Transition Training on ISO/IEC 17025:2017
Laboratory Management System (LMS)

Organized by

FICCI QUALITY FORUM

Dec 06 – 07, 2018

FICCI, New Delhi

1. Introduction

ISO 17025 is most used laboratory management system all over the world and ISO 17025:2017 is all set to replace existing ISO 17025 by end of 2018. The latest revision specifies the general requirements for the competence, impartiality and consistent operation of laboratories. This course will explain the requirements of the new standard and give you the information required for successful transition to ISO 17025:2017. At the end of this course delegates will be able to:

- ✓ Understand and interpret the meaning of the high level structure of new standard
- ✓ Able to identify the requirements that are new, substantially revised and deleted.
- ✓ Prepare for re-certification to ISO 17025:2017

2. Course Objectives

The aim of the course is to provide an introduction to the new ISO/IEC 17025:2017 structure and content, and presents a crosswalk comparison to the ISO/IEC 17025:2005. In addition, the course outlines the key changes to ISO/IEC 17025 by identifying those requirements that are new, substantially revised and deleted. At the end of the course, participants will be able to:

- ✓ Allows laboratories to implement a sound quality system and able to produce valid and reliable results.
- ✓ Helps facilitate cooperation between laboratories and other bodies by generating wider acceptance of results between countries.
- ✓ Help in improve international trade.

3. Pre-requisite

Participants should be familiar with ISO/IEC 17025:2005 requirements.

4. You should attend this course if,

- ✓ You want to understand the general requirements for the competence, impartiality and consistent operation of laboratories.
- ✓ You want to understand the value of operating effective LMS
- ✓ You are looking to expand your skills in the area of good laboratory practices
- ✓ You want to know the latest changes in market conditions and technology
- ✓ You want to cover technical changes, vocabulary and developments in IT techniques
- ✓ You are involved in preparing your organisation for assessment/ accreditation by NABL or you are already a Quality/Technical Manager in NABL accredited laboratory
- ✓ You want to assess LMS of your supporting laboratories

5. Course Material

Course kit comprising detailed course material and International Standard ISO/IEC 17025:2017 is provided to each participant.

6. Methodology & Certification

A judicious mix of class room presentations, exercises, group discussion, case studies and hands-on practice will be used. Participants will be encouraged to relate the learning to live situations. Participants who successfully complete the continuous assessment during the course and also the written examination conducted on 2nd day of the course will be issued a certificate by FICCI.

For further details, & to reserve your seat, please contact:

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7. About our Lead Faculty

Our Lead faculty of this course Mr. M. G. Sathyendra has more than 37 years of experience in the field of National & International Compliance. Served with Bureau of Indian Standards (BIS) for 17 years - (final posting as Director, Started and headed Indian operations of CSA International, Canada. For 7 years Subsequently with Intertek (Head-south & West) 4 years. Independent consultant since last 9 years, Trainer for ISO/IEC 17025, 17020, 9001 and 13485. Technical expert/assessor for NABL since 2006, Technical expert for NABCB. (National accreditation board for Certification bodies). Consultant on Global certification for EU, North America Faculty for training on CE marking for Indian electrical and electronic mfrs association, (IEEMA), Indian machine tool mfrs association (IMTMA), for Medical devices – Quality council of India and CITD (capacity initiative for technical development – A Govt of India-EU programme) While at BIS handled Inspections and testing for UL-USA, SABS (south Africa) CSA Canada for 16 years

8. Course Schedule & Registration Procedure

Date: Dec 06 – 07, 2018

Timing: 09:30 hrs – 17:30 hrs

Nature: Non residential

Venue: FICCI, New Delhi

Participation Fee: Rs. 8,500 plus GST @ 18% i.e. total of Rs. 10,030/- (Includes cost of training, course kit, lunch, tea etc.)

Registration: Send registration form along with Cheque/DD in favour of "FICCI Quality Forum". The seats are limited to 20 and registration will be done on first come first serve basis

9. About FICCI Quality Forum

FICCI Quality Forum (FQF) is a specialized division of Federation of Indian Chambers of Commerce and Industry (FICCI) set up with objective to sharpen the competitive edge of Indian Industry. FQF provides training, consultancy and research services focused on enhancing the quality quotient of clients and partner organization.

For the past 20 years, FQF is providing training on various ISO management systems and has a pool of highly competent & experienced trainers to conduct training courses.

FQF has collaboration arrangements with Intertek India for providing IRCA, UK approved Auditor/Lead Auditor training courses on ISO 9001 Quality Management System (QMS), ISO 14001 Environment Management System (EMS), ISO 22000 Food Safety Management System (FSMS), Occupational Health and Safety Management System (OHSAS) 18001, ISO 50001 Energy Management System (EnMS), ISO 27001 Information System Management System (ISMS) etc. A summary of feedback of past participants is also included in this brochure.

In addition, we also provide training on Six Sigma Green and Black belt certification, and Project Management, Risk Management etc. We also provide consultancy support on effective implementation of above management systems including Laboratory Management System (LMS) leading to certification/accreditation.

10. Course Content

1. **Introduction**
   - Quiz on Laboratory Accreditation
   - Introduction to Laboratory Management System Concepts
   - Nominal cross reference between 2005 and 2017 version of the Standard
   - ISO 17025:2005 v/s ISO 17025:2017 (Overview of major changes)
2. **General requirements**
   - Impartiality
   - Confidentiality
3. **Structural Requirements**
4. **Resource Requirements**
   - General
   - Personnel
   - Facilities and Environmental Conditions
   - Equipment
   - Metrological Traceability
   - Externally Provided Products and Services
5. **Process Requirements**
   - Review of Requests, Tenders and Contracts
   - Selection, Verification and Validation of Methods
   - Sampling
   - Handling of Test or Calibration Items
   - Technical Records
   - Evaluation of Measurement Uncertainty
   - Ensuring the Validity of Results
   - Complaints
   - Management of Nonconforming Work
   - Control of Data - Information Management
6. **Management System Requirements**
   - Documentation Requirements
   - Actions to Address Risks and Opportunities
   - Improvement
   - Corrective Action
   - Internal Audits
   - Management System Reviews
7. **Risk Based Thinking Concept**
   - Risk Management Concepts
   - Risk Identification and Categorisation
   - Risk Mitigation Plan
8. **Interactive Discussion on Documentation Changes as per Revised Version**
9. **Implementation Issues & Accreditation**
   - Implementation Phases
   - Issues and Challenges
   - Accreditation Requirements and its Challenges
   - Q&A, FEEDBACK & CLOSING

Syndicated Exercises & Case Studies on Above

Some Comments from participants of ISO Training Programs conducted by FICCI

- *The course and the way it was delivered certainly deserve high grades on the scale. It has gone beyond what I had expected before being part of it.*
- *The friendly and tension free environment created by the trainer.*
- *Calmness of trainer in answering all the queries.*
- *The learning that comes with each course is always good but the way it is given is important.*
- *The Course material/learning were very well disseminated and the ease with which I could learn was good. I enjoyed learning.*
- *I had wonderful experience which is full of knowledge and information which will not only help in my professional life but also personal life.*
- *Programme was very good especially faculty was extremely good; having full knowledge about the concept.*
- *Through this course, I got more benefit. Before this course my knowledge on LMS was zero. But now I can say I am having more knowledge.*
- *The structured methodology and experience & expertise level of the faculty.*
- *Ample time being given to understand every aspect of the standard.*
- *Training material was very clear and sequential methodology was conducive to learning.*
- *The Role Play-Audit, Exercises in groups & individual assignments.*
- *The deliberations by the faculty was the best thing. His pace & pitch during the entire course was constant which led to good learning.*
- *Lively presentation, healthy interaction and professional approach.*
- *Teaching method was excellent. Still can't believe that whole ISO 17025 covered and understood so well in 4 days.*

LIST OF PARTICIPANTS OF LAST TRANSITION TRAINING ON ISO/IEC 17025
LABORATORY MANAGEMENT COURSE

Ms. Manju Bala Central Insecticides Laboratory Faridabad **E:** manjubala1715@gmail.com	**Dr. Virendera Kumar** Central Insecticides Laboratory Faridabad **E:** chemcil@nic.in
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