IFM Laboratory Systems ISO/IEC 17025

WORLDWIDE LEADER IN TRAINING AND COMPETENCY DEVELOPMENT

IFM®

TRAINING CONSULTANTS

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Need Laboratory Accreditation ?

Benefits of Accreditation

- Laboratory accreditation facilitates international trade, builds trust, saves time & money and helps in avoiding legal battles or lengthy discount negotiations with the customers due to doubts on product specifications.

- Better control of lab operations and feedback to labs about their quality & technical competence.
  Confidence on testing/calibration data and personnel performing work, hence leads towards right decision making.

- Improvement in efficiency & effectiveness, elimination of waste & direct reduction in external failure costs.

- As a result. your products will gain higher confidence level of international buyers, local and internal customers which in turn will give greater access in domestic and international markets.

CONNECTING YOUR BUSINESS TO THE GLOBAL MARKET

Your Laboratory has unique needs. We supports those needs-from system development to ISO 17025 accreditation. Laboratory accreditation has been introduced for good reasons- it is designed to help you - the more you apply it, the more you will embrace it as an essen-tial and useful tool.

If you are not fully up to the speed with it now - Don't worry- that's what this guide is for. Use the following few pages to get to know ISO 17025 and arm yourself with the information you need to make the right choice for you and your company.

A little time invested now could result in the saving of both money and reputation.

Why ISO/IEC 17025?

Globalization and Trade liberalization have challenged during recent years, due to trade implications for developing countries. One of the major queries refers to one's "capacity to conform developed country market requirements". The importers in developed countries need to have confidence that the products exported are safe for human use and complies with international standards. e.g the sea foods exported do not contain antibiotics beyond a certain minimum level, textiles do not have residual pesticides etc. The only way of demonstrating that a product locally tested for export meets the importer's requirement is to ensure that the testing is carried out in a laboratory operating under the **ISO/IEC 17025** guidelines.

ISO/IEC 17025 accreditation adds the element of competence. Under the accreditation, products are 'tested once - accepted everywhere,' according to International Laboratory Accreditation Cooperation (ILAC) and the WTO.

Likewise, major factor to implement WTO/TBT (Agreement of Technical Barrier to Trade) is trade goods should either be evaluated once in the export or import country. Therefore the test laboratories for product assessment are necessary to apply the requirements of **ISO/IEC 17025** to their systems to ensure the same results of tests anywhere in the world. ISO 17025 is a rigorous international quality management standard detailing requirements for the competence of testing laboratories. Accreditation to this international standard will provide your clients with the assurance that testing is carried out to the highest standard of care, precision and reliability.

There is a widespread mix-up that ISO 9001 assures validity of specific test results at a level equivalent to ISO/IEC 17025 accreditation. However, the purposes of the two standards are very different and certification against them provides different forms of assurance in the quality of the delivered product or service provided.

In other words, laboratories that attain ISO 9001 recognition, **only,** may not meet the needs of the end user of the Lab's test results since the standard does not provide validity of test. Whereas ISO/IEC 17025, in addition to meet requirements of ISO 9001, incorporates technical requirements such as competence of Lab technicians/personnel, appropriateness of method used and proper functioning of lab equipments.

TRAINING WE PROVIDE

Awareness Training for QMS
This training programme will be conducted in batches for Sr. & Middle Management, CFT and other staff. It will provide an understanding of QUALITY Management Systems.

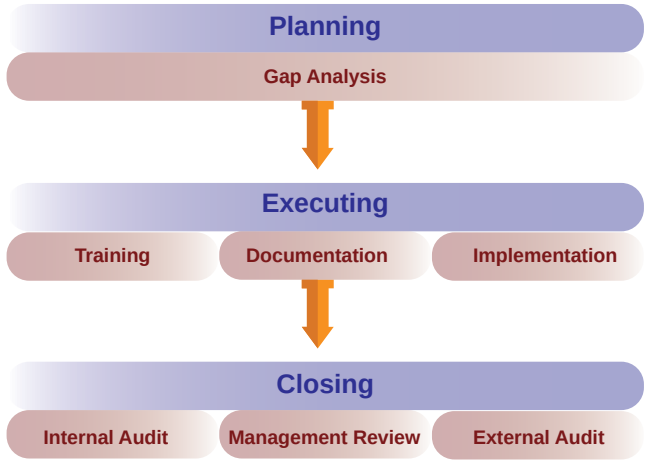
QMS Documentation
How to design and develop laboratory documents and quality manuals. The quality manual will be examined as to its impact on laboratory operations and what purpose it serves.

Internal auditors training
Internal Auditors Training Course is an intensive training for Internal Auditors and for managers whose operations require such audits.

Uncertainty Measurement training
The training on uncertainty measurement is provided covering all factors affecting uncertainty and calculation methodology.

In-house calibration training
Theoretical and practical training for glassware calibration is provided.

Test method validation Training
For use of laboratory developed method validation training is provided.



ACCREDITATION PROCESS

We offer comprehensive services that will help you to achieve your quality goals. We assist our customers in developing accurate & realistic plan and its implementation to achieve accreditation.

We proven seven step package can be tailored for any size of organization & budget to deliver accreditation as well as value addition. The 7 step package includes:

A. Gap Analysis – Diagnostic Study of the existing processes & controls, Identification of Gaps with ISO 17025:2005 requirements.
B. Training – Providing training on QMS (Quality Management System) awareness, QMS Documentation and QMS Internal Auditing to identified core team personnel or cross functional Team (CFT).
C. Documentation of QMS – Providing templates and necessary guidance to CFT in the preparation of documentation as required by the standards and to fulfill the organizational requirements in respect of implementing and maintaining an effective.
D. Implementation of documented QMS – Providing guidance for the implementation.
E. Conducting one cycle of QMS Internal Audit and provide guidance for initiating corrective action for the reported audit findings.
F. Provide guidance for conducting Management Review in accordance with the requirements of the standards.
G. Provide guidance for initiating corrective action for the external audit (Initial visit and Accreditation audit) findings reported by the certifying body.
In addition to planning, development & implementation, we help our clients to work cooperatively with accreditation bodies such as IAS, USA.

CHALLENGES TO ACCREDITATION & BEYOND

The challenges, in fact, arise not as much from understanding the requirements of the standard, but in implementation of management system which effectively and efficiently reinforce those requirements to ensure valid results. Over-documentation, in light of these requirements and presumed necessary documents, specifications and data, are common pitfalls for companies seeking accreditation to **ISO 17025.**

To avoid this, your organization needs not only an understanding of the technical requirements of the standard, but also the requirements of an effective and efficient Management System. In view of this, We offer the **We Accelerated Accreditation Program (FAAP)** which has everything you need from scratch to accreditation including assistance and guidance for requirements Identification, documentation develop-ment, QMS implementations & raining, Internal audits, consulting, accreditation body assistance and more. **FAAP (We Accelerated Accreditation Program)** will maximize the efficiency of the processes, minimize your internal resources and position your management system to begin to improve now.

Most companies average 15-20 months to achieve accreditation. This is due to a steep learning curve, multiple document revisions, over documentation etc. With **FAAP (We Accelerated Accreditation Program)** our clients will achieve accreditation in an average of 6-7 months.

ACCREDITATION GUARANTEE

We are confident that FAAP ((We) Accelerated Accreditation Program) is so effective that we guarantee our clients will achieve their accreditation.

Our record is a testament that we provide our clients professional documentation and establish systems that are beneficial to the company as a whole and their employees in particular.

ISO/IEC 17025

ACCREDITED LABORATORY

IFM Engineering Consultancy Services

Tel: +9712 - 6986000
Email: info@ifmconsulatns.com
www.ifmconsulatns.com