



THE UNITED REPUBLIC OF TANZANIA

MINISTRY OF INVESTMENT, INDUSTRY AND TRADE

TANZANIA BUREAU OF STANDARDS (TBS)



ISO 9001:2015

Member of the International Standardization (ISO), Codex Alimentarius Commission (WHO/FAO), Agent for ISO and other National Standards Bodies

## TRAINING COURSE ANNOUNCEMENT

### COURSE TITLE: LABORATORY QUALITY CONTROL

**Duration:** Five (5) days (24<sup>th</sup> to 28<sup>th</sup> July, 2023)

**Targeted participants:** Laboratory Analysts/Scientists/Technician, Quality Control personnel, Quality Assurance personnel and related fields.

**Note:** The course is not applicable for medical laboratories

#### Course Outline

1. Concept of quality, quality control and quality assurance;
  - Internal and external quality controls used in laboratories
  - Benefits of quality control and quality assurance
2. Requirements of standards on quality control (ISO/IEC 17025:2017);
3. Concept of quality control tools;
  - Quality control tools and its application (Flow chart, check sheets, Pareto chart, cause and effect diagram, scatter diagram, histogram, control charts)
  - Preparation and interpretation of quality control chart
  - Application of quality control chart for process improvement
4. Evaluation: group work, exercise, test and individual assignment.

#### Course presentation and methodology

Course will be presented in Swahili-English language. Also, the course will be delivered in mode of interactive tutor-led and trainee led, discussions, interaction sessions, and experience from trainees and group participation.

#### TBS HEADQUARTERS

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All Correspondence should be addressed to the **DIRECTOR GENERAL**

## Benefits of the course

After completion of this course, candidates shall be able to:

- i. select and apply appropriate quality control tools for process;
- ii. identify potential source of problem for process improvement; and
- iii. Interpret and apply quality control chart.

## Course requirements

Each student shall have calculator/laptop/iPad

## Course assessment and awards

Participant, who attends the course, participates group work, exercises, individual assignment and final test, and scores 60% and above of the final course evaluation awarded a certificate of successful completion. Otherwise, a participant who scores less than 60% of the final course evaluation awarded a certificate of attendance. In addition, the participant will be provided with training materials for further reference. Full attendance of participants is required during the course.

## Course fees

The course fee is TZS 500,000.00 per person for Tanzanians and USD 500 per person for foreigners, non-refundable. The fee shall cover tuition fee, stationeries, training materials, food and refreshments. Each applicant shall be responsible for his/her own travelling and accommodation expenses.

## Mode of application

Interested applicants are advised to apply for the course through email [researchandtraining@tbs.go.tz](mailto:researchandtraining@tbs.go.tz) and provide the following information:

- i. Full name of applicant;
- ii. Region and district of applicant;
- iii. Contact (physical address/P. O. Box) of applicant;
- iv. Phone number and email address of applicant; and

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All Correspondence should be addressed to the **DIRECTOR GENERAL**

- v. Organization name, TIN number, contact (physical address/P. O. Box), region and district (if any).

For enquiries, contact us through cell phone **No. +255 733 700447 from Monday to Friday (08h00 -16h00).**

### Mode of payment

Course fees shall be paid in full prior to the date of training. Government bill will be issued to applicant.

### Postponement and cancellation of training course

If a participant fails to attend the training for any reason, the paid course fee will not be refunded. In case the Bureau postpones the training, the applicant will be informed ten (10) days before commencement of the training course together with re-scheduled date.

### Training venue

The training will be conducted at TBS Headquarters, Ubungu Area, Morogoro Road/ Sam Nujoma Road, Dar es Salaam.

Issued by;

Gladness H. Kaseka

**Public Relations and Marketing Manager**

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