

## **ISO/IEC 17025:2017 – LABORATORY MANAGEMENT SYSTEM AWARENESS**

*Date & Time: 4 August 2025; 9:00 – 11:00 GMT+8*

*Training platform: Virtually on Teams*

### **About APOLTS**

Asia Pacific Online Laboratory Training Service (APOLTS) is a strategic initiative to develop and deliver high-quality, region-specific educational content aimed at professionals in the South East Asia and South West Pacific regions.

APOLTS is a collaborative effort of the AOAC Southeast Asia Section (AOAC SEA), the AOAC South West Pacific Section (AOAC SWP), the Asia Pacific Food Analysis Network (APFAN), and the Pacific Islands Testing Committee (PITC) under the Pacific Quality Infrastructure Initiative (PQII).

### **About the online training course**

The **ISO/IEC 17025:2017 – Laboratory Management System Awareness** online training course is designed to provide participants with the requirements for the competence, impartiality and consistent operation of laboratories performing testing and/or calibrations. It helps strengthen the capacity of laboratories in the region, promoting consistent quality standards and regional harmonization in laboratory practices.

Participants will be able to:

- ✓ Understand the technical and management requirements of ISO/IEC 17025:2017;
- ✓ Understand the needed documents and records, at a minimum, to comply to the requirements;
- ✓ Understand how risk-based thinking is incorporated in the system;
- ✓ Understand the strategies needed to establish and implement policies and procedures; and
- ✓ Identify the strategies in the implementation of the LQMS in compliance to the international standard.

### **Course Fee**

Thanks to support from the AOAC SEA, AOAC SWP, APFAN & PITC, the course is free of charge.



**Scan to register**

*Duration: 2 hours*

*Certificate: Yes*

*Course materials: Yes*

*Course level: 1*

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*Course instructors:*

- Over 50 years of combined experience in government and private laboratories
- Consultant for the Australian Government, WHO, and various Philippine labs
- Technical and Management Assessor for the Philippine Accreditation Bureau

## COURSE OUTLINE

	Content	ISO/IEC 17025:2017 clause	Instructor
Lesson 1	<ol style="list-style-type: none"> <li>Introduction to ISO/IEC 17025 <ul style="list-style-type: none"> <li>Purpose and scope of ISO/IEC 17025</li> <li>Importance of accreditation for laboratories</li> <li>Overview of conformity assessment and accreditation bodies</li> <li>Benefits of ISO 17025 accreditation for the organization and customers</li> </ul> </li> <li>Key Concepts and Terminology <ul style="list-style-type: none"> <li>Definitions of critical terms used in ISO 17025</li> <li>Explanation of laboratory management system</li> <li>Difference between accreditation and certification</li> </ul> </li> </ol>	Clauses 1 to 4	Stewart Jones
Lesson 2	<ol style="list-style-type: none"> <li>General and Structural Requirements <ul style="list-style-type: none"> <li>Impartiality and confidentiality principles</li> <li>Organizational structure and lines of reporting</li> <li>Management system documentation essentials</li> </ul> </li> <li>Resource Requirements <ul style="list-style-type: none"> <li>Personnel competence and training</li> <li>Laboratory facilities and environmental conditions</li> <li>Equipment management and metrological traceability</li> <li>External services and supplies</li> </ul> </li> </ol>	Clauses 5 and 6	Admer Rey Dablio
Lesson 3	<ol style="list-style-type: none"> <li>Process Requirements <ul style="list-style-type: none"> <li>Review of requests, tenders, and contracts</li> <li>Selection, verification, and validation of methods</li> <li>Sampling and handling of test/calibration items</li> <li>Quality assurance and measurement uncertainty</li> <li>Reporting of results and management of nonconforming work</li> <li>Data control and information management</li> </ul> </li> </ol>	Clause 7	Admer Rey Dablio
Lesson 4	<ol style="list-style-type: none"> <li>Management System Requirements <ul style="list-style-type: none"> <li>Documentation control and records management</li> <li>Actions to address risks and opportunities</li> <li>Continual improvement, corrective actions, internal audits, and management review</li> </ul> </li> <li>Roles and Responsibilities <ul style="list-style-type: none"> <li>Roles of laboratory personnel in implementing ISO 17025</li> <li>How employees contribute to maintaining compliance and quality</li> </ul> </li> </ol>	Clause 8	Stewart Jones
Recap & Exam	<ol style="list-style-type: none"> <li>Summary <ul style="list-style-type: none"> <li>Recap of key points</li> <li>Clarification of common doubts</li> </ul> </li> <li>Exam</li> </ol>		Admer Rey Dablio
Certification	10. Certificates will be sent out via email		

## COURSE INSTRUCTORS



### **Stewart Jones**

Consultant to PIFS  
Coordinator of APFAN  
Co-chair of Capacity Building WG at AOAC SEA  
Advisor of AOAC SWP

Stewart Jones is a seasoned laboratory quality expert with over 33 years of experience across government and private sector laboratories. He previously served as Senior Manager – Laboratory Operations at the Australian National Measurement Institute (NMIA), formerly known as the Australian Government Analytical Laboratories (AGAL).

Throughout his career, Stewart has led numerous international projects and consultancies for the Australian Government and the World Health Organization (WHO), focusing on laboratory risk management, quality systems, and capacity building across the Asia Pacific region.

He currently serves as a consultant to the Pacific Islands Forum Secretariat (PIFS) under the Pacific Quality Infrastructure Initiative (PQII), a consultant to NMIA, and Coordinator of the Asia Pacific Food Analysis Network (APFAN). He is also Co-Chair of the Capacity Building Working Group for the AOAC Southeast Asia (AOAC SEA) Section and an advisor to the newly formed AOAC South West Pacific (SWP) Section.

Stewart holds a Bachelor of Science from the University of Western Australia (UWA), with a major in Organisation and Business Management and Honours in Chemistry.



### **Admer Rey Dablio**

Quality Manager & Technical Manager at ITDI  
Assessor & Vice-Chair at Philippine Accreditation Bureau  
Member TC 11 of IMEKO

Admer Rey Dablio is the Supervising Science Research Specialist and Overall Technical Manager for Chemistry Laboratory at the Standards and Testing Division of the Philippines' Department of Science and Technology (DOST) - Industrial Technology Development Institute (ITDI), where he also leads the implementation of the Laboratory Quality Management System (LQMS) as the Quality Manager. He serves as both a Technical and Management Assessor for the Philippine Accreditation Bureau, Department of Trade and Industry (PAB-DTI), with extensive experience evaluating laboratories for compliance with PNS ISO/IEC 17025:2017 and PNS ISO/IEC 17043:2022. With over 17 years of experience in method validation and verification, and more than a decade in LQMS implementation, Admer has trained numerous laboratory professionals on key ISO/IEC 17025 topics, including quality control, measurement uncertainty, decision rules, and conformity assessment. He is also Vice-Chair of the accreditation body's Technical Committee on Proficiency Testing and the Public Relations Officer of the Technical Committee 11 Testing, Inspection and Certification of the International Measurement Confederation (IMEKO).

He holds a B.S. in Chemistry from Xavier University – Ateneo de Cagayan, has earned graduate units in Chemistry at UP Diliman, and is a graduate of the Certificate Course on Quality and Productivity Management from the Development Academy of the Philippines.

Thank you for your interest in the courses offered by Asia Pacific Online Laboratory Training Service (APOLTS)!

We are committed to equipping individuals across government, industry, and academia with practical knowledge and regionally relevant skills. Our vision is to be the leading platform in the Asia Pacific region for accessible, flexible, and scalable online training in laboratory sciences—empowering professionals to advance food safety, quality assurance, regulatory compliance, and analytical excellence.