

# **VOTE: 154 Uganda National Bureau of Standards (UNBS)**

## **I. VOTE MISSION STATEMENT**

To provide standards, measurements and conformity assessment services for improved quality of life.

## **II. STRATEGIC OBJECTIVE**

The Uganda National Bureau of Standards is currently implementing a 5-year Strategic Plan which is set to provide standards, measurements and conformity assessment services for improved quality of life for all by implementing the undermentioned 5 Strategic Objectives

1. Consolidating financial sustainability of the Bureau
2. Strengthening consumer protection and stakeholder satisfaction
3. Improve competitiveness of locally produced goods and services
4. Enhance the quality of service delivery to stakeholders
5. Strengthening human resource capacity and productivity

## **III. MAJOR ACHIEVEMENTS IN 2022/23**

The approved budget for UNBS for FY 2022-2023 is 41.280 Billion and by the end of the 2nd quarter 49.4 percent of the budget was released. During the same period NTR of 24.7 Billion equivalent to 112.7 percent of the half year release was collected

Product and System Certification-2428 certification permits were issued

National Metrology Laboratory-2717 industrial equipment calibrated. This has enabled large medium and small scale firms to effectively control manufacturing processes and meet certification requirements.

Product Testing-12856 product samples were tested during this period in the UNBS testing laboratories. The Chemistry lab received 6416 samples Electrical lab received 236 samples Microbiology lab received 4284 samples and Materials lab received 1920 samples.

Standards Development-272 National standards presented and approved by the National Standards Council.

Imports inspection-129137 import consignments were inspected during the period under review.

Market Surveillance-3462 market outlets were inspected. These included supermarkets, shops and distribution outlets, hardware shops, manufacturing premises and distribution vans or trucks.

Legal Metrology- 492,519 weighing equipment used in trade were verified. These includes weighing bridges, electricity meters, consumer goods, fuel dispensers, pressure gauges, bulk meters, dipsticks, road tankers, counter machines, weights, spring balance and platform scales.

Marketing and Public Relations-Conducted 20 stakeholder engagements and sensitization meetings with over 3000 stakeholders successfully engaged via zoom as well as physical meetings to communicate the benefits of quality or standards.

# VOTE: 154 Uganda National Bureau of Standards (UNBS)

## IV. MEDIUM TERM BUDGET ALLOCATIONS

Table 4.1: Overview of Vote Expenditure (Ushs Billion)

	2022/23		2023/24	MTEF Budget Projections				
	Approved Budget	Spent by End Dec	Budget Estimates	2024/25	2025/26	2026/27	2027/28	
<b>Recurrent</b>	Wage	23.856	11.892	23.856	25.048	27.553	30.309	33.340
	Non-Wage	12.833	6.575	27.535	28.744	34.497	42.374	48.769
<b>Devt.</b>	GoU	4.592	0.745	6.651	6.651	7.981	9.658	10.355
	Ext Fin.	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>GoU Total</b>		<b>41.280</b>	<b>19.212</b>	<b>58.042</b>	<b>60.443</b>	<b>70.031</b>	<b>82.341</b>	<b>92.463</b>
<b>Total GoU+Ext Fin (MTEF)</b>		<b>41.280</b>	<b>19.212</b>	<b>58.042</b>	<b>60.443</b>	<b>70.031</b>	<b>82.341</b>	<b>92.463</b>
<b>Arrears</b>		0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>Total Budget</b>		<b>41.280</b>	<b>19.212</b>	<b>58.042</b>	<b>60.443</b>	<b>70.031</b>	<b>82.341</b>	<b>92.463</b>
<b>Total Vote Budget Excluding Arrears</b>		<b>41.280</b>	<b>19.212</b>	<b>58.042</b>	<b>60.443</b>	<b>70.031</b>	<b>82.341</b>	<b>92.463</b>

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**Table 4.2: Budget Allocation by Department for Recurrent and Development (Ushs Billion)**

<i>Billion Uganda Shillings</i>	Draft Budget Estimates FY 2023/24	
	Recurrent	Development
<b>Programme:01 Agro-Industrialization</b>	<b>0.940</b>	<b>0.000</b>
<b>SubProgramme:04 Agricultural Market Access and Competitiveness</b>	<b>0.940</b>	<b>0.000</b>
<b>Sub SubProgramme:04 Standards and Measurement Systems' promotion</b>	<b>0.940</b>	<b>0.000</b>
001 Certification	0.940	0.000
<b>Programme:03 Sustainable Petroleum Development</b>	<b>0.900</b>	<b>0.000</b>
<b>SubProgramme:03 Downstream</b>	<b>0.900</b>	<b>0.000</b>
<b>Sub SubProgramme:03 Standards development</b>	<b>0.500</b>	<b>0.000</b>
001 Standards	0.500	0.000
<b>Sub SubProgramme:04 Standards and Measurement Systems promotion</b>	<b>0.400</b>	<b>0.000</b>
004 National Metrology Laboratory	0.400	0.000
<b>Programme:04 Manufacturing</b>	<b>0.088</b>	<b>0.000</b>
<b>SubProgramme:02 Trade Development</b>	<b>0.088</b>	<b>0.000</b>
<b>Sub SubProgramme:04 Standards and Measurement Systems' promotion</b>	<b>0.088</b>	<b>0.000</b>
002 Public relations and marketing	0.088	0.000
<b>Programme:07 Private Sector Development</b>	<b>46.113</b>	<b>5.051</b>
<b>SubProgramme:01 Enabling Environment</b>	<b>46.113</b>	<b>5.051</b>
<b>Sub SubProgramme:01 General Administration and Support Services</b>	<b>46.113</b>	<b>0.000</b>
001 Finance and Administration	10.394	0.000
002 Human resource	35.719	0.000
<b>Sub SubProgramme:04 Standards and Measurement Systems' promotion</b>	<b>0.000</b>	<b>5.051</b>
003 Finance and Administration	0.000	5.051
<b>Programme:08 Sustainable Energy Development</b>	<b>3.350</b>	<b>1.600</b>
<b>SubProgramme:03 Renewable Energy Development</b>	<b>1.250</b>	<b>1.600</b>
<b>Sub SubProgramme:03 Standards development</b>	<b>1.250</b>	<b>0.000</b>
001 Standards	1.250	0.000
<b>Sub SubProgramme:04 Standards and Measurement Systems promotion</b>	<b>0.000</b>	<b>1.600</b>
003 Finance and Administration	0.000	1.600

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<i>Billion Uganda Shillings</i>	Draft Budget Estimates FY 2023/24	
	Recurrent	Development
<b>Programme:08 Sustainable Energy Development</b>	<b>3.350</b>	<b>1.600</b>
<b>SubProgramme:04 Energy Efficiency</b>	<b>2.100</b>	<b>0.000</b>
<b>Sub SubProgramme:02 Standards and Measurements enforcement</b>	<b>0.500</b>	<b>0.000</b>
003 Market surveillance	0.500	0.000
<b>Sub SubProgramme:03 Standards development</b>	<b>0.600</b>	<b>0.000</b>
001 Standards	0.600	0.000
<b>Sub SubProgramme:04 Standards and Measurement Systems promotion</b>	<b>1.000</b>	<b>0.000</b>
005 Testing	1.000	0.000
<b>Total for the Vote</b>	<b>51.391</b>	<b>6.651</b>

# VOTE: 154 Uganda National Bureau of Standards (UNBS)

## V. PERFORMANCE INDICATORS AND PLANNED OUTPUTS

**Table 5.1: Performance Indicators**

**Programme: 01 Agro-Industrialization**

**SubProgramme: 04 Agricultural Market Access and Competitiveness**

**Sub SubProgramme: 04 Standards and Measurement Systems' promotion**

**Department: 001 Certification**

**Budget Output: 000037 Certification Services**

**PIAP Output: Certification permits for products and firms issued.**

**Programme Intervention: 010305 Strengthen enforcement and adherence to product quality requirements including; food safety, social and environmental standards, grades, etc.**

Indicator Name	Indicator Measure	Base Year	Base Level	2022/23		Performance Targets
				Target	Q2 Performance	2023/24
Number of certification permits issued	Number	2021-2022	6000			6000

**PIAP Output: Certification permits for products and firms issued.**

**Programme Intervention: 010305 Strengthen enforcement and adherence to product quality requirements including; food safety, social and environmental standards, grades, etc.**

Indicator Name	Indicator Measure	Base Year	Base Level	2022/23		Performance Targets
				Target	Q2 Performance	2023/24
Number of certification permits issued	Number	2021-2022	6000	6000	1221	6000

**Programme: 03 Sustainable Petroleum Development**

**SubProgramme: 03 Downstream**

**Sub SubProgramme: 03 Standards development**

**Department: 001 Standards**

**Budget Output: 000039 Policies, Regulations and Standards**

**PIAP Output: Value Addition and Marketing strategy for Goods and Services developed and implemented**

**Programme Intervention: 030501 Develop and implement a marketing and promotional strategy for oil and gas projects.**

**VOTE: 154 Uganda National Bureau of Standards (UNBS)****Sub SubProgramme: 03 Standards development****Department: 001 Standards****Budget Output: 000039 Policies, Regulations and Standards****PIAP Output: Value Addition and Marketing strategy for Goods and Services developed and implemented**

Indicator Name	Indicator Measure	Base Year	Base Level	2022/23		Performance Targets
				Target	Q2 Performance	2023/24
National supplier database upgraded to a Joint Qualification System (JQS) and E-market place	Number	2021-2022	0			1
progress of implementation (%)	Percentage	2021-2022	0			50%

**Sub SubProgramme: 04 Standards and Measurement Systems promotion****Department: 004 National Metrology Laboratory****Budget Output: 000039 Policies, Regulations and Standards****PIAP Output: Value Addition and Marketing strategy for Goods and Services developed and implemented****Programme Intervention: 030501 Develop and implement a marketing and promotional strategy for oil and gas projects.**

Indicator Name	Indicator Measure	Base Year	Base Level	2022/23		Performance Targets
				Target	Q2 Performance	2023/24
National supplier database upgraded to a Joint Qualification System (JQS) and E-market place	Number	2021-2022	0			1
progress of implementation (%)	Percentage	2021-2022	0			50%

**Programme: 04 Manufacturing****SubProgramme: 02 Trade Development****Sub SubProgramme: 04 Standards and Measurement Systems' promotion****Department: 002 Public relations and marketing****Budget Output: 100001 Sensitisation on Standardisation****PIAP Output: Enhanced quality of Ugandan manufactured products****Programme Intervention: 040206 Expand the range of manufacturing standards and enforce applicable regulations**

**VOTE: 154 Uganda National Bureau of Standards (UNBS)****Sub SubProgramme: 04 Standards and Measurement Systems' promotion****Department: 002 Public relations and marketing****Budget Output: 100001 Sensitisation on Standardisation****PIAP Output: Enhanced quality of Ugandan manufactured products**

Indicator Name	Indicator Measure	Base Year	Base Level	2022/23		Performance Targets
				Target	Q2 Performance	2023/24
Number of studies conducted	Number	2021-2022	0			2
Number of manufacturers sensitized	Number	2021-2022	300			1000
Number of stakeholders engaged	Number	2021-2022	500000	10000000	1558	500000

**Programme: 07 Private Sector Development****SubProgramme: 01 Enabling Environment****Sub SubProgramme: 01 General Administration and Support Services****Department: 001 Finance and Administration****Budget Output: 000014 Administrative and Support Services****PIAP Output: Institutional and policy frameworks for investment and trade harmonized****Programme Intervention: 070205 Rationalize and harmonize standards institutions, and policies at local and regional level;**

Indicator Name	Indicator Measure	Base Year	Base Level	2022/23		Performance Targets
				Target	Q2 Performance	2023/24
Number of items procured	Number	2021-2022	120	1500	131	150
Number of market outlets inspected	Number	2021-2022	8000			9000
Number of staff administered	Number	2021-2022	444			500
Number of standards developed	Number	2021-2022	600			600
Unqualified audited accounts	Text	2021-2022	Yes	Yes	Yes	Yes

**Department: 002 Human resource****Budget Output: 000005 Human Resource Management****PIAP Output: Institutional and policy frameworks for investment and trade harmonized****Programme Intervention: 070205 Rationalize and harmonize standards institutions, and policies at local and regional level;**

**VOTE: 154 Uganda National Bureau of Standards (UNBS)****Sub SubProgramme: 01 General Administration and Support Services****Department: 002 Human resource****Budget Output: 000005 Human Resource Management****PIAP Output: Institutional and policy frameworks for investment and trade harmonized**

Indicator Name	Indicator Measure	Base Year	Base Level	2022/23		Performance Targets
				Target	Q2 Performance	2023/24
Number of items procured	Number	2021-2022	120			150
Number of market outlets inspected	Number	2021-2022	8000			9000
Number of square meters constructed	Number	2021-2022	100			100
Number of staff administered	Number	2021-2022	444	500	500	500
Number of standards developed	Number	2021-2022	600			600
Unqualified audited accounts	Text	2021-2022	Yes			Yes

**Sub SubProgramme: 04 Standards and Measurement Systems' promotion****Project: 1675 Retooling of Uganda National Bureau of Standards****Budget Output: 000002 Construction Management****PIAP Output: Institutional and policy frameworks for investment and trade harmonized****Programme Intervention: 070205 Rationalize and harmonize standards institutions, and policies at local and regional level;**

Indicator Name	Indicator Measure	Base Year	Base Level	2022/23		Performance Targets
				Target	Q2 Performance	2023/24
Number of square meters constructed	Number	2021-2022	NIL			100

**Budget Output: 000003 Facilities and Equipment Management****PIAP Output: Institutional and policy frameworks for investment and trade harmonized****Programme Intervention: 070205 Rationalize and harmonize standards institutions, and policies at local and regional level;**

Indicator Name	Indicator Measure	Base Year	Base Level	2022/23		Performance Targets
				Target	Q2 Performance	2023/24
Number of items procured	Number	2021-2022	150	9358	131	120

**Programme: 08 Sustainable Energy Development****SubProgramme: 03 Renewable Energy Development**



**VOTE: 154 Uganda National Bureau of Standards (UNBS)****Sub SubProgramme: 03 Standards development****Department: 001 Standards****Budget Output: 240010 Renewable Energy Technology Development****PIAP Output: Net metering framework developed****Programme Intervention: 080204 Develop a framework for net metering**

Indicator Name	Indicator Measure	Base Year	Base Level	2022/23		Performance Targets
				Target	Q2 Performance	2023/24
A framework for net metering in place	Number	2021-2022	0			1
Regulations for net metering in place	Number	2021-2022	0			1

**Sub SubProgramme: 04 Standards and Measurement Systems promotion****Project: 1675 Retooling of Uganda National Bureau of Standards****Budget Output: 240010 Renewable Energy Technology Development****PIAP Output: Technical capacity in renewable energy solutions built****Programme Intervention: 080202 Build local technical capacity in renewable energy solutions**

Indicator Name	Indicator Measure	Base Year	Base Level	2022/23		Performance Targets
				Target	Q2 Performance	2023/24
Number of laboratories established	Number	2021-2022	1			1

**SubProgramme: 04 Energy Efficiency****Sub SubProgramme: 02 Standards and Measurements enforcement****Department: 003 Market surveillance****Budget Output: 000039 Policies, Regulations and Standards****PIAP Output: Energy Management Standards integrated****Programme Intervention: 080401 Introduce Minimum Performance Standards for selected electrical appliances.**

Indicator Name	Indicator Measure	Base Year	Base Level	2022/23		Performance Targets
				Target	Q2 Performance	2023/24
No. of Minimum performance Standards for critical electrical appliances in place	Number	2021-2022	15			50

**VOTE: 154 Uganda National Bureau of Standards (UNBS)****Sub SubProgramme: 03 Standards development****Department: 001 Standards****Budget Output: 000039 Policies, Regulations and Standards****PIAP Output: Energy Management Standards integrated****Programme Intervention: 080401 Introduce Minimum Performance Standards for selected electrical appliances.**

Indicator Name	Indicator Measure	Base Year	Base Level	2022/23		Performance Targets
				Target	Q2 Performance	2023/24
No. of Minimum performance Standards for critical electrical appliances in place	Number	2021-2022	35			100

**Sub SubProgramme: 04 Standards and Measurement Systems promotion****Department: 005 Testing****Budget Output: 000039 Policies, Regulations and Standards****PIAP Output: Energy Management Standards integrated****Programme Intervention: 080401 Introduce Minimum Performance Standards for selected electrical appliances.**

Indicator Name	Indicator Measure	Base Year	Base Level	2022/23		Performance Targets
				Target	Q2 Performance	2023/24
No. of Minimum performance Standards for critical electrical appliances in place	Number	2021-2022	15			50

# VOTE: 154 Uganda National Bureau of Standards (UNBS)

## VI. VOTE NARRATIVE

### Vote Challenges

1. Obsolete law. The UNBS Act and Legal Metrology Act are being reviewed and the process needs to be fast-tracked and thereafter enable UNBS to confront the existing and emerging standardization challenges.
2. Inadequate Staff. The bureau is operating with few staff of 478 against a target of 1221 which is below the minimum required level to implement the mandate of trade facilitation, consumer protection through boarder control and standards enforcement throughout the whole country.
3. Limited Support to MSMES in line with BUBU and Industrialization Policy. The service turnaround time and cost of certification is perceived unfavourable calling for more sensitization and capacity building to improve uptake of standardization services and competitiveness of the private sector.
4. Limited equipment for newly constructed laboratories. UNBS operates modern Food Safety laboratories at its Headquarters in Bweyogerere that are equipped to the tune of 60 percent. UNBS is also constructing National Metrology Laboratory under the ADB funding. There is need to procure furniture and specialized equipment.
5. Inadequate ICT Infrastructure Support. The level of automation at UNBS meant to promote online access to its services is at 40 percent which still inadequate.
6. Shortage of field vehicles. Currently 32 percent of UNBS fleet have crossed the 200000 km mileage mark. The cost of repairing an old motor vehicle is higher than its assessed value hence purchase of new motor vehicles is inevitable.
7. Inadequate decentralization of UNBS Services. UNBS services at regional offices are still insufficient due to understaffing and shortage of field vehicles for daily operations in the regions. Certification and market surveillance activities go hand in hand with testing and there are inadequate laboratories in the regions for testing of product samples.

### Plans to improve Vote Performance

1. Recruitment of additional staff to enable the institution reach the optimal level of 1200 staff.
2. Sensitization, awareness campaigns and stakeholder engagements aimed at quality culture and changing public perception towards standardization hence increasing compliance.
3. Procurement of additional specialized equipment for testing of additional samples arising from increased demand for testing as a result of enforcement of Distinctive mark regulation. The equipment is also needed to test imports that contribute to the level of substandard goods on the market.
4. There is need to scale up the market surveillance operations to rid the market of substandard goods whose prevalence is still high. This calls for recruitment of additional staff and purchasing of additional field vehicles.
5. Automation requires continuous investment in ICT Hardware and Software and this requires additional funding.
6. There is need to replace the ageing fleet to reduce on the costs of repairs as well as purchasing additional vehicles to facilitate the field activities.
7. There is need to scale up UNBS services namely market surveillance, product certification, product testing, calibration, verification and imports inspection in the regions by building and equipping testing laboratories, recruiting additional staff and purchasing additional field vehicles.

## VII. Off Budget Support and NTR Projections

### Table 7.1: Off Budget Support by Project and Department

N/A

**VOTE:** 154 Uganda National Bureau of Standards (UNBS)

**VOTE: 154 Uganda National Bureau of Standards (UNBS)****Table 7.2: NTR Collections (Uganda Shillings Billions)**

<b>Revenue Code</b>	<b>Revenue Name</b>	<b>FY2022/23</b>	<b>Projection FY2023/24</b>
142154	Sale of publications-From Government Units	0.179	0.260
142216	Inspection Fees	46.071	78.491
144149	Miscellaneous receipts/income	0.084	0.425
<b>Total</b>		<b>46.334</b>	<b>79.176</b>

# VOTE: 154 Uganda National Bureau of Standards (UNBS)

## VIII. VOTE CROSS CUTTING POLICY AND OTHER BUDGETARY ISSUES

Table 8.1: Cross- Cutting Policy Issues

### i) Gender and Equity

<b>OBJECTIVE</b>	To ensure mainstreaming gender and equity in planning and budgeting
<b>Issue of Concern</b>	Ensuring Mainstreaming of gender and equity in planning and budgeting to ensure a conducive environment regardless of gender
<b>Planned Interventions</b>	Certification of products for enterprises owned by both men and women in all the regions of the country Verification of equipment used in trade in all the regions of the country Market surveillance to get rid of substandard products in all the regions
<b>Budget Allocation (Billion)</b>	0.050
<b>Performance Indicators</b>	Number of products and systems certified per region Number of equipment verified per region Number of market outlets inspected per region

### ii) HIV/AIDS

<b>OBJECTIVE</b>	To create a stigma free and conducive work environment for the affected and infected staff of the Bureau
<b>Issue of Concern</b>	HIV/AIDS stigma that makes those who are sick fear to test and even reveal their status
<b>Planned Interventions</b>	1)Direct involvement of the Human Resource Department in awareness creation and counselling 2)Medical camp to provide free HIV awareness creation, testing and counselling services to all staff 3)Operationalize non discriminatory recruitment policy
<b>Budget Allocation (Billion)</b>	0.020
<b>Performance Indicators</b>	Number of medical camps held Number of staff tested and counselled Non discriminatory recruitment policy operationalized

### iii) Environment

<b>OBJECTIVE</b>	To create awareness on the importance of a clean and green environment among the stakeholders (staff and clients)
<b>Issue of Concern</b>	Implementation of environmental management system
<b>Planned Interventions</b>	Certification of companies in environmental management system
<b>Budget Allocation (Billion)</b>	0.050
<b>Performance Indicators</b>	Number of companies certified in environmental management system

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**VOTE: 154 Uganda National Bureau of Standards (UNBS)****iv) Covid**

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<b>OBJECTIVE</b>	To encourage implementation of Covid-19 SOPs to enable business continuity in the event of an outbreak
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<b>Issue of Concern</b>	Implementation of the Covid-19 SOPs to ensure business continuity
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<b>Planned Interventions</b>	Purchase of sanitizer Purchase of face masks Purchase of temperature guns Sensitization and awareness campaigns on Covid-19
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<b>Budget Allocation (Billion)</b>	0.020
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<b>Performance Indicators</b>	Number of SOPs implemented
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### **IX. PERSONNEL INFORMATION**

**Table 9.1: Staff Establishment Analysis**

<b>Title</b>	<b>Salary Scale</b>	<b>Number of Approved Positions</b>	<b>Number of filled Positions</b>
Office Assistant	UNBS7	38	15
Senior Human resource Officer	UNBS5	1	0
Senior ICT officer	UNBS5	3	1
Senior Procurement officer	UNBS5	2	1
Senior Public relations Officer	UNBS5	3	1
Standards officer	UNBS 6	382	298



**VOTE: 154 Uganda National Bureau of Standards (UNBS)****Table 9.2: Staff Recruitment Plan**

Post Title	Salary Scale	No. Of Approved Posts	No. Of Filled Posts	No. Of Vacant Posts	No. Of Posts Cleared for Filling FY2023/24	Gross Salary Per Month (UGX)	Total Annual Salary (UGX)
Office Assistant	UNBS7	38	15	23	5	2,500,000	150,000,000
Senior Human resource Officer	UNBS5	1	0	1	1	5,000,000	60,000,000
Senior ICT officer	UNBS5	3	1	2	1	5,000,000	60,000,000
Senior Procurement officer	UNBS5	2	1	1	1	5,000,000	60,000,000
Senior Public relations Officer	UNBS5	3	1	2	1	5,000,000	60,000,000
Standards officer	UNBS 6	382	298	84	4	3,500,000	168,000,000
<b>Total</b>					<b>13</b>	<b>26,000,000</b>	<b>558,000,000</b>