



Leading the Modern  
Quality Movement in Pakistan

# Internal Auditing to ISO 17025:2017 Lab Management System



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



# Internal Auditing to 17025:2017 Lab Management System

## Introduction

The standard ISO/IEC 17025:2017 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. Effective implementation or maintenance of quality management system in laboratories needs qualified and competent internal management system auditors. Organizations can benefit a lot from ISO/IEC 17025:2017 lab quality management system provided effective internal audits are conducted. This training program is designed to understand audit requirements, revive competence of auditors and effectively manage internal audits for ISO/IEC 17025:2017.

## Learning Outcomes

After doing this training program participants will be able to:

1. Understand fundamentals of lab quality management.
2. Understand key requirements of ISO/IEC 17025:2017.
3. Understand internal audit process and related documented information.
4. Comprehend effective handling of audit non-conformities.

## Course Contents

1. Interpretation of ISO/IEC 17025:2017 requirements .
2. Fundamentals of internal auditing.
3. Risk based internal auditing.
4. Documented information for lab management system audit.
5. Internal audit management processes.
6. Root cause analysis (RCA) tools.
7. Reporting the audit Results.

## Valuable for

Laboratory Managers, QA/QC Managers, Laboratory staff, 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

#### Head Office

Training Department  
½ km Defence Road, Off 10 km Raiwind Road,  
Lahore, Pakistan  
Tel: 0092 42 35323600-6,  
Fax: 0092 42 35324169  
Cell # 0334-7472722  
Email: training@piqc.edu.pk,

#### Karachi Office:

C-35, Block-10-A, Gulshan-e-Iqbal,  
Karachi - Pakistan  
Tel: +92-21-34177278-79  
Cell #0333-2163620; 0315-0027826  
E-mail: ikram@piqc.edu.pk  
piqc@cyber.net.pk

Web: [www.piqc.edu.pk](http://www.piqc.edu.pk)