ISO 17043 UNDERSTANDING AND IMPLEMENTING TRAINING

Course Title: ISO 17043 Understanding and Implementing Training

Course Validity: 2 Days

Validity: Not Applicable

HRD Corp Scheme: Claimable

INTRODUCTION

This training provides participants with a clear understanding of ISO 17043 requirements for proficiency testing providers and how to implement them effectively. It covers the standard's structure, technical and management system requirements and operational controls needed to ensure reliable and competent proficiency testing schemes. Through discussions, examples and implementation exercises, participants will learn how to establish, maintain and improve PT programmes in accordance with ISO 17043.

OBJECTIVE(S):

- Understand ISO 17043 purpose, structure and key requirements.

- Learn management and technical requirements for PT providers.

- Strengthen understanding of PT scheme design and development.

- Apply effective methods for homogeneity and stability testing.

- Manage subcontracting, confidentiality and impartiality.

- Ensure validity of PT results and evaluation of participants' performance.

- Develop documentation aligned with ISO 17043 requirements.

- Support effective implementation and preparation for accreditation.

TARGET GROUP(S):

- Proficiency testing providers

- Laboratory managers and technical personnel

- Quality assurance and accreditation teams

- ISO/IEC 17025 and ISO 15189 laboratory personnel

- Internal auditors and compliance officers

- Organisations establishing PT programs

ENTRY REQUIREMENT(S):

- Able to read, write and communicate verbally in Malay/English

TOPIC(S):

1. Introduction to ISO 17043 and PT Provider Requirements

2. Management System Requirements for PT Providers

3. Technical Requirements: PT Scheme Design and Development

4. Homogeneity, Stability and Sample Handling

5. Statistical Design and Evaluation of PT Results

6. Handling Data, Reporting Results and Confidentiality

7. Corrective Actions, Improvement and Risk Management

8. Implementation Guidance and Accreditation Preparation

LIST OF REFERENCE BOOK(S):

- ISO 17043 Standard

- ISO/IEC 17025 and ISO 15189 related references

- Proficiency testing design and statistical analysis guides

LIST OF TEACHING AID(S):

- LCD projector
- Computer
- Whiteboard with accessories
- Flip chart with accessories
- PT programme templates and statistical tools

METHODOLOGY(S):

- Lecture
- Case studies
- Group discussions
- Documentation review
- Implementation exercises

TRAINING SCHEDULE

Day 1

Time	Activity / Topic
8:30 am – 9:00 am	Registration and Introduction
9:00 am – 10:15 am	Topic 1: ISO 17043 Overview and PT Provider Requirements
10:15 am – 10:30 am	**Morning Tea Break**
10:30 am – 12:30 pm	Topic 2: Management System Requirements
12:30 pm – 1:30 pm	**Lunch Break**
1:30 pm – 3:30 pm	Topic 3: Technical Requirements – PT Scheme Design
3:30 pm – 3:45 pm	**Afternoon Tea Break**
3:45 pm – 5:00 pm	Topic 4: Homogeneity and Stability Testing

TRAINING SCHEDULE

Day 2

Time	Activity / Topic
8:30 am – 9:00 am	Recap of Day 1
9:00 am – 10:15 am	Topic 5: Statistical Design and Evaluation of PT Results
10:15 am – 10:30 am	**Morning Tea Break**
10:30 am – 12:30 pm	Topic 6: Sample Handling, Confidentiality and Reporting
12:30 pm – 1:30 pm	**Lunch Break**
1:30 pm – 3:30 pm	Topic 7: Corrective Actions, Improvement and Risk Management
3:30 pm – 3:45 pm	**Afternoon Tea Break**
3:45 pm – 5:00 pm	Topic 8: Implementation Guidance and Accreditation Preparation