

Effective Implementation and Internal Audit of ISO/IEC 17025 Laboratory Management System (LMS) and NABL Criteria

Training Content

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| <p>1. Introduction</p> <ul style="list-style-type: none"> 1.1. Certification and Accreditation 1.2. The Global scenario and APLAC, ILAC MRA 1.3. The Process of Laboratory Accreditation. 1.4. Management Requirements of ISO/IEC 17025:2005 1.5. Management Requirements of ISO/IEC 17025:2005 1.6. Detailed examination of important management system elements. | <p>2. Introduction to Auditing</p> <ul style="list-style-type: none"> 2.1. Types and methods of Audit 2.2. Checklist preparation, Audit Planning and Audit Schedule. 2.3. The Audit Process |
| <p>3. Detailed examination of important technical operations</p> <ul style="list-style-type: none"> 3.1. Overview of Measurement uncertainty. 3.2. Equipment 3.3. Measurement Traceability. 3.4. Assuring Quality of Test & Calibration results. 3.5. Personnel 3.6. Accommodation and Environment Conditions 3.7. Test & Calibration Methods and method validation. | <p>4. Identification of Non Conformities</p> <ul style="list-style-type: none"> 4.1. Preparation of Audit Report 4.2. The Internal Audit Process 4.3. Implementation of Laboratory Management System with evidence leading to accreditation |
| <p>5. Technical Requirement of ISO/IEC 17025:2005 Standard</p> | <p>6. Syndicated exercise on:</p> <ul style="list-style-type: none"> a. Management Requirement b. Developing <i>Documented Procedure</i> c. Technical requirements d. Developing standard operating procedure e. Internal Audit f. Identification and writing of Non-conformities g. Corrective action close out of non conformities |