



THE UNITED REPUBLIC OF TANZANIA
MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY
THE NATIONAL COUNCIL FOR TECHNICAL
AND VOCATIONAL EDUCATION AND TRAINING

SN - 100052014



"Striving for World-Class Excellence in Technical and Vocational Education and Training"

Our Ref : AB. 81/211/01/115

Date: 10th August, 2022

Your Ref:

Principal,
Sunmaker Training Institute
Plot 1A-10/12, Close Bugolobi,
Kampala, Uganda.

Re: **DEVELOPMENT OF SECOND BATCH OF OCCUPATIONAL STANDARDS TO
SUPPORT TVET DEVELOPMENT IN TANZANIA**

Reference is made to your letter with titled Developing Second Batch of Occupational Standards to support the TVET development in Tanzania dated 22nd June, 2022.

2. We are glad that the Review of Occupational Standards Development (1st Batch) Project has been launched successfully on 15th June 2022. With the great efforts of Chinese vocational institutes as well as experts from China and Tanzania, the project is progressing with some remarkable milestones. Now we are looking forward to receiving your works so that we can discuss and finalize the Occupational Standards.

3. We are also happy to inform you that the areas which have been proposed for the second batch are of interest and aligned to National Development Strategy and NACTVET Plans. However, the Council has not allocated financial resources for the development of these proposed second batch Occupational Standards. Hence, the Council is requesting your good office to finance the development of these proposed Second Batch Occupational Standards to support TVET development in Tanzania.

4. Therefore, the Council is hereby request you to proceed with the development of occupational standards in the following areas but not limited to:

- (i) Aircraft Maintenance Engineering Technician (Airframe and Powerplant)
– Level: NTA 4
- (ii) Avionics Maintenance Engineering Technician – Level: NTA 4-5
- (iii) Leather Product Technician – Level: NTA 4,6
- (iv) Leather Processing Technician – Level: NTA 4-6
- (v) Livestock Veterinary Technician – Level: NTA 4-6

- (vi) Livestock Veterinary Engineer – Level: NTA 7-8
- (vii) Animal Breeding Technician – Level: NTA 4-6
- (viii) Animal Breeding Engineer – Level: NTA 7-8
- (ix) Brewing Technician – Level: NTA 4-6
- (x) Brewing Engineer – Level: NTA 7-8
- (xi) Aquaculture Technician – Level: NTA 4-6
- (xii) Flower Production and Processing Technician – Level: NTA 4-6
- (xiii) Tea Production and Processing Technician – Level: NTA 4-6
- (xiv) Crop Planting Technician – Level: NTA 4-6
- (xv) Crop Planting Engineer – Level: NTA 7-8
- (xvi) Herbal Medicine Planting Technician – Level: NTA 4-6
- (xvii) Fertilizer Production Technician – Level: NTA 4-6
- (xviii) Postharvest Technician – Level: NTA 4-6
- (xix) Wood Processing Technician – Level: NTA 4-6
- (xx) Textile Technician – Level: NTA 4-6
- (xxi) Textile Printing and Dyeing Technician – Level: NTA 4-6
- (xxii) Garment Design Technician – Level: NTA 4-6
- (xxiii) Garment Production Technician – Level: NTA 4-6
- (xxiv) Jewelry Processing Technician – Level: NTA 4-6
- (xxv) Food Inspection and Testing Technician – Level: NTA 4-6
- (xxvi) Culinary Technician – Level: NTA 4-6
- (xxvii) Culinary Engineer – Level: NTA 7-8
- (xxviii) Hotel Catering Management and Service Technician – Level: NTA 4-6
- (xxix) Tourism Management Service Technician – Level: NTA 4-6
- (xxx) Beauty Salon Technician – Level: NTA 4-6
- (xxxi) Infant and Toddler Service Technician – Level: NTA 4-6
- (xxxii) Nursing – Level: NTA 4-6
- (xxxiii) Public Health Safety Inspection and Quarantine Technician – Level: NTA 4-6
- (xxxiv) Public Health Technician – Level: NTA 4-6
- (xxxv) Pharmaceutical Preparation Technician – Level: NTA 4-6
- (xxxvi) Pharmaceutical Preparation Engineer – Level: NTA 7-8
- (xxxvii) Air Transportation Service Technician – Level: NTA 4-6
- (xxxviii) Civil Aviation Ground Equipment Maintenance Technician – Level: NTA 4-6
- (xxxix) Civil Aviation Transportation Equipment Operation Technician – Level: NTA 4-6
- (xl) Daily-use Chemical Production Technician – Level: NTA 4-6
- (xli) Oil, Gas, Geothermal Exploration Technician – Level: NTA 4-6

- (xlii) Petrochemical Product Technician – Level: NTA 4-6
- (xliii) Oil and Gas Storage and Transportation Technician – Level: NTA 4-6
- (xliv) Oil & Gas Geothermal Production Technician – Level: NTA 4-6
- (xlv) Oil and Gas Geothermal Drilling Technician – Level: NTA 4-6
- (xlvi) Chemical Testing Technician – Level: NTA 4-6
- (xlvii) Environmental Monitoring Technician – Level: NTA 4-6
- (xlviii) Weather Forecast Technician – Level: NTA 4-6
- (xlix) Metrology Technician – Level: NTA 4-6
- (l) Metrology Engineer – Level: NTA 7-8
- (li) Land Survey and Mapping Technician – Level: NTA 4-6
- (lii) Furniture Production Technician – Level: NTA 4-6
- (liii) Architectural Engineering Technician – Level: NTA 4-6
- (liv) Architectural Material Production and Processing Technician – Level: NTA 4-6
- (lv) Architectural Interior Design Technician – Level: NTA 4-6
- (lvi) Water Conservancy and Hydropower Engineering Technician – Level: NTA 4-6
- (lvii) Water Conservancy and Hydropower Engineering Engineer – Level: NTA 7-8
- (lviii) Renewable Energy Engineering Technician (Hydro) – Level: NTA 4-6
- (lix) Renewable Energy Engineer (Hydro) – Level: NTA 7-8
- (lx) Renewable Energy Engineering Technician (Solar) – Level: NTA 4-6
- (lxi) Renewable Energy Engineer (Solar) – Level: NTA 7-8
- (lxii) New-Energy Vehicle Technician – Level: NTA 4-6
- (lxiii) New-Energy Vehicle Engineer – Level: NTA 7-8
- (lxiv) Railway Locomotive Operation and Maintenance Technician – Level: NTA 4-6
- (lxv) Railway Locomotive Operation and Maintenance Engineer – Level: NTA 7-8
- (lxvi) Lifting, Loading and Unloading Machinery Operation Technician – Level: NTA 4-6
- (lxvii) Welding Technician – Level: NTA 4-6
- (lxviii) Welding Engineer – Level: NTA 7-8
- (lxix) Mechanical Equipment Maintenance Technician – Level: NTA 4-6
- (lxx) Mechanical Equipment Maintenance Engineer – Level: NTA 7-8
- (lxxi) Mechanical Equipment Installation Technician – Level: NTA 4-6
- (lxxii) Mechatronics Technician – Level: NTA 4-6
- (lxxiii) Mechatronics Engineer – Level: NTA 7-8

- (lxxiv) Electrical Equipment Installation and Maintenance Technician – Level: NTA 4-6
- (lxxv) Electronic Equipment Assembly and Repair Technician – Level: NTA 4-6
- (lxxvi) Software Engineering Technician – Level: NTA 4-6
- (lxxvii) Software Engineer – Level: NTA 7-8
- (lxxviii) Big-Data Technician – Level: NTA 4-6
- (lxxix) Big-Data Engineer – Level: NTA 7-8
- (lxxx) Artificial Intelligence Technician – Level: NTA 4-6
- (lxxxi) Artificial Intelligence Engineer – Level: NTA 7-8
- (lxxxii) Mobile Application Development Technician – Level: NTA 4-6
- (lxxxiii) Mobile Application Development Engineer – Level: NTA 7-8
- (lxxxiv) Cyber Security Technician – Level: NTA 4-6
- (lxxxv) Cyber Security Engineer – Level: NTA 7-8
- (lxxxvi) Webcast Technician – Level: NTA 4-6
- (lxxxvii) Digital Media Technician – Level: NTA 4-6
- (lxxxviii) Film and Television Production Technician – Level: NTA 4-6
- (lxxxix) Cross-border E-Commerce Technician – Level: NTA 4-6
- (xc) Cross-border E-Commerce Engineer – Level: NTA 7-8
- (xci) Accounting – Level: NTA 4-6

5. Please feel free to propose and add more occupational standards in other sectors and areas to be developed to support TVET development in Tanzania under this Second Batch period based on the available support capacity from your office.

6. We are looking forward to cooperating with you on the development of Tanzania TVET Occupational Standards to enhance the development of TVET in Tanzania to ensure production of qualified graduates to feed the various sectors of the economy in the country.

Looking forward to your continued cooperation.

Yours Sincerely,



Dr. A.H. Makota

For: EXECUTIVE SECRETARY

Cc: China-Africa Vocational Education Alliance

China-Africa (Chongqing) Vocational Education Alliance

Belt and Road Alliance for Industry and Education Collaboration

Chinese Testing, Inspection and Certification Education Association

International Exchange and Cooperation Committee of the Shaanxi Society
of Technical and Vocational Education