Effective Involution and Internal Audit of ISO (IEC 17025-2017		
Effective Implementation and Internal Audit of ISO/IEC 17025:2017 Laboratory Management System (LMS) and NABL Criteria		
FICCI QUALITY FORUM	ized by	
BETHEBEST May 6 -	9, 2019	
	umbai	
1. Introduction	maintain and improve laboratory activities	
Though the revised Standard, ISO/IEC 17025:2017 does not specify a position of	✓ You want to understand the value of operating effective LMS	
Quality Manager, a laboratory holding or seeking accreditation is required to have	 You are looking to expand your skills in the area of good laboratory practices 	
personnel who, inter-alia, shall implement, maintain and improve the management system, and shall report to laboratory management on the performance of the management system	 ✓ You are involved in preparing your organisation for assessment/accreditation by NABL to the requirements of ISO/IEC 17025:2017 	
and ensure the effectiveness of laboratory activities. So it is essential that the designated personnel, however named, should be well	 You want to assess LMS of your supporting laboratories 	
versed with all the requirements of ISO/IEC	4. Course Material	
17025:2017 version. Since the Standard does not specify a Quality	Course kit comprising detailed course material and International Standard ISO/IEC 17025:2017	
Manager, NABL's requirement of a 4-day course	is provided to each participant.	
on ISO/IEC 17025 is construed to apply to all laboratory personnel who implement and	5. Methodology & Certification	
maintain the laboratory management system	A judicious mix of class room presentations, exercises, group discussion, case studies and	
2. Course ObjectivesThe aim of the course is to provide a concerted	hands-on practice will be used. Participants will be encouraged to relate the learning to live	
and comprehensive training on development & implementation of ISO/IEC 17025:2017 Laboratory Management System (LMS) for building competence of all personnel who implement, maintain and improve laboratory activities in testing and calibration laboratories.	situations. Participants who successfully complete the continuous assessment during the course and also the written examination conducted on 4 th day of the course will be issued a certificate by FICCI.	
At the end of the course, participants will be able	6. Course Schedule & Registration Procedure	
to:	Date: May 6 - 9, 2019	
 ✓ Interpret the requirements of ISO/IEC 17025:2017 and how to apply these 	Timing: 09:30 hrs – 17:30 hrs	
requirements correctly	Nature: Non residential	
 ✓ Conduct an effective gap analysis / internal audit / third party audit of LMS 	Venue: Mumbai	
 Initiate and drive implementation of LMS in their laboratory in planned and effective manner 	Participation Fee: Rs. 17,000 plus GST @ 18% i.e. total of Rs. 20,060/- (Includes cost of training, course kit, lunch, tea etc.)	
3. You should attend this course if,	Registration: Send registration form along with Cheque/DD in favour of "FICCI Quality Forum".	
 ✓ You want to comply with mandatory NABL criteria and requirements for training of personnel who implement, 	The seats are limited to 20 and registration will be done on first come first serve basis	



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

Ashish Dhiman **T: +**91-11-2348 7392 M: +91 - 70424 83366

E: fqf@ficci.com; ashish.dhiman@ficci.com

7. About our Lead Faculty

Our Lead faculty of this course Mr. Basudev Bhattacharya has rich experience of 47 years in the field of designing, functioning, & managing testing laboratories. He was one of the founder members of Pilot Test House of the Government of India, Ministry of Commerce, a premier test and calibration centre for testing export products from the country.

Mr Bhattacharya was trained on Laboratory Management in UK in 1988 under the Indo-EEC Co-operation. He has been an International consultant in the field of laboratory accreditation on behalf of the UN Agencies, ITC/UNCTAD/WTO, Geneva; and UNIDO, Vienna. He was Chairman of Technical Committee on Photometry of NABL and member of the NABL technical committees on Clinical & Food Testing Laboratories.

He has presented and published more than 30 papers on a variety of technical subjects in National and International Journals, seminars and conferences. He has conducted more than 270 in-house workshops and training programmes on LMS, Measurement Uncertainty, Quality Assurance, Calibration in India, Bangladesh, Mauritius, Dubai, Abu Dhabi, Kuwait, Rwanda, Maldives, Bhutan & Nepal and has trained more than 2800 persons. He has been providing auditing services to accredited laboratories and certified organizations as per ISO/IEC 17025, ISO 15189 & ISO 9001 Standards, and has conducted more than 75 such audits.

He has also provided LMS implementation support to 15 laboratories in different disciplines (viz. Chemical, Clinical, Mechanical, Electrical testing etc and Calibration of Mass-Dimension-Thermal-Pressure which have successfully achieved NABL accreditation.

8. 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.



 Introduction Correlies of IsO/IEC 17025:2017 Nominal cross reference with 2005 version of the Standard Coerview of ISO/IEC 17025:2017 Nominal cross reference with 2005 version of the Standard General Requirements Impartiality Confidentiality Structural Requirements General Requirements General Requirements General Requirements General Requirements General Requirements General Requirements Sectorize Requirements Sectorize Requirements Sectorize Requirements Sectorize Requirements Sectorize Requirements Sectorize and environmental conditions Externally provided products and services Procress Requirements Resouring of results Selection, verification and validation of methods Selection verification and validation of methods Seporting of results Seporting of results Seporting of results Control of data and information management Management Requirement Control of management system documents Ananagement system documents Control of records Actions to address risks and Training metrelation, healthy interactior professiona			
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9. Internal auditing	
9.1 Introduction to Audit	
9.2 Types and Methods of Audit	
9.3 Checklist Preparation,	
9.4 Audit Planning and Audit Schedule.	
9.5 The Audit Process	
9.6 Identification of Non-Conformities	
9.7 Preparation of Audit Report	
10.Steps of Implementation of LMS leading	
to accreditation	
11.Discipline-wise specific criteria of NABL	
accreditation viz. Chemical, Mechanical,	
Electrical, Clinical, Biological, Calibration	
etc.	
12. The Accreditation process of NABL	
12.1 Adequacy audit	
12.2 Pre-assessment by Lead Assessor	
12.3 Final assessment	
12.4 Examination of assessment report by	
Accreditation Committee	
12.5 Issue of accreditation certificate	
Syndicated Exercises on above	

