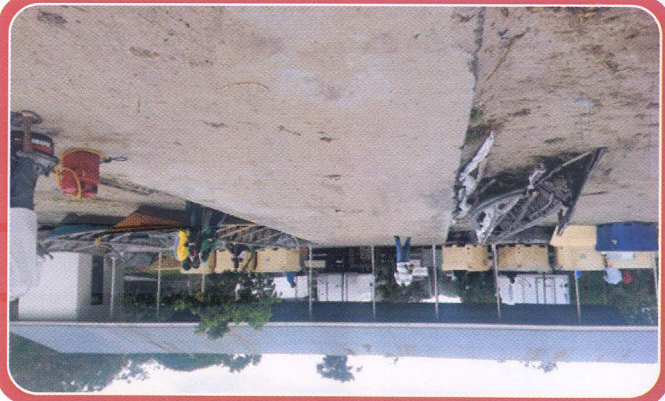
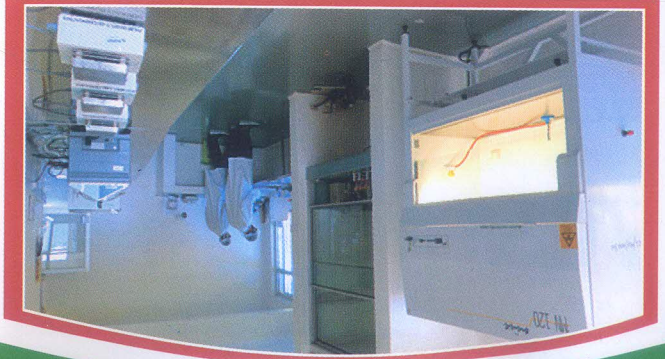


D: TRAINING
 Training on ISO 17025, ISO 17020, ISO 9001, ISO 22000 standards

E: RESEARCH AND CONSULTANCY:
 The NFQCL-Nyegezi collaborates in research with research institutes, United Nations and National development projects. It has invested modern and suitable equipments which are capable to accommodate research activities from colleges, universities and research institutions.

F: COMMUNITY INVOLVEMENT:
 The NFQCL-Nyegezi has been in foremost to organize fishing community around Lake Victoria Zone in raising awareness on their roles for ensuring sustainable fishing as well as good fishing practices. This has helped to improve infrastructure of various fish landing sites, facilitated to form beach management units (BMUs) which are now managing operations at the respective landing sites.

Test results for safety assurance helps to safe guard the general public from diseases out breaks and help in sensitizing measures to be taken so as to avoid likelihood for reoccurrence.



United Republic of Tanzania



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FISHERIES DEVELOPMENT DIVISION



NATIONAL FISH QUALITY CONTROL LABORATORY
NFQCL - NYEGEZI



National Fish Quality Control Laboratory - Nyegezi

Introduction

Fisheries development Division (FD) under the Ministry of Agriculture, livestock and Fisheries is the designated Competent Authority (CA) in all matters pertaining to fish and fishery products. This is in accordance with the Fisheries Act No. 22 of 2003 and the Fisheries Regulatory Act of 2009. Among other things, the CA through its inspection and laboratory services is responsible for monitoring and control as well as certifying fish and fishery products which meet national and/or internationally safety and quality standards and/or requirements in implementing the above mandates.

Currently, the fisheries Division has an accredited Laboratory located at Nyegezi in Mwanza city, namely "The National Fish Quality Control Laboratory (NFQCL) Nyegezi." The NFQCL - Nyegezi caters for microbiological and chemical parameters related to monitoring of aquatic environment. Currently the Laboratory has capability to analyze other food and feeds stuffs.



VISION

The vision of NFQCL-Nyegezi is to become the leading centre of excellence for offering quality analytical services pertaining to fish, fishery products, their related environment and other food products.

MISSION STATEMENT

The mission of NFQCL-Nyegezi is to achieve and maintain accreditation in compliance with ISO/IEC 17025 standard, requirements of accreditation bodies and provide quality services to customers.

NFQCL has a responsibility to protect the public health by ensuring that testing results depicts an actual situation and hence proving/certifying that the food and or animal feeds tested are fit and safe for human consumption.

OBJECTIVES

- The objectives of the NFQCL shall be**
- To ensure the accuracy and precision of the inspection and laboratory services/tests so that they will be reliable, interpretable, repeatable and defensible.
 - To establish and maintain national and international requirements of ISO 17025 standard and accreditation bodies.
 - To meet and exceed customer's need and expectations for precision, accuracy, sensitivity and specificity.
 - To maintain reputation for quality by fostering continuously process improvement and problem prevention.
 - To continuously maintain accreditation status.

SERVICES OFFERED:

The NFQCL- Nyegezi offers Microbiological and Chemical tests at affordable costs as well as training and consultancy services.

A: MICROBIOLOGICAL TESTS

The Microbiology Laboratory Section undertakes the following tests:

Sample Matrix	Type of Test (Parameter)	Area of application		
Fish, fishery products, food, feed stuffs and water	1	Total plate counts	Hygiene	
	2	Total coliforms		
	3	Total coliforms colony count		
	4	Staphylococcus aureus		
	5	Enterobacteriaceae		
	6	Escherichia coli		
	7	Thermotolerant coliforms		
	8	Yeast and molds plate count		
	9	Vibrio cholerae		Safety
	10	Listeria monocytogenes		
	11	Vibrio parahaemolyticus		

B: CHEMICAL TESTS

The Chemical Laboratory Section undertakes the following tests by using morden testing equipment as follows:

- Physical chemical test parameters in water samples
- Determination of pesticide, PCBs, PAHs in food, fish, fishery products, water and sediments,
- Determination of pollutants, antibiotics, antioxidants, aflatoxins, additives etc.
- Heavy metals and chemicals in water, sediments, fish and food samples
- Detection of histamine in fish and fishery products
- Proximate analysis in Fish, fishery products, Food, feed stuffs and water

C: INSPECTION SERVICES

The Inspection Services Section undertakes the following services:

- Auditing and inspection of fish establishments, cold storage facilities and landing sites
- Creating awareness of fish stakeholders on proper fish handling and processing Practices
- Product Certification before export
- Collection of fish, fishery products, Food, feed stuffs, sediment and water samples for compliance verification purposes
- Approval for fish transport vessels and trucks