

## National Fish Quality Control Laboratory - Nyegezi

### INTRODUCTION

Fisheries Development Division (FD) under the Ministry of Livestock Development and Fisheries is 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 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 nationally and 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 analyses of fish, fishery products and parameters related to monitoring of aquatic environment. Currently the laboratory has capability to analyze other food and feeds stuffs.



### ORGANIZATION AND RESPONSIBILITIES

The NFQCL-NYEGEZI is headed by zonal officer In-charge who supervises the day to day activities of laboratory. The Laboratory executes its duties and responsibilities through three decisive making level of organization. These include the executive management Team (EMT), the laboratory management team (LMT) and technical Management Team (TMT).

- The EMT comprises of Director of Fisheries, assistant Director of Fisheries-FQCS & M and zonal officer in-charge.

- The LMT comprises of Assistant Director of Fisheries-FQCS & M, Zonal Officer In-charge, Documentation Officer and Head of Laboratory.
- The TMT comprises the zonal Officer In-charge, Documentation Officer, Head of Laboratory and Analysts.

### VISION

To become the leading center of excellence in quality analytical services for Food and Food Products (fish, fishery products).

### MISSION STATEMENT

To achieve and maintain accreditation status in compliance with ISO/IEC 17025 standard, abide to accreditation bodies requirements and provide quality services to achieve customers' satisfaction.

### LABORATORY OBJECTIVES

The objectives of the laboratory are reviewed during Management review meetings to continuously improve the effectiveness of the management system. NFQCL-Nyegezi Objectives include.

- To ensure the accuracy and precision of the laboratory services so that produced result are reliable, interpretable, repeatable and comparable.
- To establish and maintain national and international recognition through compliance with the requirement of ISO/IEC 17025 standards and accreditation bodies.
- To meet needs and exceed customer's expectation for precision, accuracy, sensitivity and specificity.
- To maintain NFQCL'S reputation for quality by fostering continuously process improvement and problem prevention.
- To continuously maintain NFQCL-Nyegezi accreditation status.

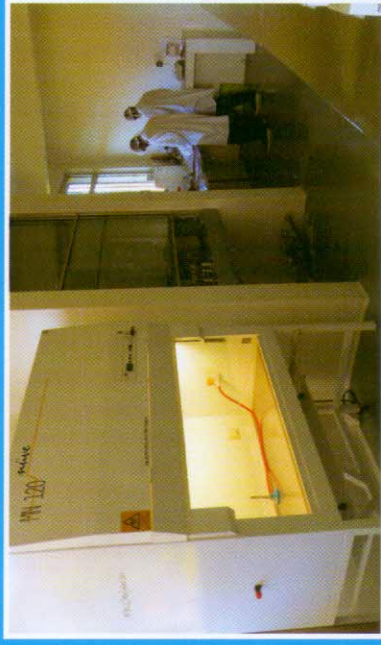


### PROGRAMMES

#### 1) Microbiology Analysis

Food and feeds testing parameters include: Total plate counts, Total coliforms, *Enterobacteriaceae*, *Staphylococcus aureus*, *Salmonella spp.*, *Vibrio cholerae*, *Vibrio parahaemolyticus*, and *Escherichia coli*

Water quality testing parameters include: Total plate count at 22 and 37°C, coliform bacteria, *E. coli* and *Salmonella spp.*



#### 2) Chemical Analysis

The laboratory which is working to achieve accreditation status in accordance to requirements of ISO/IEC 17025 Standards for Food and Feeds. Food contaminants and environments chemical parameters.

The laboratory is equipped with ultra modern analytical equipments with highest sensitivity and selectivity capacity that can detect as much as below 10pg/ml or 10pg/kg. The laboratory can perform more than 100 parameters from Foods and Feeds contaminants and Chemical parameters related to environmental monitoring.



3) Inspection and auditing services in food establishments, laboratories

4) Training on ISO 17025, ISO 9001 series, ISO 22000, HACCP etc.

5) Research and consultancies: NFQCL – Nyegezi collaborates with universities, training and research institutes as well as NGOs in carrying out various researches in food and feeds.



**6) TASP II Project:**

The project aims to alleviate poverty to fishers and fish traders by increasing their economy and ensuring fish resources sustainability through improved fish quality and safety handling infrastructures. This will result into increased accessibility to both domestic as well as export markets. The project specific expected results include: To build capacity through strengthening NFQCL and inspection staff and procuring analytic equipment. To strengthen fishers and fish traders to comply with sanitary and phytosanitary standards (SPS) measures to improve quality and ensure safety on their fishery products. And to improve hygienic/quality handling, processing and packaging of dagaa.

**CUSTOMERS:**

NFQCL – Nyegezi welcomes values and offers its services to all customers inside and outside National.

# United Republic of Tanzania



## FISHERIES DEVELOPMENT DIVISION



### NATIONAL FISH QUALITY CONTROL LABORATORY NFQCL-NYEGEZI

Action Programmes For Strengthening Measures  
For Fish Quality & Standards Compliance



TRADE AND AGRICULTURE  
SUPPORT PROGRAMME II  
(TASP II)

## UNITED REPUBLIC OF TANZANIA



Ministry of Livestock and Fisheries Development  
Director of Fisheries  
P.O Box 2462  
DAR ES SALAAM  
Zonal Officer In-Charge  
P.O Box 1213  
MWANZA

Phone: +255 28 2550864  
Fax: +255 28 2550025  
+255 754/784 437234

E-mail: [nfqcl\\_mz@yahoo.co.uk](mailto:nfqcl_mz@yahoo.co.uk)