

Annual Report

2018-2019



Bangladesh Standards and Testing Institution (BSTI)
Ministry of Industries
Government of the People's Republic of Bangladesh



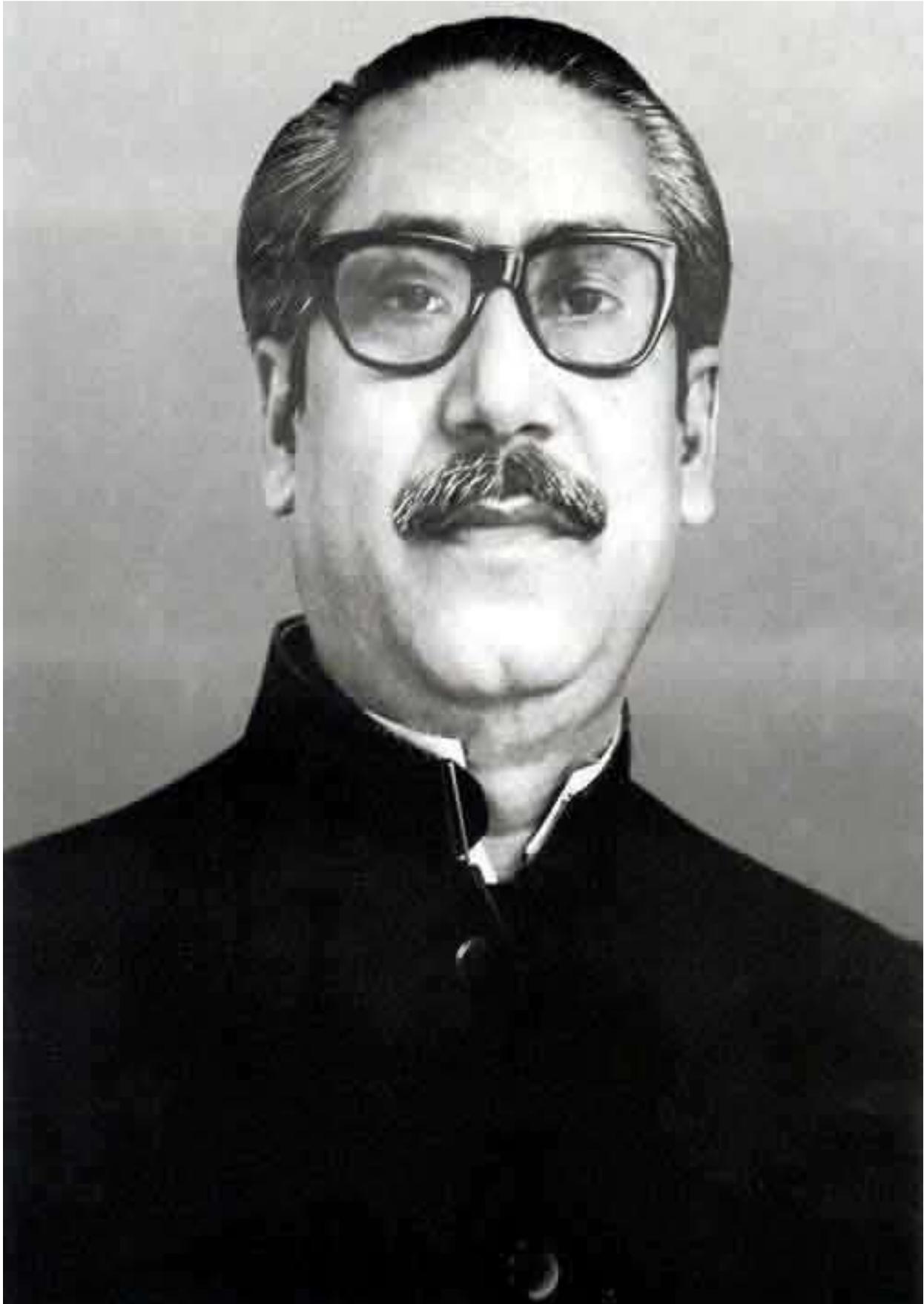
ANNUAL REPORT 2018-2019

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Father of the Nation Bangabadhu Sheikh Mujibur Rahman



Nurul Majid Mahmud Humayun MP
Minister
Ministry of Industries

Message

I am very glad to know that the Bangladesh Standards and Testing Institution (BSTI) is going to publish an **Annual Report on the activities of the fiscal year 2018-2019**. I appreciate all those who are involved in this wider publication.

International trade competition has become increasingly intensified due to globalization. All the states in the world, irrespective of developed and developing countries, are imposing Technical Barrier to Trade (TBT) in order to sustain their products and services in the global competition. Besides, all the countries have strengthened their efforts with a view to produce quality goods and services aiming to ensure positive export growth. In addition to this, the initiative of building world-class 'quality infrastructure' is being strengthened. To that end, the national standard body of different countries is playing the role of facilitator in expediting these initiatives.

The present government of Bangladesh under the dynamic and visionary leadership of the Honorable Prime Minister Her Excellency Sheikh Hasina, is committed to the nation to build a middle-income country by the year 2021 and a developed one by the year 2041. To fulfill this commitment, the quality of goods and services needs to be upgraded to internationally recognized standards is the demand of the time.

I am pleased to know that this Annual Report has included different activities including BSTI's achievements, strategies, work plans, income-expenditure statement and other important record of services and data for the stipulated financial year. Through this, all the important stakeholders will get a clear understanding of the overall activities of BSTI. I believe that this initiative will help in increasing the confidence among the service recipients and relevant stakeholders of BSTI.

I appreciate all those who are involved with this publication.

Nurul Majid Mahmud Humayun MP



Kamal Ahmed Majumder
State Minister
Ministry of Industries

Message

It gives me immense pleasure to know that the Bangladesh Standards and Testing Institution (BSTI) will publish its **Annual Report 2018-2019**. I appreciate this praiseworthy venture.

BSTI, the only National Standards Body of Bangladesh is entrusted with the responsibilities of formulation of national standards, laboratory testing and product certification (both mandatory and voluntary), Management System Certification (MSC) and Metrology service, which are the vital organs of National Quality Infrastructure (NQI). The government under the visionary leadership of Prime Minister Sheikh Hasina is working to transform BSTI as an international standard and effective organization in the field of testing standards. In order to achieve this goal, the government has already taken several development projects, some of which are under implementation while some are at the approval stage. With this initiatives being implement BSTI has gained ability to provide services with trained efficient manpower, modern machineries and equipment set up in world-class laboratories and providing one-stop service.

The country is already receiving the benefits of these time befitting initiatives. The BSTI issued standard certification for 21 food items of Bangladesh has been accepted by the Food Safety & Standard Authority of Indian government. As a result, these 21 food items are receiving free access to the Indian market at present. The government is determined to expand the testing facility of international standard outside the capital, Dhaka. In line with this, the office-cum-laboratory of BSTI in Rangpur and Mymensingh division and Cumilla, Faridpur and Cox's Bazar district have been set up. This Initiative will be extended to other districts and gradually at the upazilla level for ensuring food security, environmental protection and products manufactured in the domestic industry everywhere in the country.

I wish a wide circulation of the Annual Report 2018-2019 published by BSTI.

Joi Bangla, Joi Bangabandhu

May Bangladesh live forever.

Kamal Ahmed Majumder



Md. Abdul Halim
Secretary
Ministry of Industries

Message

I am delighted to know that the Bangladesh Standards and Testing Institution (BSTI) is going to publish a comprehensive **Annual Report for the fiscal year 2018-2019** on its performance. I appreciate all those who are involved with this publication.

Standard is an inevitable part of the Quality Assurance Infrastructure of Bangladesh. For increasing the export of local products and services, an internationally recognized and accepted National Quality Infrastructure is necessary. Bangladesh Standards and Testing Institution (BSTI) is a single national authority to formulate National Standards in the country for maintaining the products and services quality.

BSTI is highly praised for its organizational performance both locally and internationally and appreciated in different international forums. I am confident that this annual report will provide the information on BSTI's activities, its achievements and future plan to the stakeholders and will be able to raise awareness among mass people on the importance and necessity of products standard.

I wish a wide circulation of this Annual Report.

Md. Abdul Halim

Foreword



It is our pleasure that we are going to publish BSTI Annual Report 2018-2019 to meet the growing interest of the stakeholders as well as its development partners. This report reflects on the institution's history, organizational structure, performance and achievement.

BSTI, the only National Standards Body of Bangladesh came into being in 1985 through an Ordinance (Ordinance XXXVII of 1985) with the merger of Bangladesh Standards Institution (BDSI) and the Central Testing Laboratories (CTL). Later, Department of Agricultural Marketing and Grading, under the Ministry of Commerce was merged with BSTI in 1995. BSTI is entrusted with the responsibility of formulation of national standards, laboratory testing and product certification (both mandatory and voluntary), management system certification and metrology service, which are the vital organs of National Quality Infrastructure (NQI).

Accreditation is one of the new phenomena in global free market economy in the recent past. To cope with the new context BSTI has been striving to attain an international level of quality and professionalism in all its operations. BSTI had taken initiatives to get international recognition for its testing labs, product certification and management system certification. BSTI laboratories have awarded accreditation by Bangladesh Accreditation Board (BAB) as per international standard ISO/IEC 17025 in the field of chemical, mechanical and biological testing, covering 35 products and 411 parameters. BSTI has also achieved accreditation for its product certification system from National Accreditation Board for Certification Bodies (NABCB), India as per ISO/IEC 17065, till today 14 products have been accredited. In Bangladesh some private Certification Bodies (CBs) engaged in issuing Management System Certification (MSC). BSTI is the only govt. organization that has started awarding management system certification since 2010. System certification of BSTI got accreditation from Bangladesh Accreditation Board (BAB) for ISO 9001, ISO 14001 and ISO 22000.

We want to expand our services to the customer's doorsteps. Aiming this, a number of development projects funded by Government of Bangladesh are being implemented.

I do express my sincere gratitude to all concerned, especially to editorial ones who contributed significant inputs of the report. We are hopeful that the readers will find this annual report informative. Any observation, view and recommendation from the eminent readers would be highly appreciated and will consider as precious contribution towards enriching the future publication of the report.

Md. Muazzem Hossain
Director General

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Vision and Mission of BSTI

□ Vision



VISION:

To make the Institution competent with the latest technology through standardization and ensuring quality products.

ভিশন: মান প্রণয়ন ও মানসম্মত পণ্য প্রাপ্তি নিশ্চিতকরণে যুগোপযোগী প্রতিষ্ঠান হিসেবে রূপান্তর।

□ Mission



MISSION:

To enhance the quality of products and services up to international level and ensure accuracy in the measurement system through standardization for facilitating national and international trade.

মিশন: পণ্য ও সেবার মান প্রণয়ন, গুণগতমান ও পরিমাপ নিশ্চিতকরণের নিমিত্ত সেবাসমূহকে আন্তর্জাতিক/আঞ্চলিক মানদণ্ডে উন্নীতকরণ এবং সেবাগ্রহীতাদের স্বার্থ রক্ষাক্রমে জাতীয় ও আন্তর্জাতিক বাণিজ্যে সহায়তা।

1. Brief History of BSTI

In 1955 in the then East Pakistan a regional branch of the Central Testing Laboratories (CTL) was set up in Dhaka to test and assess the quality of goods procured through import or produced locally. Thereafter, in 1957 the regional branch of the Pakistan Standards Institution (PSI) was established in Dhaka and in 1963 the Certification Marks Inspectorate for certifying industrial products was set up in Chittagong. In 1985 the government of Bangladesh consulted the stakeholders with a view to achieving effective results in the area of standards and conformity assessment of the products. Government

had abolished the Central Testing Laboratories and the Bangladesh Standards Institution and established a new organization, i.e. the Bangladesh Standards and Testing Institution (BSTI), entrusting with all the responsibilities of these two defunct organizations by promulgating Ordinance no. XXXVII of 1985. Before that, in 1982, in order to implement the Metric System of Weights and Measures throughout the country, the Government had promulgated The Standards of Weights and Measures Ordinance, 1982. In 1995 the department of Agriculture Grading and Marketing was abolished and merged with BSTI.

2. Laws Governing BSTI

- I. বাংলাদেশ স্ট্যান্ডার্ডস এন্ড টেস্টিং ইন্সটিটিউশন আইন-২০১৮
- II. ওজন ও পরিমাপ মানদণ্ড আইন-২০১৮
- III. The Bangladesh Standards of Weights and Measures Rules, 1982
- IV. বাংলাদেশ স্ট্যান্ডার্ড ওজন ও পরিমাপ (পণ্য সামগ্রী মোড়কজাতকরণ) বিধিমালা, ২০০৭
- V. The Bangladesh Standards and Testing Institution employees Service Rules, 1989)
- VI. বাংলাদেশ স্ট্যান্ডার্ডস এন্ড টেস্টিং ইন্সটিটিউশন প্রবিধানমালা, ১৯৮৯
- VII. The Bangladesh Standards and Testing Institution employees (Pension and Gratuity Rules, 2002)
- VIII. The Bangladesh Standards and Testing Institution employees Service Rules (Amend.) 2005
- IX. Bangladesh Standards & Testing Institution (Management System Certification) Regulation, 2009)

3. Functions of BSTI

- a.** To set up Bangladesh Standards of quality and dimensions and prepare and promote the general adoption of standards on national and international basis relating to materials, commodities, structures, practices and operations and, from time to time, to withdraw, revise, alter and amend the same;
- b.** To consider and recommend to the Government Bangladesh Standards for the measurement of length, weight, mass, volume, and energy;
- c.** To promote standardization, quality control, metrology and simplification in industry and commerce;
- d.** To secure compliance with the Bangladesh Standards adopted by the Institution by the producers and users;
- e.** To implement Bangladesh Standards through the administration of a national certification mark scheme or inspection of goods or both;
- f.** To provide or arrange facilities for examination, testing and inspection of commodities, processes and practices for any investigation, research or promotion of export that may be necessary and to issue test reports;
- g.** To certify the quality of commodities, materials, produces, products and other things including food materials, whether for local consumption, export or import;
- h.** To co-ordinate the efforts of producers and users for the improvement of materials, products, code of practice, appliances, processes and methods, so as to eliminate the national waste of material and time involved in the production of an unnecessary variety of patterns and sizes of articles for one and the same purpose;
- i.** To establish and publish, in such manner as may be prescribed, the Bangladesh Standard Specifications in relation to any article or process or code of practice;
- j.** To recognize, adopt or endorse as a Bangladesh Standard, in such manner as may be prescribed, any standard established by any other Institution in Bangladesh or in any foreign country, or by international organizations in relation to any article or process;
- k.** To specify a Standard Mark to be called the Bangladesh Standards and Testing Institution Certification Mark which shall be of such design and contain such particulars as may be prescribed to represent a particular Bangladesh Standard;
- l.** To grant, renew, reject, suspend or cancel, in such manner as may be prescribed, a licence for the use of Standard Mark;
- m.** To make such inspection and take such samples of any material or substance as may be necessary to see whether any article or process in relation to which the Standard Mark has been used or proposed to be used conforms to the Bangladesh Standard or whether the Standard Mark has been improperly used in relation to any article or process with or without license;
- n.** To utilize, with the permission of the owners, the services of laboratories other than those maintained by the Institution and approve such laboratories for the purpose of the Institution;
- o.** To make arrangements, or provide for the facilities, for the testing and calibration of precision instruments, gauges and scientific apparatus and for the issue of certificates in regard thereto so as to make them comply with the required standards;
- p.** To undertake execution of any trust or any agency business which it may consider conducive to the attainment of its objectives;
- q.** To co-operate with any person, association, or organization outside Bangladesh having objectives similar to those for which the Institution is established; and
- r.** To do all such acts and things ancillary or incidental to any of the aforesaid functions.

4. Organs of BSTI

- a. BSTI Council
- b. The Committees
- c. The Director General and Staff

Duties and responsibilities of these organs are:

4.1 BSTI Council

a. The general direction and administration of the affairs and functions of the Institution is vested in a Council which may exercise all powers and perform all functions which may be exercised or performed by the Institution

b. The Council in discharging its duties, is guided by such instructions as given to it by the Government from time to time.

4.2 The Committees

The Council appoints such committees; as it thinks fit to assist it in the discharge of its functions.



The 32nd Meeting of the BSTI Council Held on 16th April, 2019 at BSTI Conference Room. Honorable Minister, Ministry of Industries, Mr. Nurul Majid Mahmud Humayun M.P Presided the meeting. Honorable State Minister, Ministry of Industries, Mr. Kamal Ahmed Majumder M.p and Secretary, Ministry of Industries were also Present as Vice-President of the meeting. Director General of BSTI Mr. Md. Muazzem Hossain Present as member secretary of the meeting.

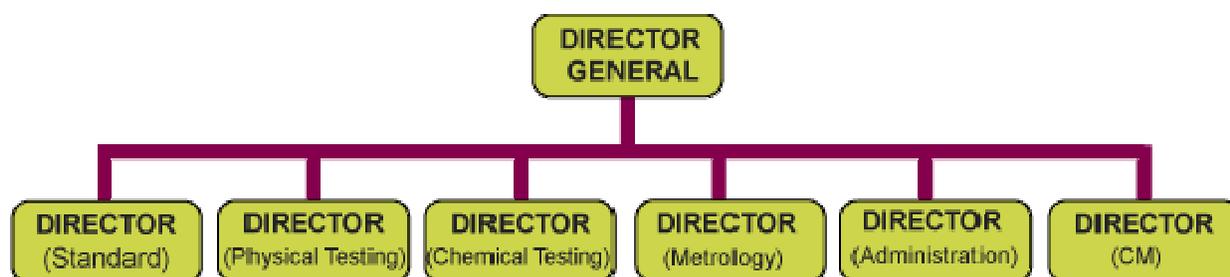
4.2 Standing Committee on Ministry of Industries:

Sl.	Name of Honorable MP	Constituency	Designation
1	Amir Hossain Amu	126 Jhalokathi-2	Chairman
2	Nurul Majid Mahmud Humayun	Minister	Member
3	A.K.M. Fazlul Haque	145 Sherpur-3	Member
4	Hibibur Rahman Mollah	178 Dhaka-5	Member
5	Shamim Osman	207 Narayanganj-4	Member
6	Abul Kalam Md. Ahsanul Haque Choudhury	20 Rangpur-2	Member
7	Abu Reza Muhammad Nezamuddin	292 Chittagong-15	Member
8	Mohammad Shahiduzzaman	74 Meherpur-2	Member
9	Kazim Uddin Ahmed	156 Mymensingh-11	Member
10	Vacant		Member

4.3 The Director General and Staff:

The Director General is the Chief Executive Officer of the Institution and is responsible for the proper administration of the Institution. The Director General is appointed by the Government on such terms and conditions as it may determine.

BSTI performs its responsibilities through 6 (six) wings. Each wing is headed by a Director. The wings are:



Under these 6 wings following 20 divisions/sections are working:

No.	Wing	Division
1.	Standards Wing	a. Agriculture and Food Division
		b. Jute & Textile Division
		c. Chemical Division
		d. Electrical, Electronics and Technical Division
		e. Civil and Mechanical Engineering Division
		f. Publication and Public Relations Division
2.	Physical Testing Wing	a. Electrical and Electronics Engineering
		b. Civil, Physical and Mechanical Engineering
		c. Textile
3.	Chemical Testing Wing	a. Chemical
		b. Food and Bacteriological
4.	Certification Marks (CM) Wing	a. Certification Marks
		b. Motivation and Training
5.	Metrology Wing	a. Legal Metrology
		b. Metrology Lab and Training
		c. Industrial and Scientific Metrology
6.	Administration Wing	a. Administration
		b. Accounts & Audit
		c. Planning & Development
		d. Store
		e. Management Systems Certification cell

4.4 Location of the Offices at divisions and districts level:

The Headquarters of the Institution is located at Dhaka. It has 8 Divisional and 4 District Offices. Address and other details of the head office, divisional and district offices are given below:

Head Office

Bangladesh Standards & Testing Institution

Maan Bhaban

116/A, Tejgaon Industrial Area,

Dhaka-1208.

Fax : (880-2)-9131581

E-mail : bsti@bangla.net, dg@bsti.gov.bd

Website: www.bsti.gov.bd

Phone : 8870275, 8870277, 8870278, 8870279, 8870280, 8870281, 9131582.

Divisional Offices

- Dhaka Divisional Metrology Inspectorate
BSTI Annex Building
116/A, Tejgaon Industrial Area,
Dhaka-1208.
Phone : 8870300
Fax: 88 02 8870676
E-mail: bsti_dmi@bangla.net
- BSTI Divisional Office, Rajshahi
Bipass Road, Nawdapara, Sapura,
Rajshahi.
Phone : 0721-861397, 0721-561398
E-mail: bsti_raj@yahoo.com
- BSTI Divisional Office, Chattogram
Jamburi Ground, Agrabad,
Chattogram.
Phone : 031-710695, 031-721137
E-mail: bsti_ctg@bnsibd.net
- BSTI Divisional Office, Barishal
BSCIC Industrial Park, Kaunia,
Barishal.
Phone : 0431-65176
E-mail: bsti_barisal@gmail.com
- BSTI Divisional Office, Khulna
62, Old Jessore Road, Khalishpur,
Khulna.
Phone: 041-762152, 041-761542
E-mail: bsti_khulna@yahoo.com
- BSTI Divisional Office, Sylhet
BSCIC Industrial Park,
Khadimnagar, Sylhet.
Phone: 0821-2870935.
E-mail: bsti_sylhet@gmail.com
- BSTI Divisional Office, Rangpur
House No-46/2, Road No-01
Porjoton Purbapara
Post- Sadar, Rangpur-5400.
- BSTI Divisional Office, Mymensingh
Kismot, Rahmotpur Sadar
Mymensingh.
Phone: 01717139419

District Offices

- BSTI District Office, Cumilla
Holding No.21/1, Ward No-23
Dhanpur Kotbari Road
Kumilla-3502.
- BSTI District Office, Faridpur
BSCIC Industrial Area, Kanaipur
Faridpur-7801.
- BSTI District Office, Bogura
Old Upozila Bhaban
Kaigary, Bogura.
- BSTI District Office, Cox's Bazar
Plot: 4-5, New Circuit House Road
Cox'bazar.
E-mail: bsticox@gmail.com



Honorable Minister, Ministry of Industries Mr. Nurul Majid Mahmud Huhayun, M.P Inaugurated BSTI Cox's Bazar District Office on 4th July, 2019. State Minister, Ministry of Industries Mr. Kamal Ahmed Majumder, M.P, Mr. Shaimum Sarwar Kamal, M.P (Cox's Bazar-3, Sadar) and Director General of BSTI Mr. Md. Muazzem Hossain were also present.



Honorable Minister, Ministry of Industries Mr. Nurul Majid Mahmud Huhayun, M.P Inaugurated BSTI Cox's Bazar District Office on 4th July, 2019. State Minister, Ministry of Industries Mr. Kamal Ahmed Majumder, M.P, Mr. Shaimum Sarwar Kamal, M.P (Cox's Bazar-3, Sadar) and Director General of BSTI Mr. Md. Muazzem Hossain were also present.

Wings of BSTI and their functions

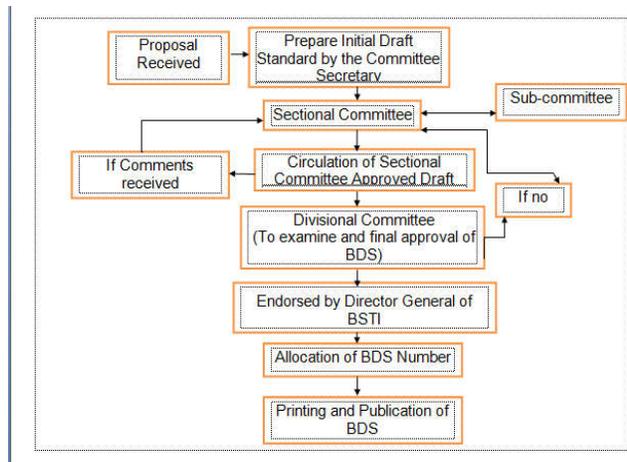
5.1 Standards Wing

Standards Wing is responsible for development of standards on consensus based approach through its Sectional (Technical) and Divisional Committees. Apart from development of national standards, emphasis is laid also on periodic review of standards to keep them at par with modern technologies. Majority of these standards are harmonized from International Standards. So far BSTI has formulated 3,765 standards till June 2019. Approximately 59% of the existing Bangladesh Standards (BDS) have been harmonized with International and Regional Standards (ISO, IEC, CAC, EN etc.) to facilitate acceptance of Bangladeshi products in the International Market.

Standard:

Document, established by consensus and approved by a recognized body, that provides, for common and repeated use, rules, guidelines or characteristics for activities or their results, aimed at the achievement of the optimum degree of order in a given context.

Flow Chart for the Development of Bangladesh Standards (BDS)



5.2 Standards Development Committees:

There are 73 Sectional (Technical) Committees under 6 Divisional Committees have been assigned to perform the Standard development process. There are also two National Committees; such as National Codex Committee (NCC) and IEC National Committee of Bangladesh. These committees comprise stakeholders mainly from industries, research organizations, trade bodies, academic institutions, consumer association, testing laboratories and the government agencies.



Meeting of the Standards Technical Committee.

5.3 Library, Documentation and Technical Information

BSTI Library has a vast wealth of documents. Library, documentation and technical information centrally collects standards, documents and other technical publications from home and abroad. A lot of reference books, administrative books, periodical handbooks, dictionaries, glossaries; encyclopedias, related Gazette and other rules and regulations published by Bangladesh Government are stored in this library. Standards of ISO, IEC, OIML and CODEX are stored in the library. Besides these, Standards from India (IS), United States of America (ANSI & ASTM), United Kingdom (BS), Australia (AS), Germany (DIN), Japan (JIS), Republic of Korea (KS), Malaysia (MS), New Zealand (NZ), Pakistan (PS), Saudi Arabia (SAS), Singapore (SS), Sri-Lanka (SLS), Thailand (TIS) and many other countries are available in BSTI library.

BSTI personnel, public and private sector organizations, persons carrying out academic and scientific research, students and other parties related to standards and standardization activities have free access to the library.

5.4 Participation in Regional and International Standardization Activities:

As a member body of ISO, BSTI participate in ISO international standardization activities. Currently, BSTI is Participating Member (P-member) of 6 ISO committees and Observing Member (O-member) of 23 ISO committees.

Director (standards) was attend the 6th Meeting of TMB & 7th Meeting of GB of SARSO held on 21-23 November, 2019 in Kathmundu, Nepal. Besides this BSTI officer's attended 7 (Seven) different Regional Workshop/Seminar/Meeting arranged by ISO.

Recently BSTI upgraded its Membership from 'Affiliate Plus member' to 'Associate Member' of International Electrotechnical Commission (IEC).

5.5 Promotional Activities:

a) BSTI arranged a workshop on “Indo-Pacific Digital Trade Standardization Initiative 2018-2021” on 29th – 30th April, 2019 organized by Standards Australia. BSTI also successfully organized a very important awareness workshop on “Reducing risk of Non-communicable diseases (NCD) in Bangladesh” on 9th May 2019.

b) e-Catalogue and BDS Sales Project:

Standards Wing of BSTI has completed a project titled ‘e-Catalogue and BDS Sales’ with the technical and financial assistance of a2i Program of ICT Division, with a view to simplify the services provided by BSTI regarding sales of Bangladesh Standards (BDS). Now stakeholders will be able to choose and buy BDS through online electronic applications. Ultimately, this will save Time, Cost and Visit of the stakeholders.



Honorable Minister, Ministry Industries Mr. Nurul Majid Mahmud Humayun, MP Inaugurated e-Catalogue and Bangladesh Standards (BDS) Sale Service at BSTI in the Presence of State Minister, Ministry of Industries, Industry Secretary and Director General of BSTI.

5.5.1 Agreement/MoU/TCP with other NSBs:

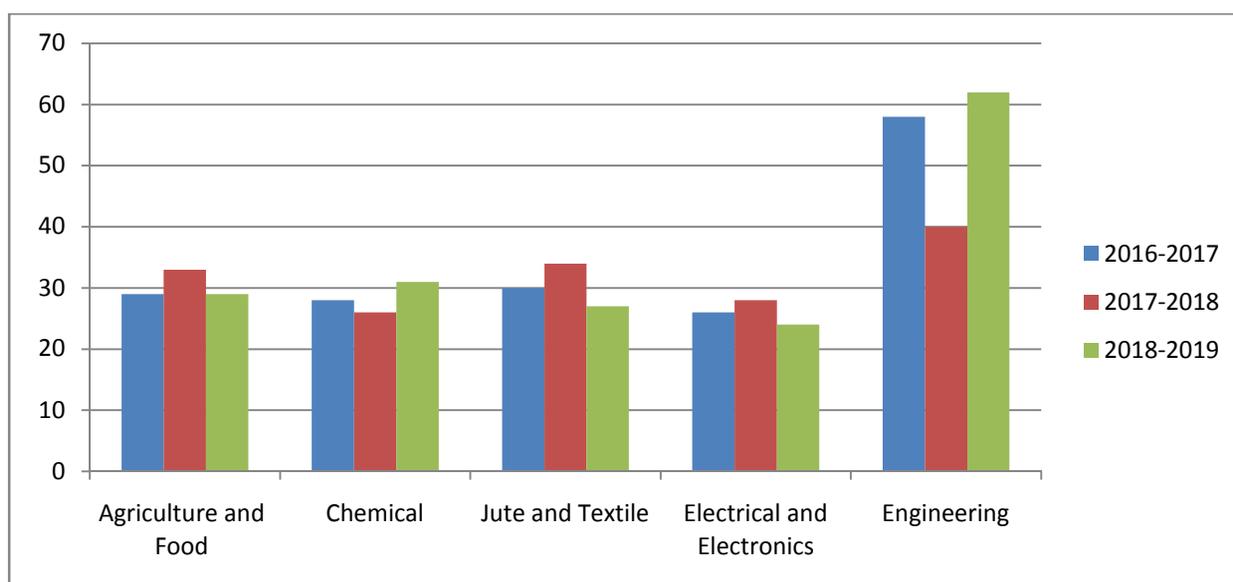
Type of Agreement	NSBs/Countries	Title of the MoU/Agreement
Memorandum of Understanding (MoU)	Pakistan Standards and Quality Control Authority (PSQCA), Pakistan	Memorandum of Understanding between Bangladesh Standards and Testing Institution (BSTI) and Pakistan Standards and Quality Control Authority (PSQCA) in the field of Standardization and Quality assurance.
Memorandum of Understanding (MoU)	Bureau of Indian Standards (BIS), India	Memorandum of Understanding between Bangladesh Standards and Testing Institution (BSTI) and Bureau of Indian Standards (BIS).
Bilateral Cooperation Agreement (BCA)	Bureau of Indian Standards (BIS), India	Agreement between Bangladesh Standards and Testing Institution and Bureau of Indian Standards in the field of Standardization and Conformity Assessment.
Technical Cooperation Program (TCP)	Saudi Standards, Metrology and Quality Organization (SASO), Kingdom of Saudi Arabia	Technical Cooperation Program between the Saudi Standards, Metrology and Quality Organization (SASO) and Bangladesh Standards and Testing Institution (BSTI).
Memorandum of Understanding (MoU)	Nepal Bureau of Standards and Metrology (NBSM), Nepal	Memorandum of Understanding between Bangladesh Standards and Testing Institution (BSTI) and Nepal Bureau of Standards and Metrology (NBSM).

Type of Agreement	NSBs/Countries	Title of the MoU/Agreement
Memorandum of Understanding (MoU)	Bhutan Standards Bureau (BSB), Bhutan	Memorandum of Understanding between Bangladesh Standards and Testing Institution (BSTI) and Bhutan Standards Bureau (BSB).
Memorandum of Understanding (MoU)	Sri Lanka Standards Institution (SLSI)	Memorandum of Understanding (MoU) between Bangladesh Standards and Testing Institution (BSTI) and the Sri Lanka Standards Institution (SLSI) on Technical Cooperation.
Memorandum of Understanding (MoU)	Turkish Standards Institution (TSE), Republic of Turkey	Memorandum of Understanding (MoU) between the Bangladesh Standards and Testing Institution (BSTI), the People's Republic of Bangladesh and the Turkish Standards Institution (TSE), the Republic of Turkey.
Memorandum of Understanding (MoU)	ASTM International, USA	Bangladesh Standards and Testing Institution (BSTI), the People's Republic of Bangladesh and the ASTM International, USA.
Memorandum of Understanding (MoU)	Standardization Administration of China (SAC), People's republic of China	Bangladesh Standards and Testing Institution (BSTI), the People's Republic of Bangladesh and Administration of China, People's republic of China.

5.5.2 Statistics of Bangladesh Standards (BDS) formulation (July 2018-June 2019):

Sr. No.	Activities	2016-2017	2017-2018	2018-2019
1	Agriculture and Food	29	33	29
2	Chemical	28	26	31
3	Jute and Textile	30	34	27
4	Electrical and Electronics	26	28	24
5	Engineering	58	40	62
	Total :	171	161	173

Statistics of Bangladesh Standards (BDS) formulation in last three years



6. Physical Testing Wing

Physical Testing Wing consists of 3 (three) Divisions as:

- 1) Civil, Physical and Mechanical Engineering Division.
- 2) Electrical, Electronics and Engineering Division.
- 3) Textile Division.

6.1 Civil, Physical and Mechanical Engineering Division:

Civil, Physical and Mechanical Engineering division performs the functions through the following laboratories:

- a) Cement Testing Laboratory
- b) Brick Testing Laboratory
- c) Mechanical Engineering Laboratory
- d) Tiles Testing Laboratory
- e) Safety Razor Blade Testing Laboratory
- f) Paper Testing Laboratory
- g) Hydraulic Pressure Testing Laboratory

a) Cement Testing Laboratory:



Cement Testing Laboratory:



Mechanical Engineering Laboratory

Name of the modern testing equipments added in physical labs:

- Compression Testing Machine, Cap:1500kN
- Automatic Mixer Machine
- Jolting Machine with Four Set Moulds
- Paper Tensile Testing Machine. Cap: 30kg
- 5.Hydraulic Pressure Testing Machine Cap: 2000 psi & 10 MPa

- Universal Tensile Testing Machine, Cap:1000 kN & 50Tons
- Compression Testing Machine, Cap. 2000kN
- Compression Testing Machine, Cap. 250 kN
- Air Permeability Testing Apparatus for Paper
- Vibrating Machine for Cement
- Humidity & Temperature Control Cabinet
- Planetary Mixer
- Vicat Needle Apparatus
- De-humidifier
- Paper Bursting Testing Machine
- Rockwell Hardness Testing Machine
- Breaking Strength Testing Machine for Tiles
- Abrasion Testing Machine for Tiles
- Tensile Strength Testing Machine for Rubber
- Paper Roughness Testing Machine
- Vicker Hardness Testing and
- Bevel Angle Testing Machine for Safety Razor Blade.

6.2 Electrical, Electronics and Engineering Division:

Electrical, Electronics and Engineering Division performs the functions through the following laboratories:

a) Air Conditioner Testing Laboratory:

This Laboratory can analyze various technical features of Air Conditioners with Air-Enthalpy Method by means of measuring the air temperature, air flow, pressure and electric parameter of the tested unit to testing cooling capacity & heating capacity. The split type, window type, cabinet type Air Conditioner can be tested in this lab. System has the functions of semi-auto working condition control, auto testing, recording and auto-made & printing test report.

b) Refrigerator Testing Laboratory

The purpose of this laboratory is to test different type of refrigerator. The laboratory has 4 stations in its chamber to test 4 refrigerators at a time.

c) Motor Testing Laboratory

The purpose of this laboratory is to test Electric AC motors performance both of **single-phase** and **three-phase**.

d) Fan Testing Laboratory

This Laboratory can analyze various technical features of electric fan as per BDS 818:2006 & BDS 1860:2012. The Laboratory has Multi-

Channel Air Flow measuring device, Which can perform simultaneous measurement of air velocity, temperature and humidity in real-time at 32 positions using USB based sensors.



Fan Testing Laboratory

e) Energy Meter Testing Laboratory

Energy Meter Testing Laboratory has computerized automatic digital single phase AC energy meter test benches to test Electro mechanical meter, Static watt hour meter and Pre-paid meter of different classes.

f) L.A.S Battery Testing Laboratory

This Laboratory has Battery cycle life tester, Discharge capacity tester, Reserve capacity tester, Multi channels formation equipment and High rate discharger. This Laboratory having automatic Charging and discharging facilities can test different type of LAS Battery, Solar Battery and EV Battery.

g) Cable Testing Laboratory

Cable Testing Lab is well equipped with modern instrument to test different kind of cable such as PVC insulated cable, Flexible cord, Power cable, XLPE cable, AAC and ACSR.

h) Lighting Product Testing Laboratory

All kind of Tubular fluorescent lamp, Compact fluorescent lamp, Incandescent lamp, LED light, Neon light, Halogen light, LED Street light, Electronic ballast & magnetic ballast are tested in this laboratory.

i) Super Enameled Copper Wire Testing Laboratory

Super enameled copper wires those are use in electric motor, Transformer, Ceiling fan are tested in this laboratory.

j) Bakelite Testing Laboratory

Switch, Plug, Socket, and Ceiling Roses are tested in this laboratory.

k) Transformer Testing Laboratory

Single Phase Transformer and Three Phase Transformer are tested in this laboratory.

The following other electrical products are also tested in BSTI:

Dry cell battery, Watch battery, LT & HT cable, Porcelain insulator, Electric line materials (Transmission & distribution), Circuit breaker, Meter box, Electric iron etc.

Textile Testing Division:

The textile testing division performs the functions through the following laboratories:

1. Textile Mechanical Laboratory.
2. Textile Chemical Laboratory.

Accredited Textile Testing laboratory:

The Textile and Garments sectors are the major foreign currency earning sectors in Bangladesh. BSTI has established well-equipped modern textile laboratory. BSTI Textile Laboratory achieved accreditation from BAB (Bangladesh Accreditation Board), Bangladesh as per ISO 17025. Fibre, yarn, fabrics, garments and textile accessories etc. are being tested in this laboratory.

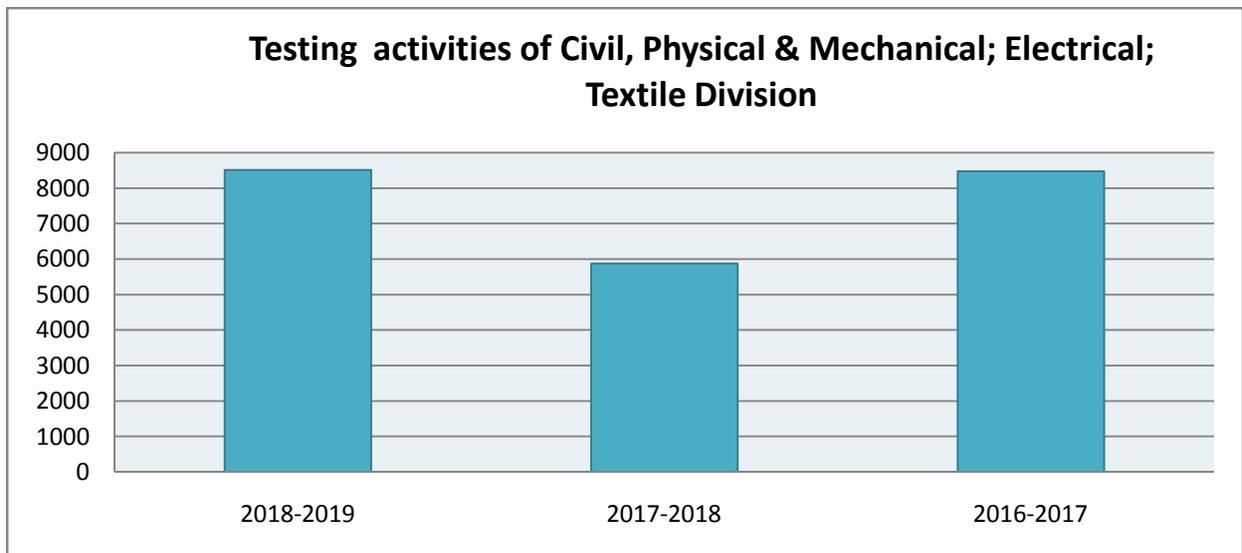
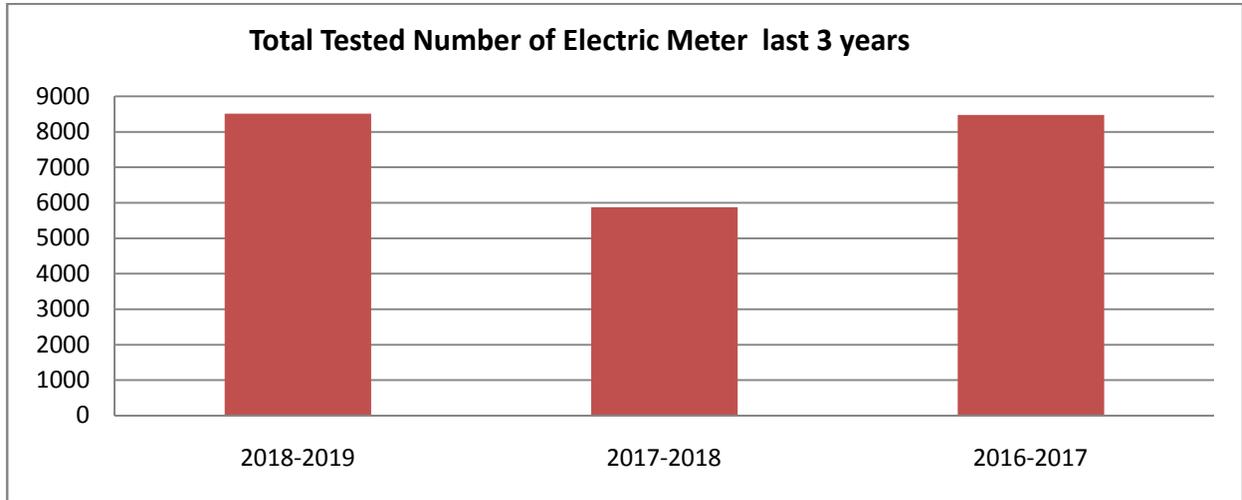
Modern Laboratory Equipment and Machineries

List of some modern laboratory equipments of Textile Testing Laboratory of BSTI.

- Gas Chromatograph Mass Spectrometer (GCMS)
- High Performance Liquid Chromatograph (HPLC) with Mass Spectrometer (MS) Detector
- Atomic Absorption Spectrophotometer (AAS)
- Electrolux Wascator
- Launderometer
- Perspirometer
- AATCC Spray Tester
- Crease Recovery Tester
- Martindale Abrasion Tester
- Pilling Box
- Tensile Strength Testing Machine (Tinius Olsen)
- Tear Strength Tester
- Bursting Strength Tester
- Crock Meter
- Electronic Twist Tester

6.2 Activities of Physical Testing Wing:

Sl. No	Activities	2016-2017	2017-2018	2018-2019
1.	Electric Meter Tested:	913000	718600	548900
2.	a) Civil, Physical & Mechanical: b) Electrical: c) Textile:	8475	5871	8508
3.	Revenue Income: (in lac)	558.38	365.66	421.76



7. Chemical Testing Wing

Chemical testing wing consists of two divisions, These are:

1. Food and Bacteriology Division
2. Chemical Division

5.3.1 Food and Bacteriology Division

I. Cereal and Bakery Products Lab.

Test Items: Biscuits, Chanachur, Noodles, Instant Noodles, White Bread, Lachsa Shemai, Cake etc.



Atomic Absorption Spectrophotometer (AAS) Laboratory

II. Processed Fruits Products and Fruit Drinks Lab.

Test Items: Fruit Juice, Fruits Drinks, Jam, Jelly, Marmalade, Pickles, Sauce, Tomato ketchup, Tomato paste, Chutney, fruit squash, Fruit syrup, Fruit cordial, Edible jell etc.

III. Water and Beverages lab.

Test Items: Water, Carbonated beverage, Tea, Lozenges, Sugar, Honey, Soft drink powder, Dextrose monohydrates etc.



Liquid Chromatograph Laboratory

IV. Microbiological lab.

Test Items: Fruit juice, Fruits drinks, Tomato ketchup, Tomato paste, Chutney, Fruit squash, Fruit syrup, Fruit cordial, Edible jell, Water, carbonated Beverage, Soft drink powder, Skin cream, Skin powder, Shampoo etc.

V. Oils and Fats Products lab.

Test Items: Fortified soybean oil, Mustard oil, Fortified palm oil, Fortified palm olein, Rice bran oil, Sunflower oil, Black seed oil, Banaspati etc.

VI. Spices and Condiments Lab.

Test Items: Chillis (Whole & Ground), Turmeric powder, Coriander powder, Cumin powder, Suji, Atta, Maida etc.

VII. Milk and Milk Products Lab

Test Items: Pasteurized milk, Toffees, yoghurt & Sweetened yoghurt, Ice-cream, Whole milk powder & Skim milk powder, Infant formula, Butter oil, Ghee etc.



Gas Chromatograph Mass Spectrophotometer (GC MS)

VIII. Following are the instrumental labs in BSTI.

- AAS and GC Lab
- GC-MS Lab.
- HPLC Lab
- LC MSMS Lab
- GC MSMS Lab



Liquid Chromatograph Mass Spectrophotometer

Accreditation status of Food & Bacteriology Laboratories:

Food and Bacteriological Divisions acquired Accreditation as per ISO/IEC 17025:2005 by Bangladesh Accreditation Board (BAB).

Accredited laboratories are:

- I. Cereal and bakery lab.
- II. Processed food products and fruit drinks lab.
- III. Water and beverages lab.
- IV. Microbiological lab.
- V. Instrumental lab. (AAS and HPLC)

271 parameters of 28 Food products have been accredited by Bangladesh Accreditation Board (BAB).

6.3.2. Chemical Division

Laboratories of the chemical divisions are.

- **Soap and detergent laboratory**
Test Items: Toilet soap, Laundry soap, Carboic soap, Synthetic detergent powder and Shampoo
- **Cosmetic products laboratory**
Test Items: Skin Cream, After Shaving Lotion, Lipstick, Shaving Cream, Hair oil, Skin and Face Powder, Coconut oil
- **Building materials laboratory**
Test Items: MS Rod, GP Sheet and CGS Sheet, Cement
- **Ceramic products laboratory**
Test Items: Ceramic tableware, Tiles, Tableware made of Melamine Moulding Compound etc.
-

- **Chemical fertilizer laboratory**
Test Items: Chemical Fertilizer (Organic and Inorganic), Ammonium Sulfate, TSP etc.
- **Paper and pulp laboratory**
Test Items: Stencil Paper, Writing and Printing Paper, Newsprint Paper, Security Paper, Carbon Paper etc.
- **Leather products laboratory**
Test Items: Leather Products, Shoe Polish etc.
- **Gold testing laboratory**
Test Items: Ornaments and Medal made of Gold, Silver and Bronze etc.



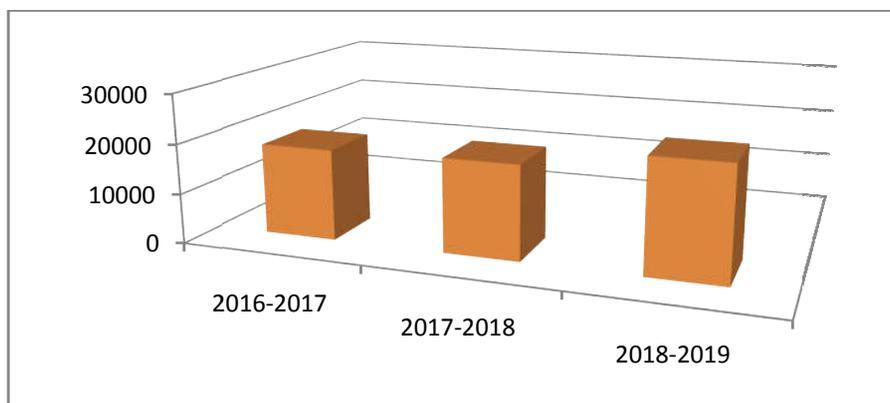
Gold Testing Lab XRF Machine

Accreditation status of Chemical laboratories

- I. Soap and Detergent Lab.
 - II. Building materials Lab.
- 21 parameters of 04 Chemical products have got accreditation from Bangladesh Accreditation Board (BAB).

7.1 Statistics of sample tested in Chemical Testing labs during 2018-2019

SI No	Activities	2016-2017	2017-2018	2018-2019
1	Number of Tested Food Commodities, Organic Commodities and Inorganic Commodities	18362	18869	22594
2	Revenue Income (in lakh Tk)	1102.04	1144.52	1494.82



8. Metrology Wing

6.4.1 Metrology

Metrology is the science and application of measurement, embracing both experimental and theoretical determinations at any level of uncertainty in any field of science and technology. Fields of Metrology

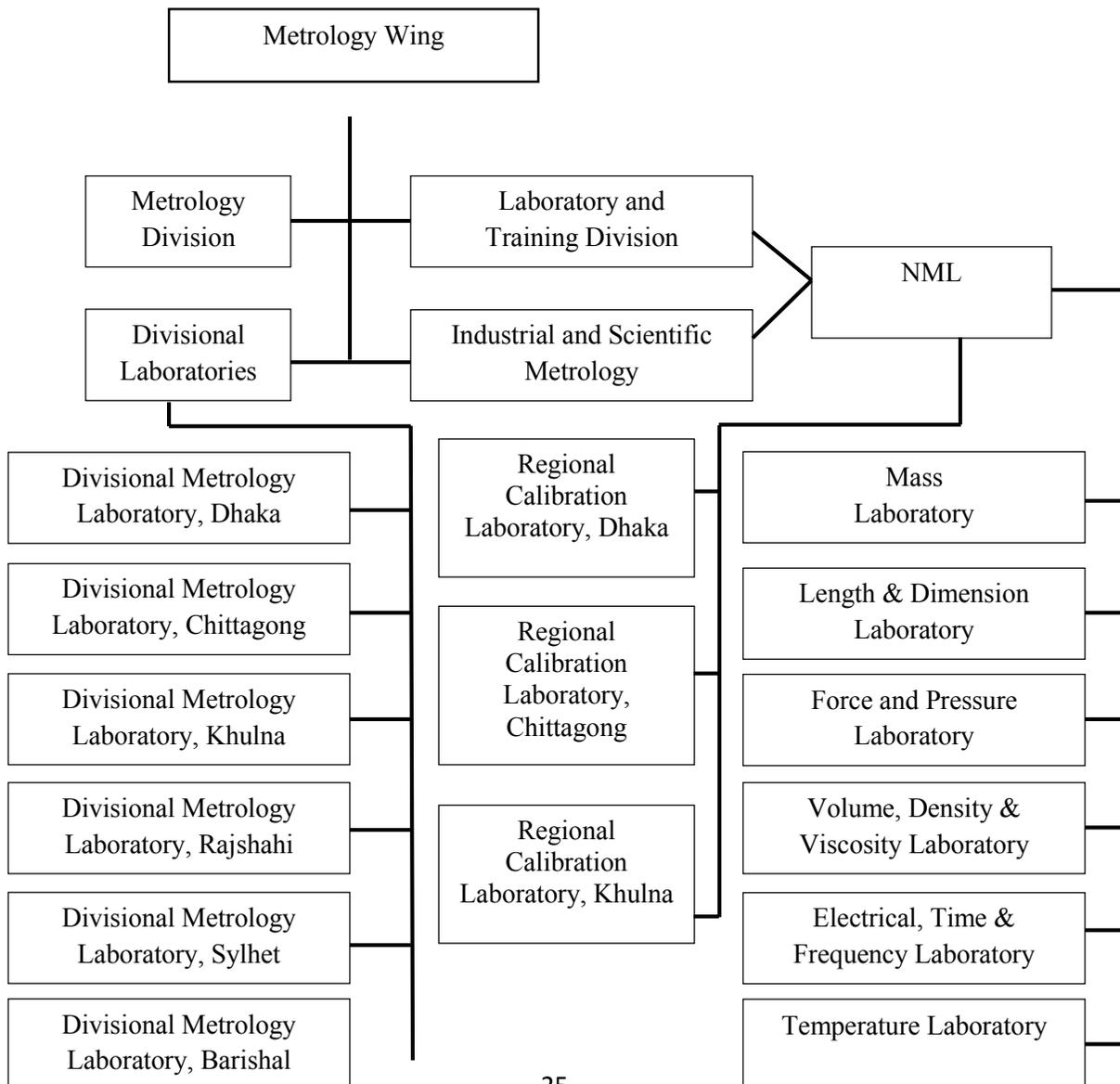
(i) Legal Metrology (ii) Industrial Metrology and (iii) Scientific Metrology.

(i) Legal metrology is one of the major parts of metrology and it is the practice and the process of applying regulatory structure and enforcement to metrology. The international organization of legal metrology (OIML) explains legal metrology more briefly that-Legal metrology is the application of legal requirements to measurements and measuring instruments.

(ii) Industrial Metrology: Applied, technical or industrial metrology is concerned with the application of measurement to manufacturing and other processes and their use in society, ensuring the suitability of measurement instruments, their calibration and quality control.

(iii) Scientific metrology is concerned with the establishment of units of measurement, the development of new measurement methods, the realization of measurement standards, and the transfer of traceability from these standards to users in a society. This type of metrology is considered the top level of metrology which strives for the highest degree of accuracy.

Flow Chart of Metrology Wing



8.1 Metrology Activities

Presently, the Bangladesh Standards and Testing Institution (BSTI) has been maintaining Reference and Secondary Standards of mass, length and volume. These standards of mass, length and volume are being used for verification of weights and measures and for calibrating weighing and measuring equipment.

There are seven regional (Headquarters located at Dhaka, Chattagram, Rajshahi, Khulna, Barishal, Sylhet and Rangpur) and five district (Located at Coxbazar, Faridpur, Kumilla, Bogura and Kishorgonj) offices of metrology laboratories.

These laboratories are equipped with working standards of weights and measures used for verification and re-verification of commercial weights and measures. Three Regional Calibration Laboratory (RCL) are established at Dhaka, Chittagong and Khulna offices.

8.2. New venture of Metrology services

1. Verification of CNG dispensing unit will be introduced very soon for protection of customer rights of Compressed Natural Gas (CNG) user. BSTI Metrology Wing going to start verification & stamping of CNG master meter as per decision of the 31st council meeting held on 12.09.2017.

2. The Government of the Peoples Republic of Bangladesh has promulgated the 'LPG Bottling Plant Establishment Policy, 2016' vide notification No28.00.0000.027.38.006.16-177 dated 10 May, 2016. According to the section No 3.6 of said policy, it is mandatory to take approval from BSTI for establishment and running of 'LPG Bottling Plant'.

So, BSTI has started activities for issuing license to newly establishment LPG Bottling Plant. For this reason BSTI Council has given approval of fees for issuing license to the LPG Bottling Plant in 31st, meeting which was taken place on 12.09.2017. The same fees will be applicable in case of LNG Bottling Plant also.

3. Project Proposal/Future Plan: To establish primary standard and expand the calibration facilities in the field of Mass, Balance, Temperature, Length, Force, Pressure, Time & Electrical parameter a Development Project Proposal (DPP) has been submitted to the Ministry of Industry. Under the project "Up gradation and expansion of National Metrology Laboratory (NML), BSTI", some precision equipment including higher level of measurement standard of SI units will be purchased.

8.3 National Metrology Laboratory (NML)

In general, every country has a National Metrology Institute/Laboratory (NML), which is responsible for the development and maintenance of the national measurement standards in physical and chemical quantities irrespective of whether these standards physically have the highest achievable accuracy (primary standards), when they are declared as the national measurement standard of a nation, they represent the countries measurement capability. It is the apex laboratory of a country. Calibration activities are also an essential part of the national metrology system and thus of the national quality system. The National Metrology Laboratory is the national custodian of reference standards and as such it must obtain, conserve, develop and disseminate the basic measurement units and the highest level of calibration standards. It provides traceability to the national system and it ensures that international technical guidelines are followed for metrological performance for measuring instruments subject to legal controls. From the point of view of manufacturers it ensures that their products meet international specifications for metrological performance and testing.

The National Metrology Laboratory (NML-BSTI) of Bangladesh was established in 2009 with cost of Tk. 3200 Lakh under a TA Project "Quality Management System and Conformity Assessment Activity for Bangladesh Quality Support Programme" (Post MFA), with the financial and technical support of EU, UNIDO and NORAD. The NML-BSTI started its operations in 2009 and it was formally inaugurated by the then honorable Minister, Mr. Dilip Barua, Ministry of Industries and Dr. Kandeh K. Yumkela, Director General, UNIDO on 6th June, 2010.

There are six laboratories in the National Metrology Laboratory. They are as follow:

- Mass Measurement Laboratory
- Length & Dimension at Measurement Laboratory Temperature Measurement Laboratory
- Volume, Viscosity and Density Measurement Laboratory
- Electrical, Time & Frequency Measurement Laboratory

In 2013 all the above six laboratories of NML-BSTI achieved accreditation by Norwegian Accreditation (NA) and Bangladesh Accreditation Board (BAB).

Main:

It is the primary national metrology laboratory; as such it develops national measurement standards and disseminates their accuracy to industry and other users in the country.

- It establishes and maintains the national measurement system, giving technical support to the network of private and public sector calibration laboratories,
- It provides traceability to the International System of Units (SI) to the national system,
- It offers technical support to industry in matters related to measurements, reference materials, calibrations and data to establish traceability of their measurements,
- It participates in modernization and technology transfer between academia, industry and government, contributing to the advancement of the scientific and technical infrastructure required by industry to compete in the present global markets,
- It supports the development of reference standards and of the national measurement system,
- It facilitates international harmonization and compatibility of measurements,
- It represents the country in the Regional Metrology Organization (RMO) and the world wide metrology system coordinated by BIPM,
- It participates in internationally organized inter-comparison measurements,
- Together with the national accreditation body it organizes national inter-comparison measurements for calibration laboratories in the country.

Some pictorial view of NML



Measurement Standards on Mass



Measurement standards on length and dimension



Measurement standards on force and pressure



Measurement Standards on Electrical, Time and Frequency.



Volumetric measurements are concerned with the measurement of liquid volumes



Temperature measurement laboratory



Basic Training Programme on Calibration Organized by NML-BSTI on 16-20 June, 2019. The Programme was Inaugurated and Certificates also given to Participants by Md. Muazzem Hossain, Director General of BSTI.

Accredited Scope of NML-BSTI Calibration Services:

Field/ Parameter	Quantity/ Instrument	Measurement Range	Expanded Uncertainty (k=2)
Mass	Mass Standard	1-100 mg	0.003 - 0.005 mg
	Mass Standard	0.1 – 1 g	0.005 - 0.010 mg
	Mass Standard	1 – 10 g	0.010 - 0.020 mg
	Mass Standard	10-100 g	0.020 -0.050 mg
	Mass Standard	100 g – 1 kg	0.050 -0.5 mg
	Mass Standard	1 kg – 10 kg	0.5 -5 mg
Volume	Glassware – Flasks, pipettes, burettes, measuring cylinders, pycnometers, Beaker	1 – 500 ml	0.002-0.3 ml
	Micropipette	1 µl– 10 ml	0.1 µl– 20 µl
Temperature	Liquid in glass thermometer	0-200 °C	0.1 °C
	Temperature sensors with display unit	-50 to +250 °C	0.1 °C
Length	Engineers tape measure	0-10 m	0.12 mm
	Engineer steel rule	0-1500 mm	0.1 mm
	Dial Gauge	0-100 mm	1µm for LC-0.001mm 6µm for LC-0.01mm
	Height Gauge, Vernier Caliper	0-600 mm	10µm for LC-0.01mm 14µm for LC-0.02mm 30µm for LC-0.05mm
	Micrometer	0-600 mm	0.6µm for LC-0.0001mm 1µm for LC-0.001mm 4µm for LC-0.01mm
	Gauge Block	1-100 mm	0.09 - 0.17µm
	Feeler Gauge	Up to 1.0mm	2.5µm
Balance	Weighing Instruments	0-220 g	0.1 mg
	Weighing Instruments	220g-1.2 kg	0.01 g
	Weighing Instruments	1.2-500 kg	30 mg-5 g
Pressure	Gas medium	1.5 – 40 kPa	0.1 kPa
	Liquid medium	0.1 – 100 MPa	2 kPa
Time and Frequency	Time difference meter	600 – 100000 s	1 s

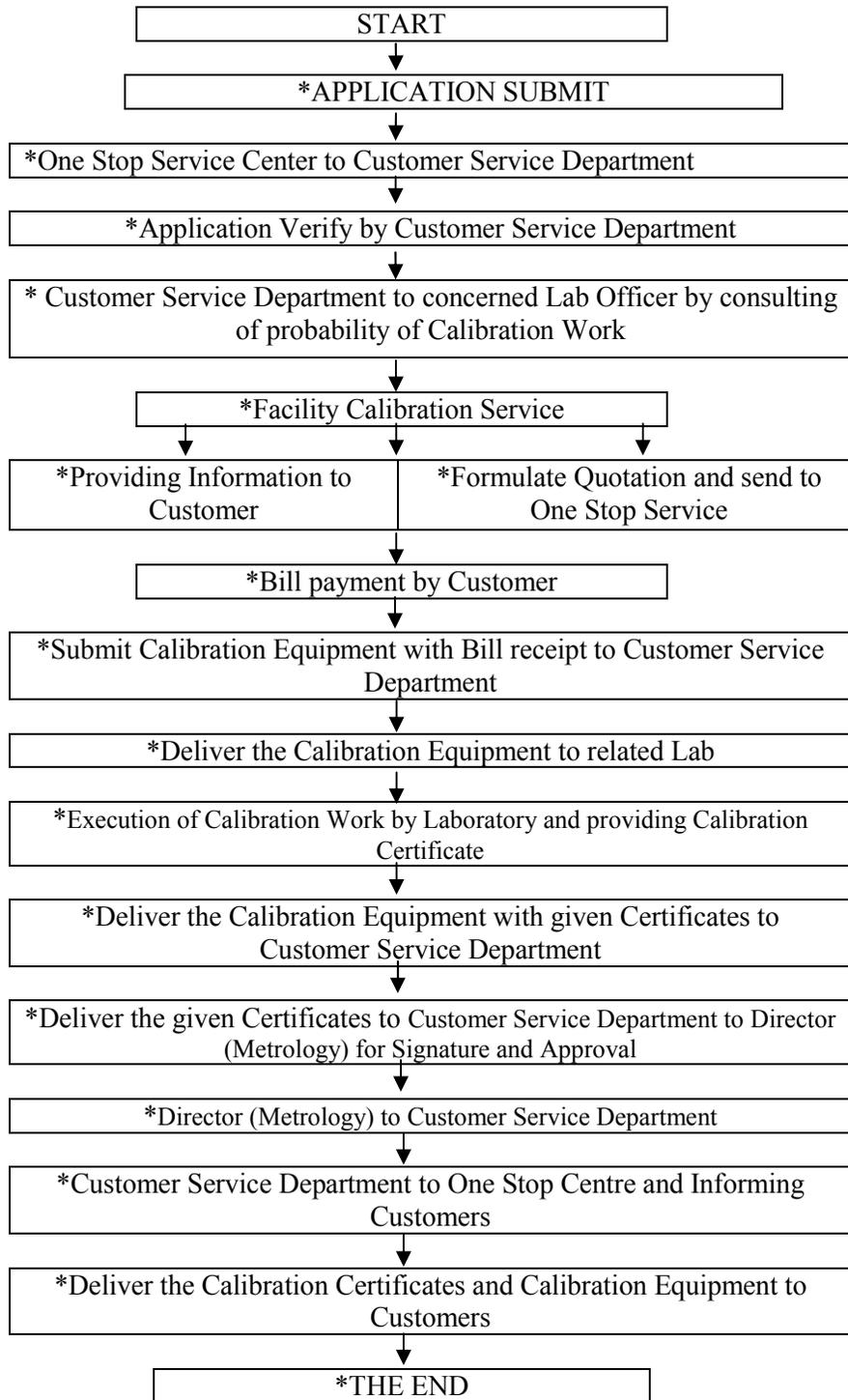
* Balance calibrations are preferably performed where the balance is used (in situ).

* Temperature installations include fridges, freezers, autoclaves, incubators, ovens and liquid baths (calibrations at customer's premises)

Membership of Regional and International Metrology Organizations

- Member of the Asia Pacific Metrology Programme (APMP)
- Associate of the General Conference of Weights and Measures.
- Signatory of the CIPM Mutual Recognition Arrangement (MRA) between National Metrology Institutes.
- Participant in SAARC Regional Metrology Activities.

8.4 Process flow chart of NML-BSTI (Metrology) Calibration Services:



8.3 Activities of Metrology Wing:

Sl. No.	Activities	2018-2019
1.	a) Licence issued/renewed in favour of manufacturers of metric weights, measures & measuring instruments	50
	b) Licence issued/renewed in favour of repairer of metric weights, measures & measuring instruments	35
	c) Licence issued/renewed in favour of Calibrator	04
	d) Licence issued/renewed in favour of distributor	565
2.	Verification and stamping of weights, measures and measuring instruments made by manufacturer :	
	a) Weights	114783
	b) Measuring instruments/beam scale	26314
	c) Liter measures	49081
3.	Verification and stamping of weights, measures and measuring instruments used in different markets and trades :	
	a) Weights	139271
	b) Measuring instruments/beam scale	45525
	c) Liter measures	38366
	d) Imported weighing instruments	142479
	e) Imported length measures	117476
4.	Jewellery	
	a) Jewellery Shop	18278
	b) Weighing instruments (Analog)	90
	c) Bullion weights	1760
	d) Digital weighing instruments	17266
5.	Verification/ Calibration in D.Units/ Oil tanks/ Tank lorries	
	a) Verification of dispensing units of petrol pumps	9037
	b) Calibration of storage/underground oil tanks	1394
	c) Calibration of petroleum tank lorries	2124
6.	Mobile courts	
	a) Mobile courts held	248
	b) Cases instituted in mobile courts	520
	c) Cases disposed	520
	d) Fine realized (Million Taka)	3.0908
7.	Squad/Special Team	
	a) Squad/special teams of BSTI operated in markets & trades	563
	b) Cases instituted in regular courts	830
	c) Cases disposed in courts	06
	d) Fine realized (Million Taka)	0.430
8.	Calibration/Re-calibration in industrial sector	
	a) Weights	581
	b) Weighing Scale	388
	c) Measuring instruments	613
9.	Registration issued/renewed in favour of package commodities	1194
10.	Revenue income (Million Taka)	66.360



Figure- 3



Figure- 4

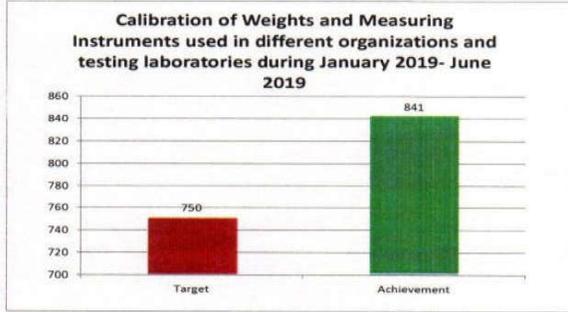


Figure- 5



Figure- 6

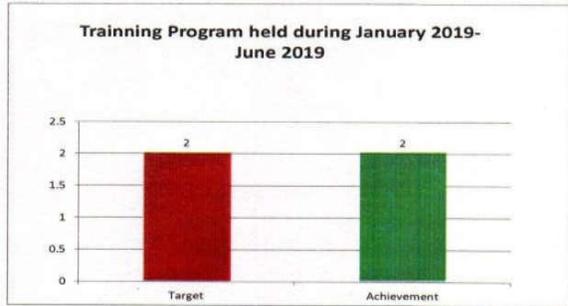


Figure- 7

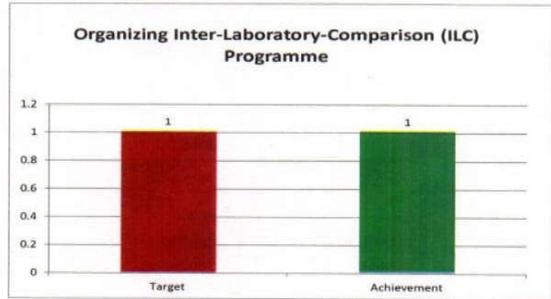


Figure- 8

Main Activities of Metrology Wing, BSTI during January 2019 to June 2019

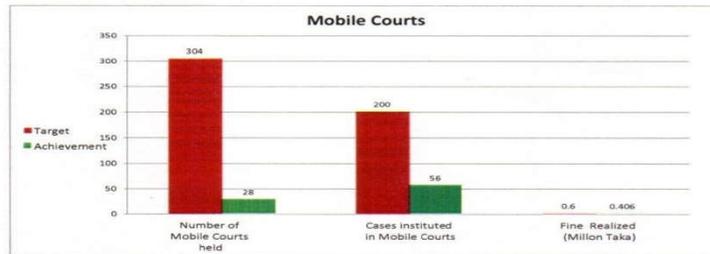


Figure- 1

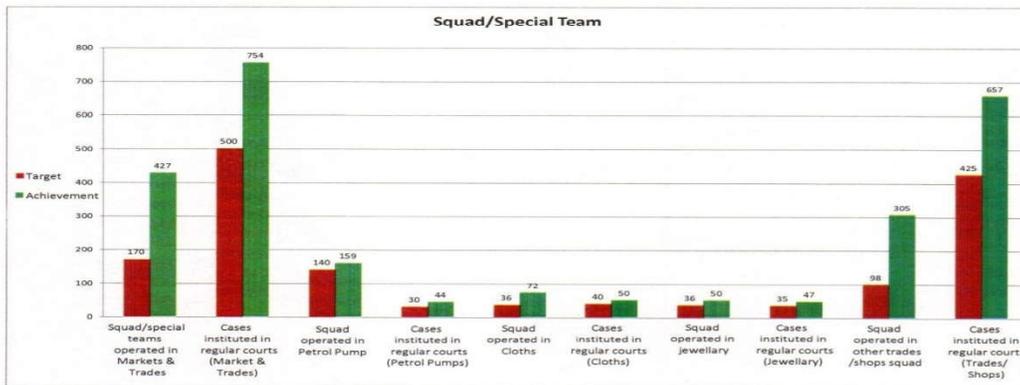


Figure- 2

9. Certification Marks Wing

The Certification Marks Wing is responsible for the promotion of quality control, ensuring compliance of products with the Bangladesh Standards and regulatory requirements, implementation of Bangladesh Standards through the National Certification Marks Scheme and certifying the quality of commodities, process, materials and products, which are produced or imported for domestic consumption and for export.

Evaluation plan of product Certification Accreditation Scheme (Based on ISO/IEC 17065:2012)

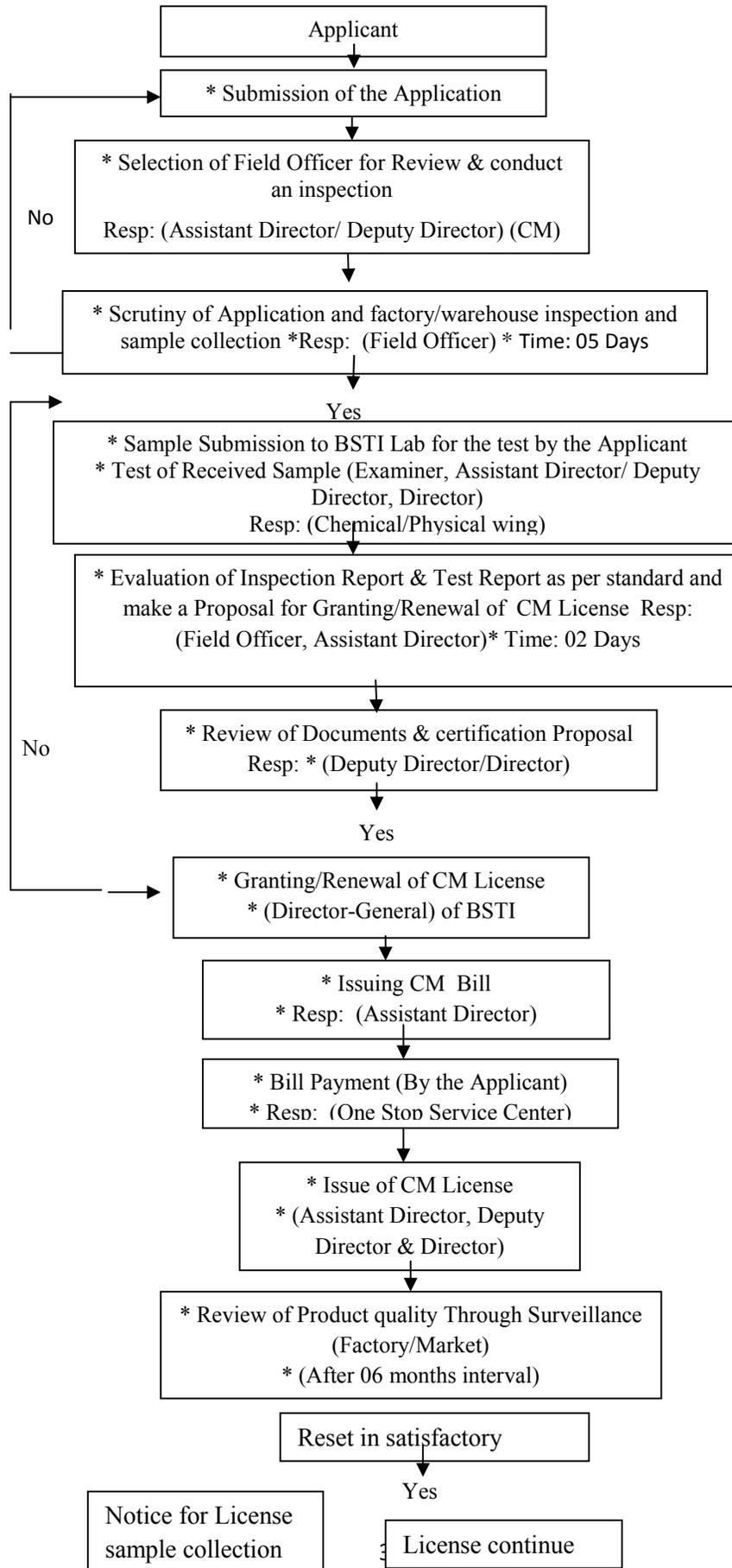
Sl. No	Certification Schedule	Category		Sub Category		Scope (Products/Process)	Evaluation Criteria	
							Technical Standards	Others Applicable Document
1	Type-5 Based on ISO/IEC 17067:2013	A	Food Manufacturing	A-I	Processing of Perishable Animal Products	1. Pasteurized Milk 2. Flavoured Milk 3. Low Fat Milk	1. BDS 1702:2002 2. BDS 1471:2012 3. BDS 1866:2013	STI for each product (Based on Standards)
				A-II	Processing of Perishable Plant Products	1. Fruit Drinks 2. Chutney	1. BDS 1581:2015 2. BDS 521:2011	
				A-III	Processing of Ambient Stable Products	1. Wafer Biscuits 2. Protein Rich Biscuits 3. Edible Jell 4. Sweetened/ Unsweetened Condensed Filled Milk 5. Fortified Edible Rice Bran Oil 6. Fortified Soyabean Oil 6. Fortified Palm Olein 7. Fortified Edible Palm Oil	1. BDS 1001:2010 2. BDS 1563:2011 3. BDS1801:2015 4. BDS 1780:2014 5. BDS 1886:2014 6. BDS1769:2014 7. BDS 1774:2014 8. BDS 1770:2014	
		B	Non-Food Manufacturing	B-I	Construction Materials and Building	1. Cement	1. BDS EN 197-1:2003	

Recognition: Bangladesh Standards and Testing Institution (BSTI) is authorized to issue Certificate of analysis on specified 21 food products for the purpose of export to India. The Certificate of Analysis issued by BSTI shall be accepted by the authorities of FSSAI are:

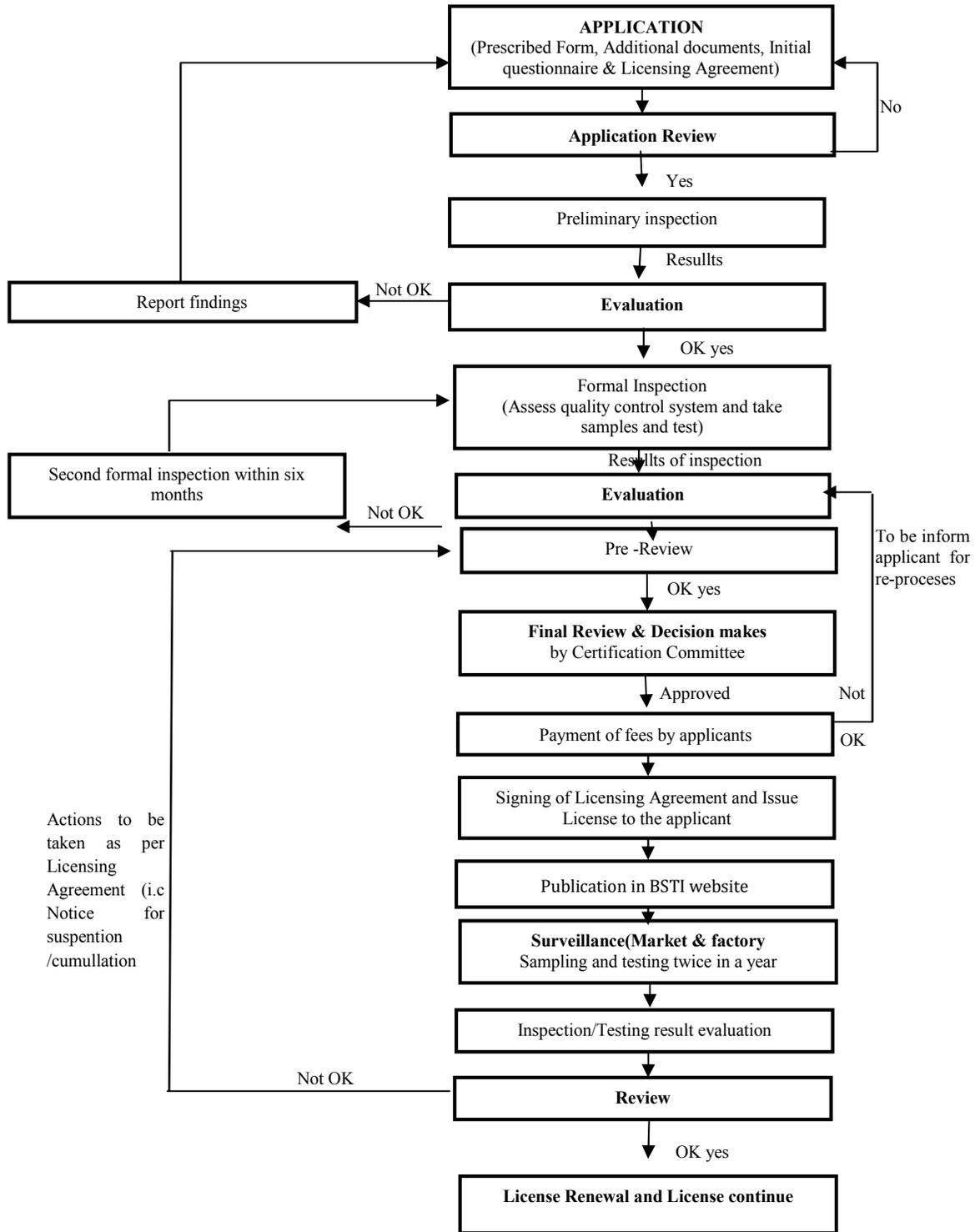
1.	Fruit Juice	8.	Sauce	15.	Water
2.	Jam	9.	Tomato Ketchup	16.	Soft Drink Powder
3.	Jelly	10.	Fruit Syrup	17.	Carbonated beverages
4.	Marmalade	11.	Fruit Squash	18.	Fruit Cordial
5.	Pickles	12.	Chanachur	19.	Edible Gel
6.	Chutney	13.	Noodles	20.	Tomato Paste
7.	Fruit Drinks	14.	Instant Noodles	21.	Biscuits

Flow chart of Certification Marks (CM) license activities for the products brought under mandatory

Certification



Process flow chart of Granting CM Certification



9.1 Activities of CM (Certification Marks) Wing:

Sl. No.	Activities	2018-2019
1	New license issued	233
2	License renewed	3089
3	Refused application for license	520
4	No. of mobile courts/ surveillance teams operated	2047 (mobile courts- 346 & surveillance team- 1701)
5	Cases instituted in mobile Courts/ surveillance teams	1201 (mobile courts- 395 & surveillance team- 806)
6	Cases disposed in mobile Courts/ surveillance teams	505 (mobile courts- 395 & surveillance team- 110)
7	Fine/Punishment (Million Taka)	42.90 (mobile courts- 41.25 & surveillance team- 1.65)
8	Revenue income (Million Taka)	727.53



Director General of BSTI Mr. Md. Muazzem Hossain is answering question regarding Mobile Court



BSTI Team seized around 4,000 unauthorized water jar from Dhaka City.

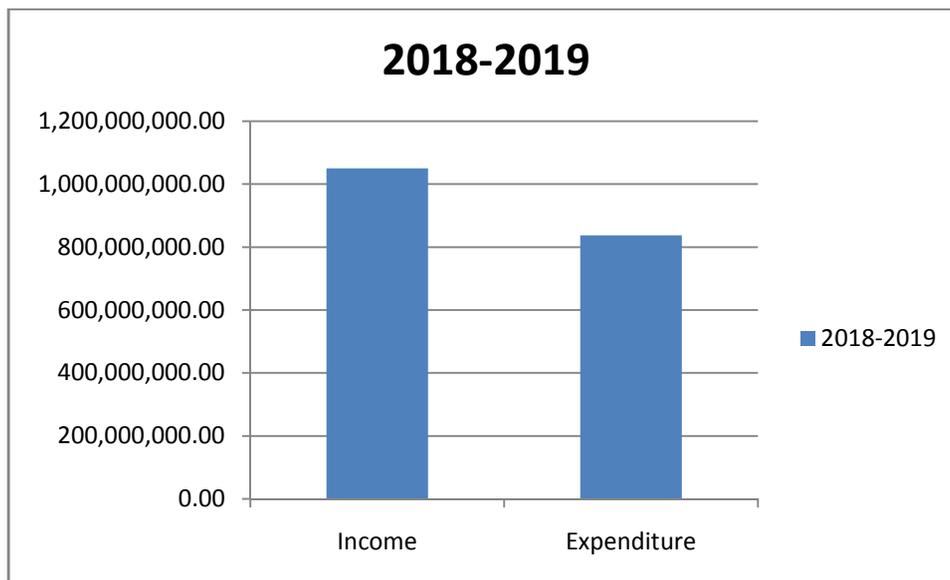
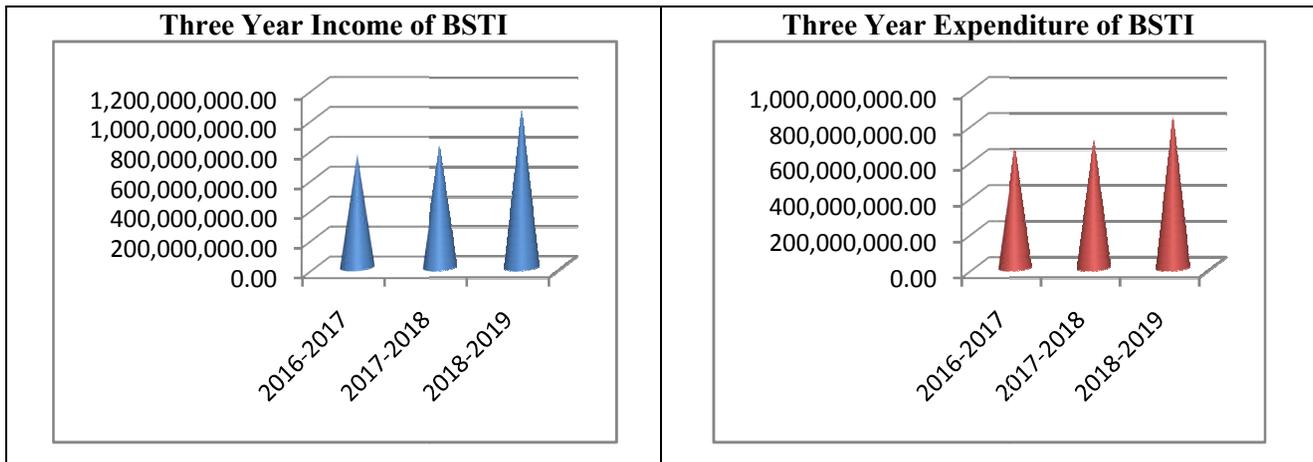
10. Administration Wing

Administration wing provides to logistic and supports services wings of BSTI. These include; appointment, promotion, personnel management, overall human resource management, training, budget preparation and maintenance of accounts, legal matters, stores & purchases and other matters related to the establishment including planning & development.

10.1 Budget

Three Year Income of BSTI	
Financial Year	Income (Tk.)
2016-2017	76,48,85,454.00
2017-2018	81,44,34,343.00
2018-2019	104,97,96,863.00

Three Year Expenditure of BSTI	
Financial Year	Expenditure (Tk.)
2016-2017	66,39,12,518.00
2017-2018	70,99,09,720.00
2018-2019	83,77,36,443.00



10.2 Audit Report

Statistics of audit objections and disposal:

(In Lac Taka)

Financial Year	Audit objections raised in the Financial year		Total Objection (with previous pending)		Disposal of Audit objections (Corresponding year)		Pending	
	Nos.	Taka	Nos.	Taka	Nos.	Taka	Nos.	Taka
1	2		3		4		5	
2016-2017								
General	11	65.72	232	2036.80	4	23.40	228	2013.40
Advance	11	575.45	55	2028.65	12	244.36	43	1874.29
Total Objection	22	641.17	287	4065.45	16	267.76	271	3797.69
2017-2018								
General	6	61.92	228	2013.40	12	38.21	222	2037.11
Advance	15	1967.53	43	1784.29			58	3751.82
Total Objection	21	2029.45	271	3797.69	12	38.21	280	5788.93
2018-2019								
General	12	1536.79	222	2037.11	15	8.54	219	3565.36
Advance	9	720.66	58	3751.82	5	829.70	62	3642.78
Total Objection	21	2257.45	280	5788.93	20	838.24	281	7208.14

10.3 Total manpower of BSTI:

Sl. No.	Manpower
Class-1	166
Class-2	200
Class-3	162
Class-4	79
Total	607

Class	Percentage
Class-1	27%
Class-2	33%
Class-3	27%
Class-4	13%

11. Service provided by Management System Certification (MSC) Cell of BSTI:



Bangladesh Standards and Testing Institution (BSTI) have conferred ISO 9001:2015 (Quality Management System), ISO 14001:2004 (Environment Management System) and ISO 22000:2005 (Food Safety Management System) certificate for ensuring international standard. BSTI Director General Mr. Md. Muazzem Hossain handed over the certificates to the company representatives.

11.1 BSTI has issued System Certificates in favour of the under mentioned Companies during 2019–2020:

Sl. No.	Description of the Certificates	Organization Name
1.	ISO 9001:2015	Development Technical Consultants Pvt. Ltd.
2.	ISO 9001:2015	Suzan Metal Industries.
3.	ISO 22000:2005	Prime Pusti Limited
4.	ISO 9001:2015	Chemito International Ltd.
5.	ISO 9001:2015	Cemix Chemicals Ltd.
6.	ISO 9001:2015	Herbs World Limited
7.	ISO 9001:2015	Ratanpur Steel Re-Rolling Mills Ltd (RSRM)
8.	ISO 9001:2015	JMI Hospital Requisite Mfg. Ltd.
9.	ISO 9001:2015	Bangladesh Indenting Agents Association
10.	ISO 9001:2015	Dream Mushroom Center (DMC)
11.	ISO 9001:2015	Jholok Speed Industries
12.	ISO 9001:2015	Guardian Network
13.	ISO 9001:2015	Integrated Power and Engineering
14.	ISO 9001:2015	Alpine Fresh Water System Ltd.
15.	ISO 9001:2015	BD Foods Ltd.
16.	ISO 22000:2005	Rigs Herbs
17.	ISO 22000:2005	A.T. Haque Ltd.

*Total number of issuing certificates from BSTI since 2010 is 59.

12. Accreditation Status of BSTI

The system of globalization has brought a revolutionary change in every sphere of human life and society and is making the world move fast towards the development of trade, commerce, industry and the quality of industrial products. Exporters need certificates from internationally recognized institutions that their products conform to the requirements for quality, safety, health and environmental impact. The United Nations Industrial Development Organization (UNIDO) extends its hands both in technical and financial terms to developing countries to develop an internationally acceptable conformity assessment system for laboratories.



Honorable Minister, Ministry of Industries Mr. Nurul Majid Mahmud Humayun handed over Accreditation Certificate awarded by BAB to Director General BSTI Mr. Md. Muazzem Hossain in the Presence of State Minister and Secretary of Ministry of Industries.

12.1 BSTI Laboratory Accreditation:

The Accreditation of BSTI Laboratories have been granted in accordance with ISO/IEC 17025:2005 in the field of Chemical, Mechanical & Biological Testing by NABL India, on March 18, 2011. Accreditation Certificate Number for Chemical, Mechanical & Biological disciplines are T-1926 T-1927 & T-1928 respectively with issue date of 18-03-2011 and valid date was 17-03-2013.

Last on-site re-assessment audit was conducted on 07-08 March, 2015 by NABL assessors. Validity of Accreditation Certification was extended to 14th June, 2017.

With the approval of authority BSTI applied to the Bangladesh Accreditation Board (BAB) for getting the accreditation for 411 parameters of 35 products. Assessors of BAB assessed the laboratories of BSTI in the field of Chemical, Mechanical & Biological Testing from 10-12 July 2017 and awarded accreditation to BSTI for 411 parameters of 35 products. The validity of Accreditation Certification is up to 30 December, 2020.

Total Accredited products: 35 Nos.

Chemical division - 30 & Physical division- 5

Accredited products of Chemical Testing Laboratories are:

Biscuits, Chanachur, Noodles, Instant Noodles, Fruit Juice, Fruit Drinks, Jam, Jelly, Marmalade, Pickle, Sauce, Tomato ketchup. Chutney, Fruit squash, Fruit syrup. Fruit Cordial, Tomato paste, Edible jell. Water, Cement, M.S. Rod and Soap, Carbonated Beverages, Soft drink Powder, Soybean oil, Palm oil, Palm Olein, Rice Bran oil, Sunflower oil and Black Tea.

Total Nos. of Accredited Parameters: 411.

Chemical Testing Laboratories Parameters 292 Nos. (Bakery-46, Processed Fruits-157, Water-37, Cement-04, M.S Rod-05, Soap-11, Shampoo-01, Microbiology-10, Carbonated Beverages-01& Soft drink Powder-04, Edible Oil-10, Black Tea-06).

Accredited products of Physical Testing Laboratories are:

Cement, Steel Material (MS Rod, GI Pipe, MS Angle & MS Plate) and Textile & Garments.

Physical Testing Laboratories Parameters 119 Nos. (Cement Mechanical: 3, Steel Material (Mechanical): 7, Textile Mechanical: 40 & Textile Chemical:59).

13. Development Projects of BSTI

1. Expansion and strengthening of Bangladesh Standards & Testing Institution (BSTI) (At 5 districts) (2nd Revised).

Estimated Cost: Tk. 5182.45 Lac

Implementation :5144.50

Period: July 2011- December 2019

Source of Fund: GoB

Objectives:

- To expand and strengthen BSTI's activities all over the country with a view to ensure the improved quality products and metrology services to the people.
- To create institutional infrastructure of BSTI at district level.
- To ensure supply of quality products to the customers.

2. Establishment of Testing Facilities of Air Conditioner, Refrigerator, Electric Fan and Electric Motor in BSTI.

Estimated Cost: 1200.00 Lac

Implementation period: July 2014 - December 2018

Source of fund : GoB

Objectives:

- To increase and improve the testing activities of BSTI in the field of Electrical & Electronics products assured to the national and international level.
- To established the energy efficient product testing laboratory in BSTI.
- To established air conditioner, refrigerator, motor and fan testing laboratory in BSTI using modern technologies.

3. Establishment and Modernization of BSTI Regional Offices at Chittagong & Khulna.

Estimated Cost : Lac 28291.00 (Proposed)

Implementation

period: July 2015 - June 2021 (Proposed)

Source of fund : GoB

Objectives:

- To ensure quality products to the consumer.
- To Construct the total structure of the ten (10) storied building and finishing work up to 2nd floor including foundation for office cum laboratory building with 10(Ten) storied foundation at Chittagong and Khulna.
- To Procure modern laboratory equipment.



Ongoing 10 Storied Building Project at BSTI Chattagram and Khulna Offices.

4. New project proposals for the development of BSTI:

1. Establishment of Tire-tubes, LPG cylinders and Protective helmet testing laboratories.
2. Establishment and expansion of National Metrology Laboratory (NML) of BSTI.
3. Establishment of BSTI offices at 12 districts.
4. Establishment of the Petroleum Products Testing Laboratory.

14. International Activities

BSTI maintains liaison with almost all international and regional organizations in relation to Standards, Conformity Assessment and Metrology.

The Bangladesh Standards and Testing Institution is a full member of the International Standardization Organization (ISO) since 1974. BSTI participates in international standardization activities in all relevant subjects of interest for the country. In most cases participation is being done on-line through the internet.

BSTI is also the full member of the International Organization of Legal Metrology (OIML), of the Asia Pacific Metrology Program (APMP) and an Associate Member of International Bureau of Weights and Measures (BIPM).

The Institution participates actively in the work of the SAARC standing committee on standards, metrology, testing and quality.

The BSTI maintains relations with WTO, ITC, AFIT, Codex Alimentarius Commission, of FAO and other international and regional organizations.



Courtesy Meeting and Sharing the Activities of Standards and Metrology Institute for the Islamic Countries (SMIIC) and Bangladesh Standards and Testing Institution (BSTI). Director General of BSTI Secretary General of SMIIC share the activities of their own Institution.

10.1. WTO-TBT; National Enquiry Point

BSTI has been designated as a National Enquiry Point for Bangladesh for the World Trade Organization (WTO) Technical Barriers to Trade (TBT) Agreement since 2002. The e-mail address of the Bangladesh WTO-TBT National Enquiry Point is: baki_cm@bsti.gov.bd, arafat_cm@bsti.gov.bd

The following services/information are provided from the One Stop Service Centre:

- i) Procedures & time length for testing/calibration of samples.
- ii) Fees for sample testing / calibration.
- iii) Assurance of receiving sample testing/calibration report within the specified time.
- iv) Procedures and period required for obtaining CM license.
- v) Receiving of marking fees for CM license.
- vi) Receiving applications relating to Weights & Measures.
- vii) Procedures for calibrating an instrument/apparatus & time length
- viii) Dissemination of information/ documentation
- ix) Distribution test/calibration reports.
- x) To provide special service to SMEs and female entrepreneur.
- xi) To bring transparency through the media cell.
- xii) Selling standards and other publications.
- xiii) Delivery of test reports, CM and Metrology licenses.

11.2. Citizen Charter

To make the activities of BSTI more transparent and vibrant, a Citizen Charter has been introduced. The time frame of activities of BSTI's Certification Marks, Metrology, Physical and Chemical Testing wing and the rate of the required fees to get these services have been listed specifically in the citizen charter. The BSTI authority has taken decisive steps to implement the citizen charter.

11.3. BSTI website

BSTI has established a well-developed, dynamic web site at www.bsti.gov.bd A LAN has also been established in the BSTI for the implementation of e-governance.

15. Public Service Information

11.1. One Stop Service Centre

The objective of One Stop Service Centre is to provide quick services within the stipulated time according to citizen charter, through extending BSTI's activities to the concerned producers, importers and distributors of various products/items that need to undergo testing for the issuing of a CM license. As such, BSTI has started a One Stop Service Centre as part of fulfilling its commitment for rendering better service to the people. It also facilitates the services of calibration of instrument/apparatus.

At present, BSTI is providing the following e-services:

List of 181 mandatory items with BDS no. have been furnished on the Website.

Govt. has made 55 imported products compulsory in the import policy 2015-2018 for which BSTI's certification is essential list of those 55 items with BDS no. have also been furnished on the Website.

For creating awareness among the public regarding the role and responsibility of BSTI, a Complaint Box has been included in the BSTI Website. Anyone can submit his/her complaint or Opinion about the activities of BSTI.

An On-line Application Form for the Certification Marks (CM) license has been included in the BSTI website.

BSTI has introduced a Citizen Charter on the BSTI website to make the activities of BSTI more transparent and vibrant. Manufacturers, importers, buyers, consumers and others have been receiving services as per citizen charter.



BSTI always trying to give a better service by its one stop service center

16. Procurement Process in BSTI

There are 3 types of committee are working in the procurement process as per PPR-2008

1. Spot Estimation Committee
2. Permanent Estimation Committee
3. Nilam Committee

1. Spot Estimation Committee

- DG can approve Tk 15,000/- in one demand/week Approve Tk 10,000/- or less in more the one demand/week in purchase, printing or maintenance work.
- This committee also procures by Direct Procurement (DP) method in some special case where only one supplier or govt. organization are worked as a buyer.
- According to PPR-2008 (Amendment 2009-2013) section 76(1) in emergency case authority can approve Tk. 1(One) Lakh for each case and maximum approve 5(five) Lakh in due to pre approval .

2. Permanent Estimation Committee

This Committee follow the Bangladesh Govt. PPR-2008 rule in their tendering process:

- i) OTM (Open Tender Method): Tender call by newspaper advertisement
- ii) RFQ (Request for Quotation): Rate call by quotation advertisement
- iii) QCBS (Quality Cost Based Selection) Method for service procurement.

i) Open Tender Method (OTM):

Procurement limit: According to follow the proper authorities procuring entity can adopt full financial power.

OTM Process:

- a) Demanding section give the requisition to Administration Wing by proper channel.
- b) According to demand, Permanent Estimation Committee prepares the specification and estimate rate to follow the present market price and forward to the authority for approval.
- c) After the approval of authority (DG), tender call by newspaper advertisement.
- d) BSTI Tender Opening Committee received all tender schedule opened and proper signed;
- e) Examine and evaluated by tender evaluation committee;
- f) Recommend responsive lowest tenderer along with comparative statements;
- g) Approve contract award and give contract award to responsive lowest tenderer;
- h) According to contract award/work order, permanent Receiving Committee receive/accept the work/purchase and recommend to give the bill;
- i) After recommendation of Receiving Committee and Internal Audit & Accounts authority sanction the bill of suppliers.

ii) Request for Quotation (RFQ):

Financial Limit: According to PPR-2008 rule no. 69(1) 6(ka) (Gha)a and (Section-2).

Sl. No.	Types of Budget	Goods and Services Financial Limit	Work or Physical Services Financial Limit
1.	Revenue	Up to tk. 3 lac in each item and not more than tk. 15 lac in every year	Up to tk. 6 lac in each item and not more than tk. 25 lac in every year
2.	Development	Up to tk. 5 lac in each item and not more than tk. 30 lac in every year	Up to tk. 10 lac in each item and not more than tk. 60 lac in every year

Process:

The Request for Quotation (RFQ) Method is same as OTM but different in advertisement policy. In RFQ price/rate calling by quotation advertisement instead of newspaper

1. Auction Procedure:

- Nilam committee selling the old newspaper, broken machinery parts and other old unused materials.
- They estimate the price of the old accessories for Nilam.
- After estimation the committee call the bidder in open competition for their given price and give the work order to the highest bidder
- Accounts taking cash and giving receipt to the supplier.

e-Tendering:

- Now a days –BSTI initiate e-Tendering Process, we already complete the server setting e-GP system. We hope within few months, we start our procurement by e-Tendering process.

Important Events Organized by BSTI (2018-2019)

World Standards Day 2018:



BSTI Organized a Seminar on World Standards Day. Honorable Industry Minister Mr. Amir Hossain Amu, m.p. was present as Chief Guest the Programme.

World Metrology Day 2019:



Bangladesh Standards and Testing Institution (BSTI) organized a seminar on the World Metrology Day-2019 at BSTI head office. In the seminar Mr. Nurul Majid Mahmud Huhayun, m.p honorable minister, ministry of industries (chief guest of the seminar); Mr. Kamal Ahmed Majumder, m.p, State Minister and Mr. Md. Abdul Halim, secretary, ministry of industries were present at the seminar as special guest. Mr Md. Muazzem Hossain, Director General of BSTI was the chairperson of the seminar.

Signing of Annual Performance Agreement (APA):



Signing of Annual Performance Agreement (APA) 2019-2020 Between Secretary of Ministry of Industries Mr. Md. Abdul Halim and Director General of BSTI Mr. Md. Muazzem Hossain.

Secretary of Ministry of Industries Visits BSTI:



Secretary of Ministry of Industries Visits BSTI and Conferences with BSTI High Officials.

Ministry Press Briefing on Ramadan:



Press Briefing Regarding Special Anti Adulteration drives by BSTI on Holy Month of Ramadan at Ministry of Industries.

Orientation Programme:



Secretary, Ministry of Industries is Delivering his Speech on Ending Ceremony of Newly Recruited Officer's Orientation Course.

Training and Workshop Programme Organized by BSTI:



BSTI Director General Mr. Md. Muazzem Hossain Presided Over a Discussion Meeting on Vitamin A Enriched Soybean Oil.



BSTI Director General Mr. Md. Muazzem Hossain Presided Over the Workshop on Role of Producers to Ensure Safe Drinking Water (In Jar) in the Market.



Ministry of Industries Organized a Workshop at BSTI Conference Hall in the Presence of Secretary of Ministry of Industries.



BSTI Director General Md. Muazzem Hossain was Present as a Chief Guest at IRCA Certified ISO 9001:2015 Auditor/Lead Auditor Training Programme in BSTI Conference Room.



BSTI Organized a Workshop on Bangladesh Standards on Battery at its Conference Room.



BSTI Organized a Mass Awareness Seminar on 'Energy Efficient Star Label Products'. BSTI Director General Mr. Md Muazzem Hossain was Present as Chief Guest the Seminar. Joint Chief of Ministry of Industries was also Present as Special Guest.

BSTI Participation in National Events:



BSTI Observed Independent Day on 26 March, 2019 at BSTI Staff Quarter in Mohakhali. Secretary of Ministry of Industries were Present as Chief Guest and Director General of BSTI were Presided Over this Celebration.



BSTI Participation at 1st Shilpa Mela, 2019



BSTI Participation at Nirapod Khaddo Mela



Participation at Unnayan Mela-2018

Part-2

BSTI Activities at a Glance (July 2018- June 2019)

1. Training and Visit including foreign visits

A large number of officers of BSTI have been imparted from abroad during the period 2018-2019 with financial support of UNIDO, UNDP, ISO, SIS, SIDA, FAO/WHO, PTB and Commonwealth Technical fund. International experts were invited to train BSTI officials. The BSTI experts also attended meetings, seminars and workshops held at home and abroad and contributed to developing regional and international cooperation. The details of the training received by BSTI officials are given below:

01. Office of the Director General:

Sl. No.	Name & Designation of the officers	Name of the Training/Activities	Country	Duration		Remarks (Source of Expenditure)
				From	To	
1	2	3	4	5	6	7
01.	Mr. Sardar Abul Kalam Director General	01. Participate in the Fifth Meeting of the Technical Management Board (TMB) of SARSO and Sixth Meeting of the Governing Board (GB) of SARSO.	India	07-03-2018 and 08-03-2018	07-03-2018 and 09-0-2018	BSTI
		02. Participate in the Selection of the Post of Director General of SARSO.	India	28-05-2018	28-05-2018	SARSO

02. Administration Wing:

Sl. No.	Name & Designation of the officers	Name of the Training/Activities	Country	Duration		Remarks (Source of Expenditure)
				From	To	
1	2	3	4	5	6	7
01	Md. Khalilur Rahman Director	1. Participate in the "Study Tour".	Cairo, Egypt	21-06-2018	24-06-2018	CML Project BSTI

03. Physical Testing Wing :

Sl. No.	Name & Designation of the officers	Name of the Training/Activities	Country	Duration		Remarks (Source of Expenditure)
				From	To	
1	2	3	4	5	6	7
01	01(One)	Total Quality Management and ISO 9001:2015/14001/22000/27000 and Six Sigma (TQM)	India	12-11-18	21-11-18	ITEC, India
02	10(Ten)	In House Training Programme on ISO 14001:2015 Lead Auditor Course (Participated)	Bangladesh	16-06-19	20-06-19	Bureau Veritas (Bangladesh) Private Limited, Dhaka.
03.	01(One)	Development Project Processing Management	Bangladesh	20-01-19 23-01-19	21-01-19 24-01-19	Planning Commission
04.	02(Two)	Training of Trainer(ToT) on Net Metering Guideline-2018	Bangladesh	11-03-19	13-03-19	SREDA

04. Chemical Testing Wing:

Sl. No.	Name & Designation of the officers	Name of the Training/Activities	Country	Duration		Remarks (Source of Expenditure)
				From	To	
1	2	3	4	5	6	7
1.	Pankaj Kumar Kundu Director	'Training on Testing of Fortified Rice Kernel (FRK)'	India	25-02-19	02-03-19	NUTRITION INTERNATIONAL
2.	Md. Shahed Reza Senior Examiner	'Training on Testing of Fortified Rice Kernel (FRK)'	India	25-02-19	02-03-19	NUTRITION INTERNATIONAL
3.	Mst. Nazneen Akter Senior Examiner	'Training on Total Quality Management and ISO 9001:2015/14001/22000/27000 and Six Sigma (TQM)'	India	12-11-18	21-12-18	Govt. of India

05. Metrology Wing:

Sl. No.	Name & Designation of the officers	Name of the Training/Activities	Country	Duration		Remarks (Source of Expenditure)
				From	To	
1	2	3	4	5	6	7
01	Md. Anwar Hossain Molla Director	"APMP-DEC Mid Year Meeting" Hongkong,	China	03-07-18	06-07-18	APMP-DEC
		Capacity Building is Technical and Scientific Organization Using Regional Experiences and Knowledge (CABUREK)	Thailand	29-10-18	02-11-18	PTB
		"APMP General Assembly & Related Meetings"	Singapore	20-11-18	30-11-18	APMP-DEC
		"SAARC PTB Workshop on Best practice in Metrology Law Development"	Bhutan	12-06-19	13-06-19	PTB
		"APMP Mid-year Developing Economies committee(DEC) Meeting and activities"	Philippines	17-06-19	21-06-19	APMP-DEC
02	Md. Khairul Islam Dputy Director BSTI, Regional Office, Rajshahi	Capacity Building is Technical and Scientific Organization Using Regional Experiences and Knowledge (CABUREK)	Sri Lanka			PTB
		Do	Thailand	29-10-18	02-11-18	PTB
03	Md. Saidur Sr. Examiner	Do	Sri Lanka			PTB

Part- 3
Right to Information (RTI)

1. Right to Information (RTI) and Designated Officers

To Implement information disclosure policy according to Information Right Act-2009 BSTI assign designated officers of its Head Quarter and Regional offices. Name, designation and address of the designated officers are given below:

Sl. No.	Name of Designated Officers and Offices	Address	Telephone/Mobile/E-mail
01.	Mr. Md. Reazul Haque Deputy Director (CM) BSTI Head Office , Dhaka	Maan Bhaban 116-A, Tejgaon I/A Dhaka-1208	Tel: 02-9131582 Mob: 01915479553 Email : reazul112@yahoo.com
02.	Mr. Md. Khairul Islam Deputy Director (Met.) Rajshahi	BSTI Regional Office, Rajshahi Bipass Road, Nawdapara, Sapuura, Rajshahi	Tel: 0721-861398 Mob:01712265968 Email :rajshahi@bsti.gov.bd
03.	Mr. Md. Shafiullah Khan Deputy Director (Met.) Syllhet	BSTI Regional Office, Sylhet BSCIC Industrial Park Khadimnagar, Syllhet	Tel: 0821-2870935 Mob: 01819244511 Email: mskhan_bablu@yahoo.com
04.	Mr. Gazi Md. Nurul Islam Deputy Director (Chemical) Chattagram	BSTI Regional Office, Chattagram Jamburi Ground, Agrabad, Chittagong	Tel: 031-721137 Mob: 01711348168 Email: gazibsti@yahoo.com
05.	Mr. Md. Rezaul Haque Deputy Director (Met.) DMI, Dhaka	DMI 116-A, Tejgaon I/A Dhaka-1208	Tel: 02-8870300 Mob: 01711282321 Email :dmi_bsti@yahoo.com
06.	Mr. Saudagor Shamim Faruque Deputy Director (Chemical) Khulna	BSTI Regional Office, Khulna 62, Old Jessore road Khalishpur, Khulna	Tel: 041-761542 Mob: 01672783314 Email: ssfaruquebsti@gmail.com
07.	Mr. Md. Abdul Hannan Assistant Director (Met.) Barishal	BSTI Regional Office, Barishal BSCIC Industrial Park Kaunia, Barishal	Tel: 0431-65176 Mob: 01712685018 Email : bstibarisal@gmail.com

1.1 Appellate Authority:

BSTI is an Autonomous Body. The Director General of BSTI is the chief executive of the institution. The appellate authority of BSTI is given below:

Name of office	Appellate Authority	Address Appellate Authority
BSTI Head Office, Dhaka and its Divisional offices; Dhaka/Chittagong/Rajshahi/ Khulna/Barisal and Sylhet.	Director General BSTI	Maan Bhaban 116-A, Tejgaon I/A Dhaka-1208

1.2 RTI Activities in July 2018- June 2019 (Comparative Figure with Previous Two Years)

SL. No.	Financial Year	Name of the Authority	Number of Application for Information	Number of Information Provided	Number of Appeals Filed	Number of Complaints Submitted	Amount of Cost Information Realized from Providing Information	Action Taken Against Designated Officer for Net Providing Information
1.	2016-2017	BSTI	05	05	Not Applicable	No Complain	No Cost Charge	Not applicable
2.	2017-2018	BSTI	02	02	01	01	4/-	Dismissed by Information Commission
3.	2018-2019	BSTI	13	13	Not Applicable	Not Applicable	No Cost Charge	Not applicable

Part- 4

List of 181 and 54 Products Brought Under Mandatory Certification Marks Scheme

List of 181 Products Brought Under Mandatory Certification Marks Scheme:

A. Agricultural and Food Products (76 Items):

Sl.	Name of the products	Standards No.
1.	Plywood Tea-Chest	BDS 18:2006 (2 nd Revision)
2.	Mustard Oil	BDS 25:2015 (2 nd Revision)
3.	Refined Sugar	BDS 138: 2006 (2 nd Revision) Amendment 1: 2008
4.	Suji (Semolina)	BDS 190:2016 (2 nd Revision)
5.	Poultry Feeds	BDS 233:2015 (2 nd Revision)
6.	Wheat Atta	BDS 380:2007 (2 nd Revision)
7.	Maida	BDS 381:2007 (3 rd Revision)
8.	Bread	BDS 382:2016 (3 rd Revision) Amendment 1: 2018
9.	Biscuits	BDS 383:2001(2 nd Revision)
10.	Macaroni, Spaghetti and vermicelli	BDS 384:2017 (2 nd Revision)
11.	Lozenges	BDS 490:2014 (3 rd Revision)
12.	Canned and Bottled Fruits	BDS 503:2006 (1 st Revision)
13.	Fruit Squashes	BDS 506 :2002 (2 nd Revision)
14.	Fruit Cordial	BDS 508:2006 (2 nd Revision)
15.	Sauce (Fruits or Vegetables)	BDS 512:2017 (1 st Revision)
16.	Fruits and Vegetables Juices	BDS 513:2013 (3 rd Revision)
17.	Tomato Paste	BDS 517:2015 (3 rd Revision)
18.	Fermented Vinegar	BDS 523:2015 (2 nd Revision)
19.	Concentrated Fruit Juice	BDS 527:2015 (2 nd Revision)
20.	Fruit Syrup	BDS 528:2006 (2 nd Revision) Amendment 1:2017
21.	Tomato Ketchup	BDS 530:2002 (2 nd Revision)
22.	a)Soluble Coffee Powder b)Roasted and Ground Coffee c) Roasted Coffee Chicory Powder	BDS 763:2016 (2 nd Revision) BDS 805:2016 (1 st Revision) BDS 806:2016 (1 st Revision)
23.	Plywood for General Purposes	BDS 799: 2006 (2 nd Revision)
24.	Banaspati	BDS 804:2011 (2 nd Revision)
25.	Butter Oil and Ghee	BDS 908: 2012 (2 nd Revision)
26.	Turmeric Powder	BDS 991: 2001 (1 st Revision)
27.	Wheat Bran	BDS 997:2006 (1 st Revision)
28.	Toffees	BDS 1000:2001 (1 st Revision)
29.	Chilies, Whole and Ground	BDS 1017:2001 (1 st Revision)
30.	Safety Matches in Boxes	BDS 1040:2006 (1 st Revision)
31.	Ice Cream	BDS 1083:2006 (1 st Revision)
32.	Coriander Powder	BDS 1084:2015 (1 st Revision)
33.	Mosquito Coils	BDS 1089: 2018 (3 rd Revision)
34.	Noodles	BDS 1106:2015 (2 nd Revision)
35.	Carbonated Beverages	BDS 1123:2013 (3 rd Revision)
36.	Malathion 57% (w/v) (Emulsifiable Concentrate)	BDS 1179: 2001(1 st Revision)
37.	Curry Powder	BDS 1205: 2013 (2 nd Revision)
38.	Iodized Salt	BDS 1236:2001 (1 st Revision), Amendment 1: 2007
39.	Drinking Water	BDS 1240:2001 (1 st Revision)
40.	Natural Mineral Water	BDS 1414:2000 (1 st Revision)
41.	Lassi (Yoghurt Drink)	BDS 1470:2015 (1 st Revision)

42.	Chewing Gum, Ball Gum and Bubble Gum	BDS 1498:2012 (1 st Revision)
43.	Instant Noodles	BDS 1552:2015 (2 nd Revision)
44.	Chips/Crackers	BDS 1556:2017(1 st Revision)
45.	Chanachur	BDS 1564:2016 (1 st Revision)
46.	Cakes	BDS 1574: 2012 (2 nd Revision)
47.	Soft Drink Powder	BDS 1586:2007 (1 st Revision)
48.	Lachsa Semai	BDS 1620:2000
49.	Pasteurized Milk	BDS 1702:2002
50.	Fortified Soybean Oil	BDS 1769:2014 (1 st Revision)
51.	Fortified Edible Palm Oil	BDS 1770:2014 (1 st Revision)
52.	Fortified Edible Sunflower Oil	BDS 1773:2016 (1 st Revision)
53.	Fortified Palm Olein	BDS 1774:2006 Amendment 1:2014
54.	Sweetend/Unsweetend Condensed Filled Milk	BDS 1780:2014 (1 st Revision)
55.	Muri (Puffed Rice)	BDS 1796:2008
56.	Edible Jell	BDS 1801:2015 Amendment 1:2018
57.	Cumin Powder	BDS 1807:2008
58.	Fortified Edible Rice Bran Oil	BDS 1886:2014
59.	Fish Feed	BDS 1915:2016
60.	Dextrose Monohydrate	BDS CAC 8:2007
61.	Liquid Glucose (Glucose Syrup)	BDS CAC 9:2006
62.	Honey	BDS CAC 12:2007
63.	Canned Pineapple	BDS CAC 42:2007
64.	Infant Formula and Formulas for Special Medical Purposes Intended for Infants	BDS CAC-72: 2008
65.	Processed Cereal Based Food for Infants and Young Children	BDS CAC 74:2007
66.	Chocolate	BDS CAC 87:2008
67.	Follow-up Formula	BDS CAC 156:2008 Amendment 1:2009
68.	Milk Powders and Cream Powder	BDS CAC 207: 2008 Amendment 1:2009
69.	Sugar	BDS CAC 212:2006
70.	Fermented Milk	BDS CAC 243 : 2015
71.	Pickled Fruits and Vegetables	BDS CAC 260:2014
72.	Jams, Jellies and Marmalades	BDS CAC 296:2014
73.	Butter	BDS CAC-A-1:2002
74.	Condensed Milk and Condensed Skim Milk	BDS CAC A-4:2002
75.	Black Tea Definition and Basic Requirements	BDS ISO 3720:2017
76.	Instant Tea in Solid Form	BDS ISO 6079:2015

B. Chemical Products (46 items):

Sl.	Name of the products	Standard No.
77.	Laundry Soaps	BDS 12:1991 (2 nd Revision) Reaffirmed 2014
78.	Toilet Soap	BDS 13:2006 (3 rd Revision) Amendment 1: 2008
79.	Coal Tar Black Paint (Alquatra)	BDS 69 (part-2):1991 Amendment 1:2006
80.	Stamp Pad Ink	BDS 90: 2011 (2 nd Revision)
81.	Coconut Oil	BDS 99:2007 (2 nd Revision)
82.	Aluminium Sulphate, Non Ferric	BDS 149:2014 (2 nd Revision)
83.	Triple Super Phosphate (T.S.P.)	BDS 216:1991 (1 st Revision) Amend. 1,2: 2007
84.	Urea (Fertilizer)	BDS 217: 2011 (2 nd Revision)
85.	Pencils	BDS 330:1993 (1 st Revision) Amendment 1 :2006
86.	Sole Leather (Vegetable Tanned)	BDS 340: 2012 (2 nd Revision)
87.	Internal Combustion Engine Crankcase Oils (Diesel and Gasoline)	BDS 343:2012 (1 st Revision)
88.	High Speed Diesel	BDS 344:2016 (2 nd Revision)
89.	Unleaded Motor Gasoline-Premium`	BDS 346:2010 (4 th Revision)
90.	Unleaded Motor Gasoline-Regular	BDS 347: 2010 (4 th Revision)
91.	Ready Mixed Paint, Brushing, Finishing Semi Gloss for General Purpose.	BDS 402:1989 (1 st Revision) Amendment 1,2:2007
92.	Writing and Printing Papers	BDS 405: 2012 (2 nd Revision)
93.	Carbon Paper for Type Writer	BDS 411:1989 (1 st Revision) Amendment 1: 2006
94.	Ceramic Tableware	BDS 485:2000 (2 nd Revision) Amendment 3:2006
95.	Newsprint	BDS 845:2012 (2 nd Revision)
96.	Shoe Polish, Paste	BDS 1006:1981 Amend 1:2006
97.	Tooth Paste	BDS 1216: 2012 (2 nd Revision)
98.	Shaving Cream	BDS 1241:2017 (1 st Revision)
99.	Shampoo Surfactant Based	BDS 1269:2014 (2 nd Revision)
100.	Skin Powders	BDS 1337:2015 (1 st Revision)
101.	Hair Oils	BDS 1339:2018
102.	Tooth Powder	BDS 1370:2017 (1 st Revision)
103.	Skin Creams	BDS 1382: 2015 (2 nd Revision)
104.	Ball Point Pens	BDS 1384:2002 (1 st Revision)
105.	Enamel Synthetic Exterior- (a) Undercoating (b) Finishing	BDS 1423:2018 (1 st Revision)
106.	Lipstick	BDS 1424:1993, Amendment 2:2006
107.	Tableware Made of Melamine Moulding Compound	BDS 1425:2009 (1 st Revision)
108.	Synthetic Detergent Powder	BDS 1445:2003 (1 st Revision)
109.	After Shave Lotion	BDS 1524:2006 (1 st Revision)
110.	Diammonium Phosphate	BDS 1628:2000
111.	Cement Paints	BDS 1706:2015 (1 st Revision)
112.	Facial Tissue Paper	BDS 1723:2003
113.	Toilet Tissue Paper	BDS 1745:2006
114.	Baby Oil	BDS 1766:2006
115.	Baby Toilet Soap	BDS 1798:2008
116.	Tableware Made of Urea Moulding Compound	BDS 1825:2011 (1 st Revision)

117.	Emulsion Paint	BDS 1827:2018 (1 st Revision)
118.	Economy Emulsion Paint (Distemper)	BDS 1833:2018 (1 st Revision)
119.	Skin Powder for Babies	BDS 1844:2011
120.	Skin Creams and Lotions for Babies	BDS 1858:2012
121.	Baby Shampoo	BDS 1884:2014
122.	Skin Lotions	BDS 1923:2016

C. Engineering Products (19 items):

Sl.	Name of the products	Standards No.
123.	Common Building Clay Bricks	BDS 208:2009 (3 rd Revision)
124.	Safety Razor Blades	BDS 219:2002
125.	Portable Fire Extinguisher	BDS 825:1991(1 st Revision) Reaff. 2007
126.	Bi-cycle Rim	BDS 986:2006 (1 st Revision)
127.	Mild Steel Pipe and G.I. Pipe	BDS 1031:2006 (1 st Revision)
128.	G P Sheet (with Corrugation)	BDS 1122:1987 Reaffirmed 2007
129.	Protective Helmets for Scooter & Motor Cycle Riders	BDS 1136:1986 Reaffirmed 2007
130.	Sanitary Ware Appliances	BDS 1162:2014 (3 rd Revision)
131.	Household Refrigerators/Freezers	BDS 1849:2012
132.	Airconditioners	BDS 1852:2012
133.	Pipes and Fittings Made of Unplasticized Polyvinyl Chloride (PVC-U) used for Potable Water Supply.	BDS 1878:2015
134.	Extruded Profiles of Aluminum and Aluminum Alloys	BDS 1879: 2014
135.	Steel for the Re-enforcement of Concrete (Part-1 and Part-2)	BDS ISO 6935-1:2012 BDS ISO 6935-2:2016
136.	Continuous hot-dip aluminium/zinc Coated Steel Sheet of Commercial, Drawing and Structural Qualities	BDS ISO 9364:2011
137.	(1) Refillable Welded Steel Gas cylinders Test pressure and below	BDS ISO 4706:2008
	(2) Refillable seamless aluminum alloy gas cylinders- Design, construction and testing	BDS ISO 7866:2008
	(3) Refillable seamless steel gas cylinders- Design, construction and testing	
	Part 1: Quenched and tempered steel cylinders with tensils strength less than 1100 MPa	BDS ISO 9809-1:2008
	Part 2: Quenched and tempered steel cylinders with tensils strength greater than or equal to1100 MPa	BDS ISO 9809-2:2008
	Part 3 :Normalize steel cylinders	BDS ISO 9809-3:2008
138.	Ceramic Tiles- Definitions, Classifications Characteristics & Marking	BDS ISO 13006:2015
139.	Cement- Part :1 Composition, Specifications and Conformity Criteria for Common Cement	BDS EN 197-1:2003 Reaffirmed 2010

140.	Sanitary Tap Ware-Single Taps and Combination Taps for Water Supply Systems of Type 1 and Type 2-General Technical Specification	BDS EN 200:2009
141.	Bitumen and Bituminous Binders-Specification for Paving Grade Bitumen	BDS EN 12591:2009
	Bitumen and Bituminous Binders-Framework for Specifying Cationic Bituminous Emulsions	BDS EN 13808:2009

D. Jute and Textile Products (12 items):

Sl.	Name of the products	Standards No.
142.	Poplin Fabric	BDS 32:2011 (3 rd Revision)
143.	Cotton Sewing Thread	BDS 33:1989 (1 st Revision), Reaffirmed 2005
144.	Cotton Canvas	BDS 319:2005 (3 rd Revision)
145.	Umbrella Cloth	BDS 1125:2005 (1 st Revision)
146.	Polyester Blend Shirting (Market varieties)	BDS 1148:2011 (2 nd Revision)
147.	Polyester Blend Suiting	BDS 1175:2011 (2 nd Revision)
148.	Rubber Flat Transmission Belting of Textile Construction for General Uses	BDS 1199:2005 (1 st Revision)
149.	Rubber Conveyor and Elevator Belting of Ply Construction. Part-1 for General Use.	BDS 1200 (Part-1):2005 (1 st Revision)
150.	Industrial Sewing Threads Made Wholly or Partly from Synthetic Fibres	BDS 1221:2011 (3 rd Revision)
151.	Sanitary Towels/Napkins	BDS 1261:2016 (1 st Revision)
152.	Textiles-Colour Fastness Ratings-Specification	BDS 1758:2006
153.	Textiles – Tests for Colour Fastness- Part E11: Colour Fastness to Steaming	BDS ISO 105- E11:2004

E. Electrical and Electronics Products (28 items):

Sl.	Name of the products	Standards No.
154.	Tungsten Filament Lamps for Domestic and Similar General Lighting Purposes – Performance Requirements	BDS 17:2006 (3 rd revision)
155.	Ceiling Roses	BDS 116:2006 (2 nd revision)
156.	Lead Acid Starter Batteries: (a) Part-1 General Requirements and Methods of Test (b) Part-2 Dimensions of Batteries and Dimension and Marking of Terminals (c) Part-3 Dimension of Batteries for Heavy Commercial Vehicles	BDS 206 (Part-1):2002 (2 nd revision) BDS 206 (Part-2):2002 (2 nd revision) BDS 206 (Part-3):2002 (2 nd revision)
157.	Performance and Construction of Electric Circulating Fans and Regulators (Ceiling and Deck-head Fans, Pedestal Fans and Table/Cabin Fans with in-Built Regulators)	BDS 818: 1998 (1 st revision) Amend. 1:2006

158.	Insulated flexible cords: (a) Part-1 General requirements (b) Part-2 Requirements for rubber insulated flexible cords (c) Part-3 Requirements for PVC insulated flexible cords (d) Part-4 Flexible cords insulated with varnished glass fibre (e) Part-5 PVC insulated extensible leads (f) Part-6 Methods of test	BDS 899 (Part-1):2000 (1 st revision) BDS 899 (Part-2):2001 (1 st revision) BDS 899 (Part-3):2001 (1 st revision) Amendment 1:2009 BDS 899 (Part-4):2001 (1 st revision) BDS 899 (Part-5):2001(1 st revision) BDS 899 (Part-6):2001 (1 st revision)
159.	PVC Insulated Cables (Non Armoured for Electric Power and Lighting)	BDS 900:2010 (2 nd revision)
160.	Winding Wires: (a) Part 1 Enameled round copper winding wires (b) Part-2 Enameled rectangular copper winding wires (c) Part-3 Enameled round aluminium winding wires (d) Part-4 Enameled rectangular aluminium winding wires (e) Part-5 Test method	BDS 1034 (Part-1):2006 (1 st revision) BDS 1034 (Part-2):2006 (1 st revision) BDS 1034 (Part-3):2006 (1 st revision) BDS 1034 (Part-4):2006 (1 st revision) BDS 1034 (Part-5):2006 (1 st revision)
161.	Bare Aluminium and Aluminium Alloy Conductors for Overhead Power Transmission Aluminium Conductors Steel re-Inforced for Overhead Power Transmission	BDS 1036:2006 BDS 1037:2003 (1 st revision)
162.	Three-Phase Induction Motors	BDS 1139:1986, Amendment 1:2006
163.	Electronic Type Fan Regulators	BDS 1323:1991, Amendment 1:2006
164.	Cut-out Switches (Main Switches)	BDS 1395:1993, Reaffirmed 2005
165.	Porcelain Insulator for Overhead Power Lines with a Nominal Voltage up to and Including 1000 V	BDS 1543:2006 (1 st revision)
166.	Self-ballasted Lamps for General Lighting Services –Performance Requirements	BDS 1734:2003
167.	Energy Efficiency Rating for Self-Ballasted Lamps (Integral Type Compact Florescent Lamps)	BDS 1761:2013 (1 st revision)
168.	Double-Capped Fluorescent Lamps – Performance	BDS IEC 60081:2006
169.	Primary Batteries: (a) Part-1 General (b) Part-2 Physical and electrical specifications (c) Part-3 Watch batteries (d) Part 4 Safety of lithium batteries (e) Part-5 Safety of Batteries with aqueous electrolyte	BDS IEC 60086 (Part 1):2005 BDS IEC 60086 (Part 2):2005 BDS IEC 60086 (Part 3):2005 BDS IEC 60086 (Part 4):2005 BDS IEC 60086 (Part 5):2005
170.	Electric Irons for Household or Similar Use – Methods for Measuring Performance	BDS IEC 60311:2018

171.	Insulators for Overhead Lines with a Nominal Voltage above 1000 V (a) Part-1 Ceramic or glass insulator units for ac Systems – Definitions, Test Methods and Acceptance Criteria (b) Part-2 Insulator Strings and Insulator Sets for ac Systems – Definitions, Test Methods and Acceptance Criteria	BDS IEC 60383 (Part 1):2006 BDS IEC 60383 (Part 2):2006
172.	Power Cables with Extruded Insulation and Their Accessories for Rated Voltage from 1 kV up to 30 kV (a) Part-1 Cables for Rated Voltage of 1 kV and 3 kV (b) Part-2 Cables for Rated Voltage from 6 kV up to 30 kV (c) Part-4 Test Requirement on Accessories for Cables with Rated Voltage from 6 kV up to 30 kV	BDS IEC 60502 (Part 1):2005 BDS IEC 60502 (Part 2):2005 BDS IEC 60502 (Part 4):2005
173.	Switches for Household and Similar Fixed Electrical Installation – Part 1: General Requirements	BDS IEC 60669 (Part 1):2018
174.	Plugs and Socket-Outlets for Household and Similar Purposes– Part-1:General Requirements Part 2-1: Particular Requirements for Fused Plugs Part 2-2: Particular Requirements for Socket-Outlets for Appliances Part 2-3: Particular Requirements for Switched Socket-Outlets without Interlock for Fixed Installations Part 2-4: Particular Requirements for Plugs and Socket-Outlets for SELV Part 2-5: Particular Requirements for Adaptors Part 2-6: Particular Requirements for Switched Socket-Outlets with Interlock for Fixed Installation Part 2-7:Particular Requirements for Cord Extension Sets	BDS IEC 60884 (Part 1):2016 BDS IEC 60884 (Part 2-1):2016 BDS IEC 60884 (Part 2-2):2016 BDS IEC 60884 (Part 2-3):2016 BDS IEC 60884 (Part 2-4):2016 BDS IEC 60884 (Part 2-5):2016 BDS IEC 60884 (Part 2-6):2016 BDS IEC 60884 (Part 2-7):2016
175.	Electrical Accessories – Circuit-breakers for Overcurrent Protection for Household and Similar Installations Part-1: Circuit-breakers for AC Operation	BDS IEC 60898-1:2016
176.	Ballast for Tubular Fluorescent Lamps – Performance Requirements	BDS IEC 60921:2005
177.	Electronic Ballasts for Tubular Fluorescent Lamps – Performance Requirements	BDS IEC 60929:2005

178.	Electricity Metering Equipment (ac) – Particular Requirements – Part-11: Electromechanical Meters for Active Energy (Class 0.5, 1 and 2)	BDS IEC 62053 (Part 11):2013
179.	Electricity Metering Equipment (ac) – Particular Requirements – Part-21: Static Meters for Active Energy (classes 1 and 2)	BDS IEC 62053 (Part 21):2013
180.	Electricity Metering – Payment Systems Part: 31 Particular Requirement – Static Payment Meters for Active Energy (Classes 1 and 2)	BDS IEC 62055-31:2017
181.	Self-ballasted LED Lamps for General Lighting Services with Supply Voltage >50 V – Performance Requirements	BDS IEC 62612:2015

**List of Imported 54 Products brought under mandatory certification before
Customs clearance**

A. Food Products (23 Items):

Sl.No.	Name of the products	Standards NO.
1	Milk Powders and Cream Powder	BDS CAC 207: 2008 Amend- 1;2009
2	Fruit Cordial	BDS 508:2006 (2nd Revision)
3	Biscuit	BDS 383:2001 (2 nd Revision)
4	Sauce (Fruit & Vegetable)	BDS 512:2007 (1 st Revision)
5	Lozenges	BDS 490:2014 (3 rd Revision)
6	Tomato Ketchup	BDS 530:2002 (2 nd Revision)
7	Jams (Fruit Preserves) Jelly and Marmalade	BDS CAC: 296:2014
8	Carbonated Beverages	BDS 1123:2013 (3 rd Revision)
9	Infant Formula and Formulas for Special Medical purposes intended for Infants	BDS CAC-72: 2008
10	Fortified Soybean Oil	BDS 1769:2014 (1 st Revision)
11	Soft Drink Powder	BDS 1586:2007 (1 st Revision)
12	Sugar	BDS CAC 212:2006
13	Instant Noodles	BDS 1552:2015 (2 nd Revision)
14	Fruit or vegetable Juice	BDS 513:2013 (3 rd Revision)
15	Edible Sun Flower Oil	BDS 1773: 2016 (1 st Revision)
16	Chips/Crackers	BDS 1556:2017 (1 st Revision)
17	Toffees	BDS 1000:2001 (1 st Revision)
18	Honey	BDS CAC 12:2007
19	Processed Cereal based Foods for Infants and young children	BDS CAC 074: 2007
20	Dextrose monohydrate.	BDS CAC 8:2007
21	Liquid Glucose (Glucose syrup)	BDS CAC 9:2006
22	Mosquito coil	BDS 1089 :2007 (2 nd Revision)
23	Black tea definition and basic requirements	BDS ISO 3720:2008

B. Chemical Products (14 items):

Sl. No	Name of the products	Standards NO.
24	Coconut Oil	BDS 99:2007 (2 st Revision)
25	Skin Creams	BDS 1382: 2015 (2 st Revision)
26	Tooth Paste	BDS 1216: 2012 (2 st Revision)
27	Skin Powder	BDS 1337:2015 (1 st Revision)
28	Shampoo surfactant based	BDS 1269: 2014 (2 nd Revision)
29	Lipstick	BDS 1424:1993, Amend 1,2 :2006
30	Toilet Soap	BDS 13:2006, (3 rd Revision) Amend 1: 2008
31	After Shave Lotion	BDS 1524:2006 (1 st Revision)
32	Ceramic Tableware	BDS 485:2000 (2 nd Revision) Amend 1,2,3:2006

33	Hair oil	BDS 1339:1991 Amend 1:2006
34	Writing and Printing Papers	BDS 405:2012 (2 nd Revision)
35	Newsprint	BDS 845:2012 (2 nd Revision)
36	Pencil	BDS 330:1993 (1 st Revision) Amend 1:2006
37	Ball point pens	BDS 1384:2002 (1 st Revision)

C. Textile Product (2) Items

Sl. No	Name of the products	Standards NO.
38	Polyester Blend Suiting	BDS 1175:2011 (2 nd Revision)
39	Polyester Blend Shirting (Market Varieties)	BDS 1148:2011(2 nd Revision)

D. Electrical & Electronic Products (09) Items

Sl. No	Name of the products	Standards NO.
40	Primary Batteries:	
	a) Part-1 General	BDS IEC 60086 (Part-1):2005
	b) Part-2 Physical and Electrical Specification	BDS IEC 60086 (Part-2):2005
	c) Part-3 Watch Battery	BDS IEC 60086 (Part-3):2005
	d) Part -4 Safety of Lithium batteries	BDS IEC 60086 (Part-4):2005
	e) Part-5 Safety of Batteries with Aqueous Electrolyte	BDS IEC 60086 (Part-5):2005
41	Performance & Construction of Electric circulating Fans & Regulators (Ceiling & Deck head fans, pedestal fans & table/cabin fans with in-built regulators)	BDS 818:1998 (1 st Revision) Amend 1: 2006
42	Switches for household and similar fixed electrical installation Part 1- General requirements	BDS IEC 60669-1:2007
43	Double- capped Fluorescent Lamps performance Requirements	BDS IEC 60081 :2006
44	Ballast for Fluorescent Lamps Performance Requirements	BDS IEC 60921:2005
45	Plugs and socket-outlets for household and similar purposes– Part1:General requirements	BDS IEC 60884 (Part 1):2016
	Part 2-1: Particular requirements for fused plugs	BDS IEC 60884 (Part 2-1):2016
	Part 2-2: Particular requirements for socket-outlets for appliances	BDS IEC 60884 (Part 2-2):2016
	Part 2-3: Particular requirements for switched socket-outlets without interlock for fixed installations	BDS IEC 60884 (Part 2-3):2016
	Part 2-4: Particular requirements for Plugs and for SELV	BDS IEC 60884 (Part 2-4):2016
	Part 2-5: Particular requirements for adaptors	BDS IEC 60884 (Part 2-5):2016
	Part 2-6: Particular requirements for switched socket-outlets without interlock for fixed installation	BDS IEC 60884 (Part 2-6):2016
	Part 2-7: Particular requirements for cord extension se	BDS IEC 60884 (Part 2-7):2016

46	Electronic Type Fan Regulators	BDS 1323:1991, Amend 1: 2006
47	Self-Ballasted Lamps for General Lighting Services- Performance Requirements	BDS 1734:2003
48	Lead acid starter batteries a) Part-1 General requirements and methods of test b) Part - 2 Dimensions batteries and dimension and marking of terminal c) Part 3 Dimensions of batteries for heavy commercial vehicles	BDS 206 Part-1:2002 BDS 206 Part 2:2002 BDS 206 Part 3:2002

E. Engineering Products (06) Items

Sl. No	Name of the products	Standards NO.
49	Safety razor blades	BDS 219:2002
50	Portable fire extinguisher	BDS 825:1991 (1 st Revision) Reaffirmed 2007
51	Sanitary ware appliances	BDS 1162:2014 (3 rd Revision)
52	G P Sheet (with Corrugation)	BDS 1122:1987 Reaffirmed 2007
53	Ceramic Tiles- definitions, Classifications characteristics & marking	BDS ISO 13006: 2015
54	Cement -Part :1 Composition, Specifications and Conformity criteria for common Cement	BDS EN 197-1:2003 Reaffirmed 2010

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