



Leading the Modern
Quality Movement in Pakistan

Fundamentals of ISO 17025:2017 Lab Management System



*Laboratory Managers, QA/QC
Managers, Instrumental Engineers,
Chemists.*



Fundamentals of 17025:2017 Lab Management System

Introduction

Throughout the world, modern testing and calibration facilities acquire Laboratory Accreditation to demonstrate their technical competence to perform specific types of testing, measurement & calibration. The criteria for accreditation are based on an international standard, ISO/IEC 17025, which is used for evaluating laboratories. The standard is used to assess factors relevant to a laboratory's ability to produce precise and accurate test & calibration data including technical competency of staff, validity and appropriateness of test methods, traceability of measurement and calibrations to national/ International standards, suitability, calibration and maintenance of test equipment, testing environment, Quality Assurance of test & calibration.

Learning Outcomes

After doing this training program participants will be able to:

1. Understand fundamentals of lab quality management.
2. Explain requirements of ISO/IEC 17025:2017.
3. Understand implementation step for the standard.
4. Describe documented information requirements for internal or accreditation audits.

Course Contents

1. Management of Laboratory.
2. Qualification, Training and Experience of the Staff.
3. Accommodation and Environmental Condition.
4. Test/ Calibration Methods and Validation.
5. Maintenance and Calibration of Test Equipment.
6. Handling of Calibration and Test items.
7. Reporting the Test and Calibration Results.

Valuable for

Laboratory Managers, QA/QC Managers, Instrumental Engineers, Chemists.

Duration

02 Days



PIQC - Center for Excellence

Leading Institute in Pakistan providing academic programs, professional diplomas & certifications, short courses and corporate development in Quality Control (QC), Quality Assurance (QA) and Total Quality Management (TQM), Human Resource Management (HRM) and Health, Safety and Environment (HSE). Celebrating the 30th year of its establishment, PIQC vision is to see Pakistan a hallmark of Quality in the national and global environments. With its leadership and team of specialists, it has provided academic education and professional courses to more than 45,000 students and professionals. It is the pioneer and most authentic source for running International Six Sigma and Lean Manufacturing programs, including Six Sigma Yellow Belt, Six Sigma Green Belt and Six Sigma Black Belt in Pakistan.

PIQC has professional collaborations and linkages with various local and foreign organizations including Hamdard University, Superior University, NED University of Engineering and Technology, IQCS Certification, Singapore Quality Institute International (SQII), American Society for Quality (ASQ), and Quality and Productivity Society of Pakistan (QPSP)

Degree Programs	Professional Diploma	International Certifications	Corporate Courses	International Conventions
Masters & MPhil in: Quality Management Human Resource Management Industrial Management EHS Management	PIQC Diplomas/ Certifications in Quality Management Project Management Health Care Quality Management HSE Management HR Management Supply Chain Management	Internationally Recognized Certifications IRCA (UK) Accredited Certified ISO 9000 Lead Auditor Certified Six Sigma Green Belt & Black Belt	Nation-wise seminars & workshops on Total Quality Management, Six Sigma, ISO 9000 Quality Assurance in Manufacturing, Services, Education, Banks and Healthcare, Total Productive Maintenance	PIQC has organized 13 International Conventions on Quality Improvement and 5 National Conferences on Quality Education in Pakistan since 1991

PIQC INSTITUTE OF QUALITY

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