

# Policy Issues: Quality Control For Water Testing Laboratories in Afghanistan

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# Presentation Outline

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- Why do we need WQT Lab. Quality Control Policy?
- What are the differences between accreditation, certification and policy?
- What do you mean by QA and QC?
- What are the issues should be addressed in the WQT Lab Policy Framework?
- How shall we formulate the WQT Lab QC policy?

# Why do we need WQT Lab. Quality Control Policy?

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- Monitoring and reinforcing the national drinking water quality standards 2012.
- Providing reliable and quality services to clients.
- Promoting quality and innovative research in country.

# What are the differences between policy, accreditation and certification?

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## **Lab. Accreditation:**

- Process in which certification of competency, authority and credibility is presented.

## **Lab. Certification:**

- Process in which provide confirmation.

## **WQT Lab. QC Policy:**



# What are the issues should be addressed in the policy framework?

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- Laws and Executive Orders
- International and national operating standards
- Laboratory management system

# **What are the Lab. Management System?**

## **1. Logistic Management**

Organization, Facility and Safety, Personnel  
Equipment, Purchasing & Inventory

## **2. Operating Process**

Standards of Operation Process,  
Documentation and Records, Information &  
Dissemination

## **3. Periodic Monitoring System**

SOP, Satisfaction of Customer Service

# What type of elements address in the policy framework?

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- Laboratory' s vision, mission and values
- Laboratory' s objectives
- Laboratory' s administrative policy
- Laboratory standards of operation (SOP)
- Laboratory' s inventory
- Laboratory logistic, work ethic and monitoring
- Laboratory information system (forms)

# What is Quality Assurance?

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A **broad plan for maintaining quality** in all aspects of operations.

- Functions in terms of laboratory purpose
- Documentation of all procedures
- Staff training
- Data management and reporting
- Specific quality control measures



# What is Lab. Quality Control?

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It consists of the steps taken to verify the **validity of analytical procedures.**

- The best way to address QA & QC is by preparing a LABORATORY QUALITY MANUAL (LQM) in line with ISO/IEC 17025: 2005



# How shall we formulate the WQT Lab QC Policy?

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- Participatory way in the leadership of ANSA (Forming Technical Committees and working jointly with action plan).
- Jointly preparing ToR for Consultant and working together.
- Forming basket fund and hiring experts to prepare document and deliver training.

**Thank You for  
Your Attention!**

