

Viwango

E-Newsletter



ISSUE NO: 017 JULY - SEPTEMBER 2020

TBS, The Home of Standards



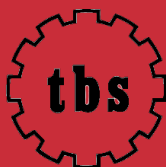
TBS Director of Standards Development Mr David Ndibalema (right) issues a TBS Standards Mark Licence to a manufacturer during a grant of licence ceremony held at the TBS Headquarters in Dar es Salaam. Looking on are the Manager of Research and Training Mr Hamis Sudi (centre) and the Testing and Calibration Manager Mr Joseph Makene.

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With TBS help, the future looks bright for edible oil dealers

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A comprehensive programme launched in the central zone regions of Dodoma, Singida and Tabora by the Tanzania Bureau of Standards (TBS) to train more than 1,700 edible oil producers, distributors and sellers is a noble undertaking which deserves credit and commendation.

The country's edible oil industry is highly in need of investors to fill the supply gap that currently stands at 320,000 tonnes so as to slash the import bill. The country's annual demand for edible oil is 500,000 tonnes and annual supply is 180,000 tonnes leaving the country with no choice but to import the remaining 320,000 tonnes, according to figures from the 2018 UNIDO study on production of edible oil in Tanzania.

The demand forecast shows an increase from 500,000 tonnes to 700,000 tonnes of edible oil by 2030 and Tanzania guarantees the market growth for investors in the foreseeable future.

Major sources of edible oil in Tanzania include sunflower, palm, groundnuts, sesame, soya beans and cotton. Oilseeds are produced in almost all regions in the country while the major crop for edible oil production is the sunflower because it can be grown in most parts of the country as it is drought resistant, less susceptible to diseases and cheaper to cultivate compared to

other oilseeds crops.

The low performance in this subsector is driven by a number of constraints such as poor farming practices, inadequate extension services, poor access to finance, depressed farm gate prices of sunflower products, inadequate processing facilities, threat from imported edible oil and inadequate technology.

To address some of these challenges, TBS has come up with a training programme on capacity building to more than 1,700 edible oil producers on improving production, processing, packaging and storage services, and strengthening marketing infrastructure for sunflower products.

With an annual output of around 350,000 tonnes of sunflower oilseeds, corresponding to about 90,000 tonnes of oil, Tanzania is one of the top ten sunflower oilseed producers in the world.

Sunflowers are grown all over the country, mostly by small-scale farmers. Therefore the development of the sunflower oil sector has a great potential for improving livelihoods and the welfare of relatively poorer households

Tanzania's central zone regions of Dodoma and Singida are major producers, accounting for over 20 per cent of national production. About half of the farmers in these regions are engaged in sunflower

With TBS help, the future looks bright for edible oil dealers

oil production, but few small-scale producers have realized the full potential of this sector, either in terms of improved quality or higher volumes.

Among the factors contributing to low productivity and quality are inadequate machinery and limited or no access to value-added services and markets.

The UN Industrial Development Organisation (UNIDO), in collaboration with the Ministry of Industry and Trade has been working to upgrade and modernize the country's agro-industry and improve the competitiveness of locally-processed goods, including sunflower oil, on national and international markets.

A team consisting of UNIDO international experts and trained national consultants from regulatory authorities including TBS have provided enterprises with diagnostic services and assistance with implementing upgrading plans.

Micro and small-scale oil producers in Dodoma, for example, were advised to form a cluster, invest in common facilities to store, clean and refine sunflower seeds, and to take joint marketing actions in order to enhance the productivity and competitiveness of their businesses.

The project has also enabled producers to access affordable technology for sunflower oil refining. UNIDO has teamed up with the country's Vocational Education Training Authority (VETA) to help small businesses acquire modern machinery for refining and processing products. This has helped increase the competitiveness of the products and lead to a rise in incomes.

TBS officials who have been conducting training to edible oil producers, distributors and sellers in the central zone say that the farmers who have been using the now available technology to process their

sunflower oil admit that the new machinery has helped them produce more refined oil, and as a result, their customers are happier and their products now have a chance to compete on a broader market.

With the technical services provided by UNIDO, these small businesses have more capacity for production and storage, and better market access.

The Dodoma Sunflower Oil cluster, for example, is a model for developing oil and other crop processing clusters for SMEs, and this is being emulated in other sectors.

The TBS initiated training programme to edible oil producers, processors, distributors and sellers will help strengthen their enterprises and better manage business by reducing resource losses during the processing process and, thus, generating savings.

A trained edible oil producer thanks TBS, saying "the training programme has given us a lot. The experts showed us where we were going wrong, and by correcting mistakes we moved forward. The future looks very bright for us now."

Indeed, all small producers face the same challenges, be it in the area of value addition, technology, skills, or marketing. The industrial upgrading and modernization project implemented in the country has demonstrated that SMEs can overcome most of their challenges if provided with technical assistance, management knowledge and business linkage. This is the role which TBS has executed judiciously. Kudos!

"To beat your competition, make quality your mission"

Manufacturers urged to be ambassadors of Standards



By Deborah Haule

Manufacturers have been urged to be ambassadors by adhering to standards during production to enable the country attain its industrialisation target.

TBS Director of Standards Development Mr David Ndibalema made the call recently during a grant of licences and certificates ceremony held at the TBS headquarters whereas a total of 167 licences and certificates were issued to manufacturers. Out of the issued 167 licences and certificates, 74 licences were issued to Micro, Small and Medium Entrepreneurs (MSMEs).

Mr Ndibalema who was representing the TBS Director General, said that for the manufacturers to access the local and international markets they have to make sure that they acquire the required licences and keep in producing quality products as according to the requirements of the respective product's standard.

However, apart from licences and certificates, Mr Ndibalema asserted that manufacturers have also to maintain integrity during production process as it was the only way to win the war

against the production of substandard products.

“Integrity is very important, do not compromise with the Standards Mark of Quality or licences which you have been offered today, use them properly as one of your important tools to take your businesses beyond our borders,” He insisted.

He noted that it was the Government’s desire to empower and uplift MSMEs in the country that is why through the Small Industries Development Organisation (SIDO) an MSMEs can certify their products at TBS for free.

On the other hand, He emphasized that the obligation of supervising the quality of food and cosmetic was officially shifted to TBS, thus, no business person is allowed to conduct food or cosmetic business in the market or premises without TBS approval.

During the period of April to June this year, TBS had already registered 1 812 business premises (food/cosmetic) and 445 food and cosmetic products, he said.

On behalf of other manufacturers, Eng. Aswile Simon from G and Company praised TBS for MSMEs and urged the standards watchdog to enhance communication with its clients.

“Quality is remembered long after the price is forgotten. Always use TBS-certified products”

TBS reaches over 1 700 edible oil dealers

By Gladness Kaseka

The Tanzania Bureau of Standards (TBS) has trained over 1 700 producers, distributors and sellers of edible oil in the central zone regions.

The training focused among other issues on process technology, right preservation, proper packaging and marking and labelling of the packages.

The two-week training that started from September 21st to October 1st this year was conducted in Mkalama, Kiomboi, Sikonge, Urambo, Shelui, Tabora Municipality and Nzega.

Other areas covered were Igunga, Singida Municipality, Kondoa Irangi, Kongwa, Mpwapwa, Kibaigwa, Chamwino, Itigi, Manyoni, Dodoma City and Bahi.

TBS conducted the training programme in collaboration with the Ministry of Industry and Trade and Small Industries Development Organisation (SIDO).

The training drew resource persons from the Ministry of Industry and Trade, TBS and SIDO as well as trade, health and development officers from respective districts or

municipalities.

TBS Director of Quality Management Mr Lazaro Msasalaga said the training aimed at providing awareness to stakeholders on the various opportunities offered by the Government in order to improve the quality of their products to meet the requirements of standards that would ultimately help them to expand domestic and foreign markets.

Mr Msasalaga advised traders to abide by the rules and regulations guiding production and quality and safe conservation to avoid losing markets as well as facing penalties related to the production of substandard goods.

"I urge you to make regular contact with TBS offices in order to get the right technical advise with regards to the whole value production chain of edible oil," he noted.

On his part, TBS Research and Training Manager Mr Hamisi Sudi said the training to stakeholders in edible oil industry will be conducted countrywide and to begin with the central zone regions of Dodoma, Singida and Tabora have been reached. "This is just the beginning of

the training programmes, TBS is planning to reach all stakeholders from the grass

roots. After covering the central regions, Southern Highlands Zone regions and other parts of the country will be reached soon," he revealed.

Acting Head of TBS Central Zone office Ms Salome Emmanuel emphasized on the need for entrepreneurs to use the unique opportunity of acquiring the TBS Standards Mark of Quality by sending their applications freely through the Small Industries Development Organization (SIDO). She said by doing so, the Government can recognize small scale producers of edible oil because they fall under the category that their products must bear the TBS Standards Mark of Quality.

The training was conducted in some organized places that brought together stakeholders from the edible oil industry but also TBS took initiative to reach others in their places of business or production such as Pandambili (Kongwa), Singida main market, Pahi Division (Kondoa), Majengo market (Dodoma city) and Mitundu (Itigi).

"TBS, The Home Of Standards"



Acting Head of TBS Central Zone Ms Salome Emmanuel (right) speaks to edible oil traders in Dodoma as part of a two-week training to producers, distributors and sellers of edible oil in the central zone regions.

Others are Nzega main market, Tabora main market and all sellers in the road sides in Shelui district.

Ms Emmanuel said the objective of reaching stakeholders was to impart education and provide awareness on the side effects of displaying edible oil under sunlight, heat and air that may cause health problems to consumers.

Ms Emmanuel said the objective of reaching stakeholders was to impart education and provide awareness on the side effects of displaying edible oil under sunlight, heat and air that may cause health problems to consumers.

Stakeholders were educated on how to improve the preservation environment of edible oil as well as the importance of putting correct information on the packaging materials.

Edible oil producer Mr Daud Makala and edible oil seller Ms Eunice Maneno both from Dodoma who participated in the training applauded TBS for the efforts in helping stakeholders in various sectors particularly in the edible oil. They agreed that the knowledge they have acquired shall help them improve their production by meeting the requirements of standards.

They however urged TBS to ensure that they conduct trainings alongside inspections in the markets in order to make sure that the knowledge reach more people in the society. Apart from providing knowledge on issues related to quality control on edible oil, TBS used the platform to inform the stakeholders on the roles of the standard body including those assumed from the former Food and Drugs Authority (TFDA).

“When you buy a product always look for the TBS mark which assures you of quality, reliability and safety”

TBS to register business premises at Nane Nane

By Gladness Kaseka

Tanzania Bureau of Standards (TBS) Director General Dr Athuman Ngenya has said that the Bureau through its zonal offices will be participating in Nane Nane exhibitions every year to take registration services closer to business people.

The TBS Boss revealed the strategy while speaking to reporters during his tour to the Nane Nane exhibitions in Arusha.

He said that apart from the normal services of creating awareness on various TBS services, currently the standards watchdog will go

some extra miles by offering registration services at its pavilions during Nane Nane exhibitions in all regions.

According to Dr Ngenya, for the first time in this year's Nane Nane exhibitions, TBS offered premise registration services to at least six and initiated process of certification to three companies.

"TBS is one of the key stakeholders in the annual agricultural event particularly in providing farmers, livestock keepers and fishers with knowledge on how to add value to their products by producing goods that meet local and

international standards...this will boost consumer confidence in buying and using the products," he insisted.

He used the platform to urge owners of hotels, restaurants, food warehouses, food and cosmetic shops as well as supermarkets to make efficient use of the exhibitions in the their regions to register their businesses.

Through its zoneal offices, this year TBS participated in the Nane Nane exhibitions in five regions of Arusha, Lindi, Simiyu, Mbeya and Dodoma.

TBS sets over 100 standards for mining

By Roida Andusamile

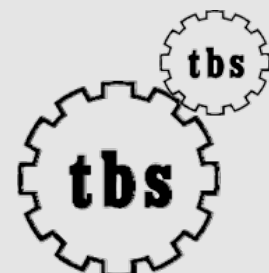
The Tanzania Bureau of Standards (TBS) has developed more than 100 mining standards to be used for safeguarding the mining sector in the country. The standards cover goods and services involving exploration, extraction and processing of minerals.

Speaking recently in the third Minerals and Technology Exhibition in Geita, TBS

Magidanga said as the expansion of the mining sector has contributed to higher economic growth and increased exports and capital inflows in Tanzania, TBS has created standards that will ensure safety in the sector.

According to Ms Magidanga, the formulated standards cut across to both large and small scale miners while adding that

of those standards is to make sure that mining activities in the country are conducted in safe environment.





The Permanent Secretary Ministry of Industry and Trade Prof Riziki Shemdoe (left) listens to the Acting Head of TBS Lake Zone Mr Evarist Mrema during the third Minerals and Technology Exhibition held in Geita region.

"Exclusively, TBS has the role to undertake measures for quality control of products of all descriptions and to promote standardization in industry and commerce countrywide. That's why we developed these standards to control quality in mining and minerals sector," Ms Magidanga clarified.

She added that "We are proud to say that through the TBS Mining Divisional Standards Committee responsible to develop standards in terminologies, sampling methods, test methods, code of practices, classifications and specifications for goods and services involved in minerals exploration, extraction and processing we have managed to formulate more than 100

mining standards. ...Standards such as guidelines on the establishment, use and management of refugee chambers and classification of mine accidents ensure safety of personnel during mining activities".

Ms Magidanga pointed out that the Divisional Standards Committee oversees the activities of nine Technical Committees formulating standards in mining and minerals sector.

She pointed out the areas that the standards will control including exploration, mine planning, operations and services, solid mineral fuels and related products, mining and earth moving equipment.

Others are advanced automated mining systems, ores and concentrates, Jewellery, lapidary, gemstones and precious metals, rare earth elements and minerals processing and equipment.

However, she mentioned some of the projects which were still under development as standards for mine closure and reclamation management and grading polished and cut Tanzanite. She called upon all interested stakeholders to air out their comments during the formulation of those standards.

"Always use TBS-certified products"



The Permanent Secretary Ministry of Industry and Trade Prof Riziki Shemdoe (right) speaks to the Acting Head of TBS Lake Zone Mr Evarist Mrema (left) at the TBS pavilion during the 2020 East African Business Exhibition held in Mwanza

TBS told to prepare database for uncertified products

By Staff Reporter

The Government has directed the Tanzania Bureau of Standards (TBS) to prepare a database for all uncertified products in the country.

Permanent Secretary in the Ministry of Industry and Trade, Prof Riziki Shemdoe gave the directive recently during the 2020 East African Business Exhibition held in Mwanza.

"I appeal to you to establish a database and collect samples of uncertified products... the database will help establish challenges facing producers in the country," said Prof Mdoe.

Speaking on the same event, Mwanza Regional Administrative Secretary, Emmanuel Tutuba asked TBS to continue providing public awareness to small scale entrepreneurs on acquiring the Standards Mark of Quality at their places of business.

"I urge you to continue reaching entrepreneurs in their areas to provide them awareness on the TBS Standards Mark of Quality and other services," he said.

For his part Acting Head of TBS Lake Zone office Mr Evarist Mrema said TBS is one of the main stakeholders of the 2020 East African Business Exhibition since the Standards watchdog is an important institution in the growth of industries by ensuring production of quality goods and services hence increase consumer confidence and competition in the market.

"Products with the TBS quality assurance can easily penetrate local, regional and global markets due to high consumer confidence," he highlighted.

He also called on business people to use exhibitions to register business premises, restaurants, warehouses, food and cosmetic

shops as well as supermarkets.

Mr Mrema said so far, TBS in the Lake Zone had received over 2,000 applications for registration of business premises as well as food and cosmetics.

TBS Senior Marketing Officer Ms Gladness Kaseka emphasized on the need for entrepreneurs to follow procedures in registering and getting quality assurance of their goods as required by the Standards Act Number 2 of 2009.

She said the services are provided through the TBS Online Application System (<https://oas.tbs.go.tz>) available in the TBS website, www.tbs.go.tz.

TBS started to provide online services during the Nane Nane agriculture fair held at national level in Simiyu Region.

VC urges Govt bodies to meet clientele

By Deborah Haule

Vice President Her Excellency Samia Suluhu Hassan has urged Government and private institutions to allocate time and expertise in making sure that they meet with manufacturers/business owners and solve their problems.

The Vice President made the remarks recently while opening Nane Nane Exhibitions at Nyakabindi grounds in Simiyu region.

“Every Ministry, Government and Private Institutions should make sure that they use this exhibition to meet with stakeholders of their respective sector and come up with solutions to their challenges especially in accessing

markets, capital, areas for investments and storage facilities. Information departments should make sure they inform and invite the general public to come and acquire knowledge,” she said.

During the exhibition TBS Inspector Mr Nelson Mugema made a call to all dealers of the regulated products and premises for food and cosmetics to come and register their premises.

Mr Mugema said according to the Standard Act, Number 2 of 2009 amended by the Finance Act of 2019, premises and product registration are legal requirements that must be fulfilled by all those engaging in the business of food and

cosmetics in the country.

“Apart from registration we also use this opportunity to provide education on how to store their produce especially on how to control aflatoxin in food such as groundnuts and maize and how to get various TBS services” he said.

For years, TBS has been participating in Nane Nane Exhibitions as a platform to educate entrepreneurs and the public at large on issues of standardization and quality assurance including the importance of certifying products and consuming quality products.



Vice President Her Excellency Samia Suluhu Hassan (right) listens to TBS officer Mr Arnold Kubingwa at the TBS pavilion during Nane Nane Exhibitions held at Nyakabindi grounds in Simiyu region.

TBS on special move to inspire SMEs towards industrialization

By Mussa Luhombero

Tanga Regional Administrative Secretary Ms Judica Omary has revealed that various trainings conducted by TBS on the registration of business premises as well as food and cosmetics products is a clear proof that the Government is firm on building a strong industrial economy.

She made the remarks while opening a seminar to Small and Medium Entrepreneurs organized by TBS with the aim of imparting knowledge on premise registration to traders in Tanga region.

She further said that the seminar has come at the right

time for which the Government is on the Industrial Economy Agenda that will result in the creation of more jobs and goods to be sold at domestic, regional or global markets. According to her, such kind of trainings is the best way to enhance production particularly in the industrial sector and agricultural sector.

For his part TBS Director General Dr. Athumani Ngenya elaborated that TBS is the Government Institution established purposely for trade facilitation in the country while insisting entrepreneurs to register their premises. He was certain that the training would enlighten entrepreneurs in

Tanga on the production that meets the requirements of the respective standards as participants were advised to openly discuss their challenges related to access of TBS services.

The Tanzania Bureau of Standards (TBS) embarked on a special programmes including seminars and trainings to encourage and educate Small and Medium Entrepreneurs (SMEs) on the registration of food and cosmetic premises in the country.

“Misuse of TBS quality mark is a criminal offence punishable under the Standards Act No. 2 of 2009”

Understanding the basic levels of quality



By Amina Yasini

Senior Quality Assurance Officer

Quality is defined in different ways based on the way it is being applied. So, to have quality make sense, it must be operationally defined along with the limits of performance that define the boundaries between acceptability of goodness and the unacceptability of badness. Quality must begin with the customer and the set of quality characteristics upon which the customer will make their future assessments regarding the relative “goodness” or “badness” of the product or service being assessed. The first level is Quality Assurance (QA) whose job is to assure that the performance of the product or service never reaches an unacceptable quality.

Quality Assurance (QA) is the set of administrative and procedural activities that are implemented within a quality system to provide confidence to customers that the agreed

upon minimum performance level of quality requirements is being consistently met and that the goals for quality performance will be achieved. QA activities take the form of inspection and testing, documentation and record management, evaluating outcomes to assess conformance to standards and compliance to the product requirements. QA develops a systematic approach that is evidence-based to guarantee that right-the-first-time performance is achieved and that feedback loops with corrective action is pursued whenever there are observed non-conformities in raw materials, components and sub-assemblies, services related to production, production and inspection processes, as well as delivery and installation of products and services to customers. QA is the foundation upon which a Quality Management System (QMS) must be built.



The second level is called Quality Control (QC) and it is such a strong supplement to Quality Assurance (QA) activities that the two are typically combined as QA/QC. While QA is aimed at preventing loss of capability below the minimum level, QC is directed towards assuring the consistency of performance at a targeted level of performance which has been specified in the process control plan.

QC implements process behavior charts (example, statistical process control charts), applies corrective action (CA) whenever performance limits identified on QC plans are threatened, and takes preventive action (PA) to assure that these detected “fires” are extinguished permanently in the product, service, or process where the deviation was detected. Combining a mastery of QA and consistent performance within the band of QC should lead an organization to an ability to obtain certification to ISO 9001:2015.

However, customer performance requirements do not stay fixed for a long time, so it is important to add another ingredient to these two capabilities – the ability to improve the performance over time.

Quality Improvement (QI) extends performance beyond QC and eliminates risks that inhibit getting better results. QI elevates process performance to the highest level of stable design capability that is achievable using the resources invested in the process or by extending these resources through investment. QI is an essential activity to develop and maintain market success as there are two trends which must be managed at the same time: customers tend to want higher performance while processes tend to degrade over time producing a natural decline in process capability. To reach higher levels of improvement typically requires additional resources and more complex planning.

Quality Planning (QP) develops plans for improving the performance of work to increase the quality, efficiency, and cost-effectiveness of productive work. There are two ways to plan how quality improvement is accomplished: improving the quality of the daily work processes and the products and services that they deliver to customers using incremental improvement activities and improving quality using breakthrough improvement activities. Quality Planning (QP) operates at

various process levels within an organization. QP must be integrated with QA/QC and QI in an environment of inspirational leadership that actively engages workers in an effective quality culture applying teamwork to achieve harmony within the organization to thereby accomplish its shared goals to obtain mutual success.

Quality management is the process of identifying and administering the activities need to achieve the quality objectives of an organization. It oversees all acts and tasks that are needed to maintain the desired level of excellence in the deliverables to customers and the processes by which these deliverables are prepared. This oversight includes determining a quality policy, creating and implementing the core elements of a quality system: QA, QC, QI and QP activities. These actions assure product quality achieves requirements of specifications and that process quality yields stable production, so operations are managed consistently within acceptable boundary conditions. In doing this quality management focuses on achieving long-term goals by implementing short-term improvement initiatives.

Tanzania Bureau of Standards amongst other main functions, has the mandate to improve the quality of industrial products both for export and local consumptions through various certification schemes. The Bureau is responsible for promoting quality assurance services in industry and commerce through training of personnel in Quality Assurance and Management Systems as well as Quality Improvement.

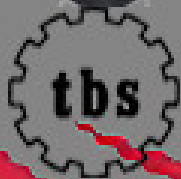
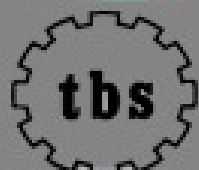
However, TBS Management System Certification Section (MSCS) independently audits, and provides certification to clients for their Quality Management Systems operating against the requirements of the internationally recognized Quality Management System Standards.

In order for a companies to have a better chance of meeting quality standards with fewer losses (funds, resources, time, etc.) must ensure quality management systems are used as tools to manage quality standards. To be competitive in the business, an organization must develop ways of ensuring that customers are satisfied with the quality of products and services and the organization would have to maintain quality regardless of their size and difficulties of the process in implementing ISO certification.



“Successful businesses understand the value of an effective Quality Management System that ensures the organization is focused on meeting customer requirements and they are satisfied with the products and services that they receive.”





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