Send Email to : hospitality@informatech.co.uk

CANCELLATION

If you are unable to attend, a substitute delegate will be welcome in your place. Registrations cancelled more than 7 days before the Event are subject to a 200 Pound administration charge. Registration fees for registrations cancelled 7 days or less before the Event must be paid in full. Substitutions are welcome at any time.

All registrations are subject to acceptance by (Informatech Training Ltd.,) which will be confirmed to you in writing.

Due to unforeseen circumstances, the programme may change and (Informatech Training Ltd.,) reserves the right to alter the venue and/or speakers or topics.

DELEGATE's Signature

I have read and I accept the terms and conditions

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