

# Laboratory Quality Management System

## ISO/IEC 17025:2017

### Control, Documentation & Implementation Training



#### OBJECTIVE

- To understand the entire requirements of the ISO/IEC 17025:2017 standard
- To design and implement ISO / IEC 17025:2017 requirements for laboratories.
- Enable participants to revise the quality system documentation as required by the new version of the standard
- To develop systematic approach to expand your skills in the area of good laboratory practices

#### GENERAL INFORMATION

- Venue:** ACI Training Venue
- Duration:** 1 Day
- Language:** Cantonese supplemented with English Material
- Methodology:** Presentation and experience sharing
- Certificate:** Certificate of successful Completion will be awarded to delegates who have attended full course

#### WHO SHOULD ATTEND?

- Anybody who wants to understand the value of operating effective laboratory management system
- Anybody who is involved in the implementation of or supervising of an ISO/IEC 17025:2017
- Suitable for those who are Quality / Technical Managers in laboratories, Laboratory technicians, calibration specialist

#### ENTRY REQUIREMENT

Delegates are better to complete "Understanding of Laboratory quality management based on ISO/IEC 17025: 2017" (Course Code: TLM1) or equivalent.

#### COURSE CONTENT

Preparation of quality control in the laboratory operation

- Daily operation quality control in a testing method (e.g. Method blank, Laboratory quality sample, spiked sample, CRM and etc.)
- Interlaboratory testing
- Interpretation of Proficiency Testing result
- Type and Application of Quality Control Chart
- Material verification
- Calibration and maintenance of laboratory instruments (e.g., volumetric apparatus, electronic balance, GC, LC, ICP, AAS and MS and etc.)

#### REMARK

- After completion of all TLM1, TLM3, TLM5 & TLM6, he or she is eligible for applying Professional Certificate of Laboratory Technical Officer.
- After completion of all TLM1, TLM3, TLM4, he or she is eligible for applying Professional Certificate of Laboratory Auditor.

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# 實驗室品質管理系統

## ISO/IEC 17025:2017

### 控制、文件處理與執行培訓

#### 培訓目的

- 全面了解ISO 17025:2017標準的要求
- 設計並執行ISO/IEC 17025:2017實驗室的要求
- 讓參與者能夠根據新版標準修訂質量體系文件
- 開展系統的方法以擴展在良好實驗室規範的技能

#### 培訓要求

建議代表們先完成「實驗室品質管理系統ISO/IEC 17025: 2017理解培訓」(課程編號: TLM1)或相關課程。

#### 培訓詳情

地點: ACI 訓練中心

時間: 一天

課程語言: 廣東話授課輔以英語教材

上課模式: 講解、工作小組討論與練習

證書: 高出席率之學員將獲頒發課程完成證書乙張

#### 培訓對象

- 任何想了解運行有效的實驗室管理系統之人士
- 任何參與實施或監督ISO/IEC 17025:2017之人士
- 適合為實驗室質量/技術經理、實驗室技術員或校準專案之人士

#### 培訓內容

- 實驗室操作中的品質控制準備
- 測試方法中的日常操作品質控制 (例如方法空白、實驗室品質樣品、添加樣品、CRM 等)
- 實驗室間測試
- 能力測試結果解釋
- 品質控制圖表的類型和應用
- 材料驗證
- 實驗室儀器的校準和維護 (例如體積儀器、電子天平、GC、LC、ICP、AAS 和 MS 等)

#### 備註

- 在完成所有 TLM1、TLM3、TLM5 和 TLM6 後, 他/她有資格申請實驗室技術人員專業證書。
- 完成所有 TLM1, TLM3, TLM4 後, 他/她有資格申請實驗室審核員專業證書。

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