The economic policy of the Republic of Belarus is designed to create a socially oriented state with innovative industry and energy sectors, developing agricultural and process industry sectors, modern science and education.

Improvement of quality and competitiveness of organizations, products and services, innovation, modernization of the technological and managerial processes, and resources conservation were determined as the dominant trends. Competition in the foreign markets, as well as growing integration processes, in which our country takes part, repeatedly enhances the relevance of these directions.

These circumstances take all areas of activity of the State Committee for Standardization of the Republic of Belarus – the intersectoral republican administrative body under the Council of Ministers of the Republic of Belarus – to a new level of development.

The results of our work in the field of technical regulation, standardization, measurements, accreditation, conformity assessment, supervision, energy conservation and quality have not only to be in demand in every industry and organization, but also influence the strategy of their development.

Since that time, we have done much to create conditions for the improvement of competitiveness of the industry at the country level. However, the main strategic objectives are related to the development of international cooperation in the framework of integrative formations, in which the Republic of Belarus takes part, as well as to the increase in activity and receiving recognition within international organizations in the field of standardization, metrology, accreditation and conformity assessment.

Our primary goal is to provide every kind of assistance in sustainable development of the national economy, improvement of competitiveness and export potential of domestic enterprises, conservation of resources, efficient protection of the market against unsafe and poor quality products, as well as to provide aid for free trade.

In order to achieve this goal we need to ensure the highest level of competence, augment continually our production and technical potential based on information technology, interact with industry, business and society in a constructive way, as well as to correct timely the directions of activities in accordance with the new global challenges.

Victor NAZARENKO,
Chairman of the State Committee for Standardization of the Republic of Belarus
The State Committee for Standardization of the Republic of Belarus (Gosstandart) is a republican authority on the development and implementation of a unified state technical policy in the sphere of technical regulation and standardization, measurement traceability, conformity assessment, accreditation, energy conservation and energy efficiency, supervision and control over observance of mandatory requirements in industry and construction. Gosstandart is subordinated to the Council of Ministers of the Republic of Belarus.

Assigned to the Gosstandart spheres of activity are of interdisciplinary nature, pervade virtually all areas of economic and social life of the country.

Activities of the Gosstandart on implementation of the technical policy of the country is focused on:

- promoting innovative development of the economy, enhancing competitiveness of organizations, products and services;
- creating conditions for free movement of goods, removal of technical barriers to trade;
- enhancing energy efficiency, energy conservation;
- promoting entrepreneurship and business activity;
- protecting the market from dangerous and poor quality products;
- ensuring safety and quality in the field of construction.

The main tasks of the Gosstandart are:

- improvement of the legislative framework in the field of technical regulation and ensuring the uniformity of measurements;
- establishing requirements for products safety and quality;
- ensuring the effective functioning and development of the System of technical regulation and standardization, measurement uniformity system, National accreditation system and National system for conformity attestation;
- information support on assigned trends of activities;
- generation of the state policy on development of the methodology of quality and business excellence;
- planning and regulatory and methodological support for energy conservation and energy efficiency;
- state supervision over observance of mandatory requirements of technical normative legal acts in the field of technical regulation and standardization, rational use of electricity and heat, fuel, as well as state metrological supervision;
- supervision and control in construction, including examination of project documentation;
- organization and coordination of international cooperation of the Republic of Belarus in the sphere of technical regulation, standardization, measurement uniformity, conformity assessment, efficient use of energy resources.

Leading organizations on implementation of the main Gosstandart activities are the national institutes: in the field of standardization – the Belarusian State Institute for Standardization and Certification; and in the field of metrology – the Belarusian State Institute of Metrology.

The guides of the Gosstandart policy in regions are the territorial centres for standardization, metrology and certification located in regional centres and large industrial cities of the country, as well as regional inspections and supervision departments.
In order to ensure international recognition of the results of conformity assessment carried out in the country, the Belarusian State Centre for Accreditation was created and operates in the country, functions of the national accreditation body have been delegated to this organization.

Activities of the Belarusian State Institute for qualification raising and staff retraining in the field of standardization, metrology and quality management contribute to the improvement of the professional level of personnel on a systematic basis, which implements various educational programs, taking into account current trends and technologies.

State supervision over compliance with technical regulations and standards, rational use of fuel, electricity and heat, state metrological supervision and supervision in construction are considered as one of the most important activities of the Committee.

Gosstandart has developed infrastructure for information and publishing activity, it is the founder of scientific and practical magazines «Standardization», «Metrology and Instrumentation» and «Energy Efficiency».

**THE STRUCTURE OF THE STATE COMMITTEE FOR STANDARDIZATION OF THE REPUBLIC OF BELARUS – AS THE BASIS OF THE NATIONAL QUALITY INFRASTRUCTURE**

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**STATE COMMITTEE FOR STANDARDIZATION OF THE REPUBLIC OF BELARUS**

- **Centres for Standardization, Metrology and Certification** (CSMS, RUE):
  - Brest
  - Vitebsk
  - Gomel
  - Grodno
  - Mogilev
  - Baranovichi
  - Bobruisk
  - Borisov
  - Kalinkovichi
  - Lida
  - Molodechno
  - Orsha
  - Pinsk
  - Polotsk
  - Slutsk

- **Regional inspections of State Supervision over Observance of Technical Regulations and Standards Requirements and State Metrological Supervision**:
  - Brest
  - Vitebsk
  - Gomel
  - Grodno
  - Mogilev
  - Minsk region and Minsk

---
### MILESTONES

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1992</td>
<td>Formation of the Committee for Standardization, Metrology and Certification under the Council of Ministers of the Republic of Belarus – government authority in the field of standardization, metrology and certification</td>
</tr>
</tbody>
</table>
| 1993 | Joining the International Organization for Standardization (ISO), International Electrotechnical Commission (IEC) and International Organization of Legal Metrology (OIML) as a full member  
Adoption of a set of standards of the State Standardization System of the Republic of Belarus |
| 1994 | Accession to the Geneva Agreement concerning the adoption of uniform technical prescriptions for wheeled vehicles |
| 1995 | Adoption of the Laws of the Republic of Belarus «On standardization», «On ensuring the uniformity of measurements», «On certification of products, works and services»  
Registration of the first National Technical Committee for Standardization |
| 1996 | Establishment of the National Fund of Standards |
| 1997 | Inclusion of the Belarusian State Institute for Standardization and Certification into the system of the Committee  
Adoption of the first State Scientific and Technical Program «Reference Standards of Belarus» |
| 1998 | Adoption of the first State Program «Quality» |
| 1999 | Establishment of the Belarusian State Institute of Metrology  
Holding of the first competition for the Prize of the Government of the Republic of Belarus for achievements in the field of quality |
| 2000 | According to the Decree of the President of the Republic of Belarus, the 14th of October was determined as a professional holiday – Standards Day in the Republic of Belarus  
Establishment of the Belarusian State Institute for qualification raising and staff retraining in the field of standardization, metrology and quality management |
| 2001 | Establishment of the WTO National Information Centre for Technical Barriers to Trade, Sanitary and Phytosanitary Measures  
Joining of the Republic of Belarus to the Code of Good Practice for the Preparation, Adoption and Application of Standards (WTO Agreement on Technical Barriers to Trade) |
| 2003 | The Republic of Belarus represented by Gosstandart attended the General Conference on Weights and Measures as an observer |
| 2004 | Adoption of the Laws of the Republic of Belarus «On technical regulation and standardization» and «On conformity assessment with the requirements of technical normative legal acts in the field of technical regulation and standardization» (taking into account the WTO Agreement on Technical Barriers to Trade)  
Development of fundamental documents of the System for Technical Regulation and Standardization and the National System for Conformity Attestation of the Republic of Belarus  
Gosstandart joined the International Laboratory Accreditation Cooperation (ILAC) as an affiliated member |
| 2006 | Adoption of the new edition of the Law of the Republic of Belarus «On ensuring the uniformity of measurements» |
| 2007 | Approval of the first technical regulations of the Republic of Belarus |
| 2008 | Establishment of the National Fund of technical normative legal acts on the base of the National Fund of Standards |
Admission of Gosstandart to the European Committee for Standardization (CEN) and the European Committee for Electrotechnical Standardization (CENELEC) as an affiliated member
Establishment of the National Accreditation Body of the Republic of Belarus – Belarusian State Centre for Accreditation (BSCA)

Approval of the first technical regulations of the Customs Union specifying the uniform requirements for products and the rules for its access to the markets of the member states – Belarus, Kazakhstan and Russia
Admission of the National Accreditation Body of the Republic of Belarus to the International Laboratory Accreditation Cooperation (ILAC) as an associated member

The National Accreditation Body of the Republic of Belarus joined the European cooperation for Accreditation (EA) as an associated member

The signing of the Treaty on the Eurasian Economic Union

Admission of the National Accreditation Body of the Republic of Belarus to the International Accreditation Forum (IAF) as a member
Holding of the 79th General Meeting of the IEC in Minsk

Adoption of new editions of the laws of the Republic of Belarus «On technical regulation and standardization» and «On the assessment of conformity to technical requirements and accreditation of conformity assessment bodies»
Development of normative legal acts for the implementation of new versions of laws

Designation of the Belarusian State Institute for Standardization and Certification as the National Institute for Standardization
Change in participation status of the Republic of Belarus as a Companion standardization body with CEN and CENELEC

**EVOlUTION OF THE SYSTEM OF TECHNICAL REGULATION OF THE REPUBLIC OF BELARUS**

**Until 1992**

**STATE**

- Mandatory governmental standards
  - For all types of manufactured products
  - Mandatory certification for hazardous products
  - Products that are not subject to certification

**MATERIAL**

- State supervision (control) of products:
  - at all stages of production
  - mainly in the market

**Manufacturer’s responsibility for products quality and safety**

- The total influence of the state on ensuring products quality and safety

**Since 2004**

**STATE**

- Safety
- Technical regulations
- Interconnected standards
  - Optimal requirements to ensure the required level of safety
  - Optimal rules for admission of products to the market
  - Protection of the market

**MARKET**

- Competitiveness
- Voluntary standards
- Specifications
- Supply contracts
  - The highest possible requirements taking into account international standards
  - Ensuring conformity of products to market requirements

**Transition to state product safety regulation only**
**GOALS**

- Protection of human life and health, protection of the environment
- Creation of foundations of resources and energy conservation
- Elimination of technical barriers to trade
- Protection of consumers rights

**FUNCTIONS**

- Development and implementation of a unified state policy in the field of technical regulation
- Overall coordination of development of technical regulations of the Republic of Belarus and the EAEU
- Establishment and operation of the system of technical regulation

**LEGAL BASIS**

- The Treaty on the Eurasian Economic Union
- The Law «On technical regulation and standardization»
- The National System for technical regulation and standardization
MANDATORY REQUIREMENTS

The technical regulations of the Eurasian Economic Union (EAEU) and the technical regulations of the Republic of Belarus:

- Developed only for the products included in the unified list of products for which the mandatory requirements are specified within the EAEU.
- Establish mandatory requirements for products and manufacturing processes, rules for identification, forms, charts and conformity assessment procedures.
- Developed on the basis of EU Regulations and Directives, International and European standards, advanced technical regulations and standards of other countries.
- May include general requirements (terminology, packaging, labelling, sanitary, veterinary-sanitary, quarantine and phytosanitary measures), specific requirements (associated with climatic and geographical factors or technological features) and special requirements (providing protection of certain categories of citizens).

IN FORCE

6 TECHNICAL REGULATIONS OF THE REPUBLIC OF BELARUS

- buildings and structures, building materials and products
- information compatibility of payment system software and hardware

44 TECHNICAL REGULATIONS OF THE EAEU

- machines and equipment
- food additives
- devices operating on gaseous fuel
- low-voltage equipment
- fireworks products
- personal protective equipment
- railway rolling stock
- high-speed railway transport
- railway transport infrastructure
- furniture products
- lifts
- gasoline and other fuels
- explosives
- equipment operating under excessive pressure
- packaging
- products for children and adolescents
- toys
- lubricant materials
- electromagnetic compatibility
- equipment for use in potentially explosive environments
- automobile roads
- small crafts
- information security means
- units of measurement
- mineral fertilizers
- feed and feed additives
- food products
- labeling of food products
- food additives
- grain
- meat products
- milk products
- juice products
- specialized food products
- fat and oil products
- perfume and cosmetics
- light industry products
- tobacco products
- fish (2017)
- liquefied petroleum gases (2018)
- amusement rides (2018)
- restrictions on the use of hazardous substances (2018)
- playgrounds (2018)
- packaged drinking water (2019)
- chemical products (2021)
- mineral fertilizers (2021)

UNDER DEVELOPMENT

2 TECHNICAL REGULATIONS OF THE REPUBLIC OF BELARUS

- telecommunications facilities
- energy efficiency of buildings

14 TECHNICAL REGULATIONS OF THE EAEU

- poultry
- feed
- materials in contact with food
- alcohol
- flammable natural gas
- petroleum
- coal
- products for civil defense and emergency survival
- main pipelines
- buildings and structures, construction materials and products
- energy efficiency
- high-voltage equipment
- underground rolling stock
- light rail transit, trams
STANDARDIZATION

GOALS

- Generation of the best technical solutions for implementing safety requirements, development of quality and competitiveness, innovation in the country
- Creating conditions for barrier-free trade
- Promotion of the country’s interests in international and regional standardization

FUNCTIONS

- Definition and implementation of the priority areas of standardization
- Establishing the procedure for development of governmental standards and specifications
- Adoption of governmental standards
- Promoting voluntary implementation of standards
- Participation in the international and interstate (regional) standardization works
- Designation of national institute for standardization

LEGAL BASIS

- The Law «On technical regulation and standardization»
- National system for technical regulation and standardization
INTERNATIONAL STANDARDIZATION

Republic of Belarus

Full member

- International Organization for Standardization (ISO)
- International Electrotechnical Commission (IEC)

Affiliate member for Standardization

- European Committee for Standardization (CEN)
- European Committee for Electrotechnical Standardization (CENELEC)

Participant

- Agreements on the adoption of uniform technical instructions for wheeled vehicles, equipment items and parts that can be installed and/or used on wheeled vehicles, and on the conditions for mutual recognition of regulatory approvals issued on the basis of these instructions
- Agreements on the introduction of global technical regulations for wheeled vehicles, equipment items and parts that can be installed and/or used on wheeled vehicles

INTERSTATE STANDARDIZATION

CIS countries develop GOSTs within interstate technical committees for standardization

- Establishing the optimal requirements for the necessary level of security
- Establishing the highest requirements with regard to International and European standards
- Industrial upgrading, innovation
- GOST is the basis for implementing requirements of technical regulations of the EAEU
- GOST is the basis for mutual recognition and trade on CIS markets

STATE STANDARDIZATION

In the development of governmental standards the Republic of Belarus follows the principles of the WTO Code of Good Practice for the Preparation, Adoption and Application of Standards.

Priority in the standardization works is given to the harmonization of national requirements with international and regional ones.

Standardization priorities

- Mechanical engineering
- Energy efficiency and resources conservation
- Electrical engineering and electronics
- Building materials
- Information technology
- Light industry
- Food products
- Defence and fire and disaster prevention
- services

<table>
<thead>
<tr>
<th>Sectors</th>
<th>Standards developed</th>
<th>Harmonized with ISO, IEC, EN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy efficiency and power engineering</td>
<td>253</td>
<td>51,8 %</td>
</tr>
<tr>
<td>Building materials and products</td>
<td>1507</td>
<td>51,0 %</td>
</tr>
<tr>
<td>Resources conservation</td>
<td>1375</td>
<td>44,2 %</td>
</tr>
<tr>
<td>Electrical engineering, electronics and telecommunications</td>
<td>3606</td>
<td>35,8 %</td>
</tr>
<tr>
<td>Chemical and petrochemical products</td>
<td>3165</td>
<td>28,5 %</td>
</tr>
<tr>
<td>Mechanical engineering</td>
<td>6629</td>
<td>21,8 %</td>
</tr>
</tbody>
</table>

In the Republic of Belarus are in effect

- About 5,000 governmental standards of Belarus – STBs
- More than 23,000 interstate standards – GOSTs
- More than 160 UNECE Rules
Accreditation

Goals

- Ensuring confidence in the conformity assessment results
- Creating conditions for mutual recognition of the conformity assessment results by the states – trade partners

Functions

- Development and implementation of a unified state technical policy in the field of accreditation
- Defining the rules of works on accreditation
- Independent accreditation of the Republic of Belarus entities
- Signing of multilateral and bilateral agreements

Legal Basis

- The Treaty on the Eurasian Economic Union
- The Law «On conformity assessment with technical requirements and accreditation of conformity assessment bodies»
- National accreditation system
- National system for conformity attestation
Belarusian State Centre for Accreditation (BSCA), which is the national accreditation body, has operated in the Republic of Belarus since 2010.

- **NATIONAL ACCREDITATION SYSTEM**
  - **71** products and services certification bodies
    - ISO/IEC 17065
  - **46** calibration laboratories
    - ISO/IEC 17025
  - **2616** test laboratories
    - ISO/IEC 17025
  - **39** management systems certification bodies
    - ISO/IEC 17021
  - **6** personnel certification bodies
    - ISO/IEC 17024
  - **3** inspection bodies
    - ISO/IEC 17020

- **CREATING CONDITIONS FOR MUTUAL RECOGNITION OF CONFORMITY ASSESSMENT RESULTS**

### In the Eurasian Economic Union

![Treaty on the Eurasian Economic Union](image)

**TREATY ON THE EURASIAN ECONOMIC UNION**

Unified Register of the EAEU ➔ Certification bodies and test laboratories ➔ Conformity certificate and declaration of conformity of unified forms

- National part of the Unified Register of the Republic of Belarus includes:
  - **56** products certification bodies
  - **423** test laboratories

### In the Commonwealth of Independent States

![Agreement on Mutual Recognition of Accreditation of Certification Bodies and Test Laboratories Performing Works on Conformity Assessment](image)

**AGREEMENT ON MUTUAL RECOGNITION OF ACCREDITATION OF CERTIFICATION BODIES AND TEST LABORATORIES PERFORMING WORKS ON CONFORMITY ASSESSMENT**

Accredited certification bodies and test laboratories ➔ Mutual recognition of test reports and conformity certificates

- Regional Association – of accreditation bodies of the CIS member states under the EASC is in the process of establishing

- **INTERNATIONAL COOPERATION**

### In the European Union

BSCA is the associated member of the European Organization for Accreditation since 2011. In the period from January 18 to 22, 2016, the EA preliminary assessment of the National Accreditation System of the Republic of Belarus was carried out. On October 4, 2016, the decision to conduct the next assessment step in 2017 was taken at the meeting of the Multilateral Agreement Council (EA MAC).

(To be held from 20 to 27 November, 2017).

**International Cooperation**

BSCA was accepted as a member of the International Accreditation Forum on 11 September 2015. Work on the accession to the IAF MLA Multilateral Mutual Recognition Agreement is in progress.

BSCA is the associated member of the International Laboratory Accreditation Cooperation since. Work on the accession to the Multilateral Mutual Recognition Agreement is in progress.

Memoranda of understanding/cooperation agreements for the development of interaction in the field of accreditation were signed with the accreditation bodies of 24 countries.
**Goals**

- Protection of internal market
- Elimination of technical barriers to trade
- Improving quality and competitiveness of organizations

**Functions**

- Improving quality and competitiveness of organizations
- Defining the rules for conducting works on certification and declaration of conformity
- International recognition results of conformity assessment

**Legal Basis**

- The Treaty on the Eurasian Economic Union
- The Decree of the President «On measures for mandatory conformity attestation»
- The Law «On conformity assessment with technical requirements and accreditation of conformity assessment bodies»
- National system for conformity attestation
- Multilateral and bilateral agreements on mutual recognition
Conformity assessment is carried out in Belarus in the framework of national legislation (National system for conformity attestation) and in the framework of the EAEU legislation.

**NATIONAL SYSTEM FOR CONFORMITY ATTESTATION**


Conformity attestation is carried out for compliance with technical requirements of:
- technical regulations of the Republic of Belarus (TR BY);
- standards included in the list of mandatory conformity attestation.

<table>
<thead>
<tr>
<th>Products released in circulation on the territory of the Republic of Belarus with the national document of compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Products</td>
</tr>
<tr>
<td>– Energy efficiency</td>
</tr>
<tr>
<td>– Buildings and structures, building materials and products</td>
</tr>
<tr>
<td>– Telecommunication</td>
</tr>
<tr>
<td>– Alcoholic products</td>
</tr>
</tbody>
</table>

Conformity attestation is carried out for compliance with technical requirements of:
- governmental standards;
- specifications;
- technical Codes of Good practice;
- international, regional, and other standards;
- contract conditions.

**Eurasian Economic Union**

Conformity assessment is carried out for compliance with the requirements of:
- standards included in the EAEU Unified list of products, subject to the mandatory conformity assessment (before the entering into force of the technical regulations of the EAEU);
- technical regulations of the EAEU.

Products released in circulation on the territory of the EAEU with a unified document of compliance

Conformity assessment is carried out for compliance with the technical requirements of:
- legislation of Russia, Belarus and Kazakhstan;
- international practice (ISO/IEC 17067);

The list of forms of conformity assessment is based on:
- certification (9 schemes) or Declaration Of Conformity (6 schemes) (products);
- State registration (products or production facilities);
- Examination (projects, documentation);
- Technical Inspection (elevators, amusement rides);
- Acceptability Appraisal (building materials, products);
- Tests (products).

**Admission to Market**

**CIS countries**

Interstate agreements on coordinated policy in the field of standardization, metrology and certification and the mutual recognition of the work results:
- minimal procedures and costs for mutual product deliveries;
- mutual recognition of protocols and certificates.

About 800 documents on conformity assessment are reregistered annually

**EU countries**

Agreements on cooperation between notified bodies of the European Union and competent authorities of the Republic of Belarus

More than 6 400 models of Belarusian products received the right to apply CE
Testing

Goals
- Establishing the unified state policy in the field of uniformity of measurements
- Ensuring the conformity assessment

Functions
- Determination of the test rules for the conformity certification and declaration objectives
- International recognition of test results

Legal Basis
- Treaty on the Eurasian Economic Union
- The Law of the Republic of Belarus «On ensuring the uniformity of measurements»
- The Law «On Assessment of Conformity to Technical Requirements and Accreditation of Conformity Assessment Bodies»
- The system for ensuring the uniformity of measurements of the Republic of Belarus
- National accreditation system
- National system of conformity attestation
Tests provide the basis for the conformity assessment of products to the established requirements, and are one of the factors of growth of its competitiveness and development of new types.

**Testing Laboratory of Gosstandard System**

Tests provide the basis for the conformity assessment of products to the established requirements, and are one of the factors of growth of its competitiveness and development of new types.

**Key Spheres, Where Testing Laboratories of Gosstandard Organizations Are Involved**

**Number of Certification Bodies (CB) and Testing Laboratories (TL) of Gosstandard Organizations, Included in the Unified Register of EAEU**

<table>
<thead>
<tr>
<th>The Name of the EAEU TR (CU)</th>
<th>CB</th>
<th>TL</th>
</tr>
</thead>
<tbody>
<tr>
<td>On safety of railway rolling stock</td>
<td>–</td>
<td>1</td>
</tr>
<tr>
<td>On safety of high-speed railway transport</td>
<td>–</td>
<td>1</td>
</tr>
<tr>
<td>On safety of railway transport infrastructure</td>
<td>–</td>
<td>1</td>
</tr>
<tr>
<td>On safety of low voltage equipment</td>
<td>11</td>
<td>4</td>
</tr>
<tr>
<td>On safety of packages</td>
<td>17</td>
<td>7</td>
</tr>
<tr>
<td>On safety of products, intended for children and adolescents</td>
<td>18</td>
<td>8</td>
</tr>
<tr>
<td>On safety of toys</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>On safety of perfumes and cosmetics</td>
<td>10</td>
<td>6</td>
</tr>
<tr>
<td>On safety of machines and equipment</td>
<td>10</td>
<td>3</td>
</tr>
<tr>
<td>Safety of lifts</td>
<td>2</td>
<td>–</td>
</tr>
<tr>
<td>On safety of equipment for work in explosive environments</td>
<td>1</td>
<td>–</td>
</tr>
<tr>
<td>On requirements to automobile and aviation gasoline, diesel and marine fuel, jet fuel and heating oil</td>
<td>1</td>
<td>–</td>
</tr>
<tr>
<td>Safety of motor road</td>
<td>9</td>
<td>3</td>
</tr>
<tr>
<td>On safety of grain</td>
<td>16</td>
<td>21</td>
</tr>
<tr>
<td>On safety of devices operating on gaseous fuel</td>
<td>3</td>
<td>–</td>
</tr>
<tr>
<td>On safety of light industry products</td>
<td>18</td>
<td>7</td>
</tr>
<tr>
<td>On safety of wheeled vehicles</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td>On safety of personal protective equipment</td>
<td>14</td>
<td>8</td>
</tr>
<tr>
<td>Electromagnetic compatibility of technical means</td>
<td>11</td>
<td>2</td>
</tr>
<tr>
<td>On safety of food products</td>
<td>16</td>
<td>21</td>
</tr>
<tr>
<td>Technical regulation for juice products of fruits and vegetables</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>Technical regulation on oil and fat products</td>
<td>15</td>
<td>17</td>
</tr>
<tr>
<td>On safety of furniture</td>
<td>12</td>
<td>8</td>
</tr>
<tr>
<td>On safety of certain types of specialized food products, including foods for dietary treatment and dietary preventive nutrition</td>
<td>–</td>
<td>5</td>
</tr>
<tr>
<td>Requirements for the safety of food additives, flavorings and technological aids</td>
<td>16</td>
<td>15</td>
</tr>
<tr>
<td>On requirements for lubricants, oils and special fluids</td>
<td>4</td>
<td>–</td>
</tr>
<tr>
<td>On safety of agricultural and forestry tractors and their trailers</td>
<td>2</td>
<td>–</td>
</tr>
<tr>
<td>On safety of equipment operating under excessive pressure</td>
<td>2</td>
<td>–</td>
</tr>
<tr>
<td>On safety of milk and milk products</td>
<td>16</td>
<td>20</td>
</tr>
<tr>
<td>On safety of meat and meat products</td>
<td>16</td>
<td>19</td>
</tr>
<tr>
<td>Technical regulation on tobacco products</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>On safety of fish and fish products</td>
<td>4</td>
<td>5</td>
</tr>
</tbody>
</table>

Testing laboratories of Gosstandard permanently improve their technical base, master up-to-date test methods, meeting international and regional standards, as well as develop new areas that are in demand of the regions’ industry and business.
ENSURING THE UNIFORMITY OF MEASUREMENTS

GOALS

- Establishing the unified state policy in the field of uniformity of measurement
- Elimination of technical barriers to trade

FUNCTIONS

- Establishment and operation of the System for ensuring the uniformity of measurements and the state metrology service
- Specifying requirements to national reference standards of the Republic of Belarus, rules for their development, approval, storage and application
- Maintenance of the State register of national measurement standards and the State register of measuring instruments of the Republic of Belarus

LEGAL BASIS

- The Treaty on the Eurasian Economic Union
- The Law «On ensuring the uniformity of measurements»
- The system for ensuring the uniformity of measurements of the Republic of Belarus
- International arrangements for mutual recognition of standards and calibration certificates (CIPM MRA)
- Interstate agreements in the field of uniformity of measurements
ENSURING THE UNIFORMITY OF MEASUREMENTS

- NATIONAL REFERENCE STANDARDS OF MEASUREMENT UNITS
  53 reference standards of the Republic of Belarus

- Subprogram «Reference standards of Belarus» for 2016 – 2020
  Development of 21 reference standards, modernization of 6 reference standards in the following fields:
  - Nuclear power
  - Agro-industrial technology
  - National security
  - Information and communication technology
  - Medical industry
  - Space technology
  - Industrial and construction technology

- INTERNATIONAL RECOGNITION OF THE NATIONAL REFERENCE STANDARDS BASE
  240 CMC lines in the database of the International Bureau of Weights and Measures (KCDB BIPM) are the best calibration and measurement capabilities of the Republic of Belarus.

- REPRODUCTION OF SI BASE UNITS

<table>
<thead>
<tr>
<th>Reference standard name</th>
<th>Calibration and measurement opportunity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Measured quantity</td>
</tr>
<tr>
<td>National reference standard of units: time, frequency and scale</td>
<td>frequency</td>
</tr>
<tr>
<td>National reference standard of mass</td>
<td>mass</td>
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<tr>
<td>National reference standard of temperature</td>
<td>temperature</td>
</tr>
<tr>
<td>National reference standards of luminous intensity and illuminance</td>
<td>luminous intensity</td>
</tr>
<tr>
<td></td>
<td>illuminance</td>
</tr>
<tr>
<td>National reference standard of length</td>
<td>mid-length of end gauge</td>
</tr>
</tbody>
</table>

- STATE REGISTER OF MEASURING INSTRUMENTS OF THE REPUBLIC OF BELARUS
  3047 approved types of measuring instruments
  2625 approved types of state reference materials

- STATE METROLOGICAL SERVICE
  - Conducting basic and applied research and development
  - Development of uniform metrological requirements for measuring instruments and procedures of measurements and for measurement results
  - Carrying out metrological examination of technical normative legal acts
  - Metrological control in the field of legal metrology
  - Performance of state tests of measuring instruments

Metrological control of measuring instruments (annual)
- Verification ~ 5 000 000 units
- Metrological attestation ~ 1 600 units
- Attestation of procedures of measurements ~ 500 units
- Calibration ~ 26 000 units
- Attestation of test equipment ~ 55 000 units.
INFORMATION SUPPORT

GOALS

- Formation and development of the unified state information resource containing technical standards, and creation of a complex system for information provision on its basis

FUNCTIONS

- Formation and maintenance of the National Fund of technical normative legal acts
- Providing complete and accurate information
- Creation and development of the System of integrated information provision
- Publication and distribution of technical normative legal acts
- Providing methodical, scientific and practical information
- Implementation of interstate information exchange

LEGAL BASIS

- The Law «On normative legal acts»
- The Law «On technical regulation and standardization»
- Decree of the President «On improving the State system of legal information of the Republic of Belarus»
- Decree of the President «On the order of making technical normative legal acts available for public»
- Resolution of the Council of Ministers «On the National Fund of technical normative legal acts»
NATIONAL FUND OF TNLA

Organized fund of technical normative legal acts of the Republic of Belarus, other documents and information resources on paper and in the form of computer databank with reference aids based on information technology.

- More than 200,000 documents
  - Technical normative legal acts of the Republic of Belarus
  - Technical legislation of the EAEU
  - International, regional standards
  - National standards of foreign countries
  - Technical legislation of EU
- More than 90,000 users every year

Branched structure
(15 regional offices)

SYSTEM OF INTEGRATED INFORMATION PROVISION

Organized set of state information resources in the field of technical regulation and standardization and information technology.

Purpose:
- Information support in the field of technical regulation and standardization
- Official distribution (provision) of technical normative legal acts, provision of complete and reliable information
- Ensuring environment for interaction between technical regulation and standardization entities
- Automation of processes for planning and development of technical normative legal acts
- Interstate information exchange

Information resources in the System of integrated information provision:
- Electronic technical committees
- Comments
- Standards online
- National full-text information system
- Interstate full-text information system

OFFICIAL PUBLICATION OF TNLA,
METHODOLOGICAL, SCIENTIFIC AND PRACTICAL PUBLICATIONS

OFFICIAL PERIODICALS (SCIENTIFIC AND PRACTICAL MAGAZINES)

«Standardization»
(6 issues per year)
Information in the field of technical regulation and standardization, materials about the work within EAEU and CIS, clarification of requirements of technical regulations and standards, issues on conformity attestation and accreditation, best practices of effective management

«Metrology and Instrumentation»
(4 issues per year)
Information in the field of measuring equipment and metrology, development of new and upgrading of existing reference standards of physical units, results of international work, including comparisons of reference standards

«Energy Efficiency»
(12 issues per year)
Information in the field of energy conservation, best practices of enterprises to introduce the latest energy-efficient technologies, equipment and materials, global innovations

Posting information on TNLA – http://www.tnpa.by/
SUPERVISION AND CONTROL

GOALS

- Safeguarding the interests of the state, society and citizens in safe and quality products, services, buildings
- Resources conservation

FUNCTIONS

- Improving the legal framework in the areas of control and supervision activities
- Avoiding and preventing violations of the requirements, established by the legislation for products (services), use of fuel and energy resources
- Using new forms and methods of supervision and control

LEGAL BASIS

- The Law «On technical regulation and standardization»
- The Law «On the conformity assessment to technical requirements and accreditation of conformity assessment bodies»
- The Law «On ensuring the uniformity of measurements»
- The Law «On energy conservation»
- The Law «On consumer protection»
- Decree of the President «On the improvement of control (supervisory) activities in the Republic of Belarus»
- Decree of the President «On measures to ensure state control (supervision) for compliance with the requirements of technical regulations»
SUPERVISION AND CONTROL

OF COMPLIANCE WITH TECHNICAL REGULATIONS AND STANDARDS

Regional inspectorates of Gosstandart carry out supervision of the products (services) compliance with the requirements of obligatory for fulfilment technical normative legal acts in the field of technical regulation and standardization, as well as parameters declared by manufacturer (seller, supplier, importer) in contracts for supply of products, their labelling or operational documentation.

- About 25,000 different products are inspected every year, including:
  - at the stage of request
  - at the production stage
  - in rendering services

More than 3,000 actions on monitoring of compliance with the requirements of technical regulations and standards are conducted in general on the consumer market of the country.

INFORMATION SYSTEM
FOR SUPERVISORY ACTIVITIES:
- allows for the registration of the objects of supervision in order to develop plans and prepare statistical reports;
- contains reference information on the requirements of applicable NLA and TNLA

STATE METROLOGICAL SUPERVISION

The competence of regional inspectorates of Gosstandart also includes the supervision of the compliance with legislation on ensuring the uniformity of measurements in order to protect interests of the state and citizens from the consequences of inaccurate measurements.

SUPERVISION AND CONTROL
OVER RATIONAL USE OF FUEL AND ENERGY RESOURCES

It is implemented by the territorial administrations in order to ensure compliance with the legislation in terms of efficient use of fuel and energy resources. More than 1,500 inspections and actions on monitoring are conducted every year.
EDUCATION AND CONSULTING

GOALS
- Providing quality educational and consulting services
- Improving the level of training and qualification of personnel in the field of technical regulation, standardization, metrology, conformity assessment, accreditation, system management, supervision

FUNCTIONS
- Development of new educational programs and workshops in demand in industry
- Updating knowledge and skills of managers and personnel on a regular basis
- Improvement of material and technical, educational and methodological base
- Attracting qualified teaching staff
- Use of modern methods and technology, including distance learning

LEGAL BASIS
- The Law «On technical regulation and standardization»
- The Law «On the conformity assessment to technical requirements and accreditation of conformity assessment bodies»
- The Law «On ensuring the uniformity of measurements»
- Code on Education of the Republic of Belarus
EDUCATIONAL ACTIVITIES

Modern economic development, ensuring the competitive sustainability of domestic organizations require constant improvement of competence of managers and specialists in the field of technical regulation, metrology, conformity assessment, accreditation, system management, supervision. Organizations within the system of Gosstandart play a key role in this process.

Directions for increasing competence

<table>
<thead>
<tr>
<th>Retraining with conferring qualification</th>
<th>Specialties:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Standardization, certification and quality management</td>
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<tr>
<td></td>
<td>• Metrology and metrological support</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Qualification raising of managers and specialists</th>
<th>More than 30 programs in the following directions:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Fundamentals of technical regulation and standardization</td>
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<td></td>
<td>• Metrological support and testing</td>
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<tr>
<td></td>
<td>• Accreditation of laboratories</td>
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<td></td>
<td>• Certification of products, services and personnel</td>
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<td></td>
<td>• Management systems</td>
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<td></td>
<td>• State supervision of compliance with the requirements of technical regulations and standards</td>
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<td></td>
<td>• Energy survey of enterprises</td>
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<tr>
<th>Consulting – workshops, trainings, round table discussion, consultations</th>
<th>Topics:</th>
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<td>• New legislation of the Republic of Belarus in the field of technical regulation</td>
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<td></td>
<td>• Application of technical regulations of the Republic of Belarus and EAEU</td>
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<tr>
<td></td>
<td>• System management</td>
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<tr>
<td></td>
<td>• Best practices of effective management</td>
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<td>• EU technical legislation</td>
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<td>• Conformity assessment</td>
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<td></td>
<td>• Accreditation</td>
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<tr>
<td></td>
<td>• Information support</td>
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<tr>
<td></td>
<td>• State supervision</td>
</tr>
</tbody>
</table>

Belarusian State Institute of Qualification Raising and Retraining for Standardization, Metrology and Quality Management

More than 30 programs in the following directions:

- Fundamentals of technical regulation and standardization
- Metrological support and testing
- Accreditation of laboratories
- Certification of products, services and personnel
- Management systems
- State supervision of compliance with the requirements of technical regulations and standards
- Energy survey of enterprises

Consulting – workshops, trainings, round table discussion, consultations

Topics:

- New legislation of the Republic of Belarus in the field of technical regulation
- Application of technical regulations of the Republic of Belarus and EAEU
- Requirements of standards on products and services
- Metrological support
- System management
- Best practices of effective management
- EU technical legislation
- Conformity assessment
- Accreditation
- Information support
- State supervision

There is a service “Workshops” on the Gosstandart website, where information on the events held by the organizations of the Gosstandart throughout the country is provided.

CURRENT INFORMATION PROVISION

The leading specialists of the Gosstandart system write column «Questions & Answers» on the Gosstandart website; it is a kind of aid for users in addressing their matters, as well as industry, business, society and citizens feedback channel.

Online conferences are regularly organized in order to familiarize rapidly with current questions posed by legal entities and individuals and submit answers on the Gosstandart website.
### INFORMATION RESOURCES OF GOSTANDART

**Official website** – http://gosstandart.gov.by/

### TECHNICAL REGULATION AND STANDARDIZATION

<table>
<thead>
<tr>
<th>Resource</th>
<th>URL</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Fund of technical normative legal acts</td>
<td><a href="http://tnpa.by/">http://tnpa.by/</a></td>
</tr>
<tr>
<td>National Information Centre for Technical Barriers to Trade, Sanitary and Phytosanitary Measures</td>
<td><a href="http://nicwto.by/">http://nicwto.by/</a></td>
</tr>
<tr>
<td>Portal «System of integrated information provision in the field of technical regulation and standardization»</td>
<td><a href="https://ips3.belgiss.by/">https://ips3.belgiss.by/</a></td>
</tr>
</tbody>
</table>

### ACCREDITATION AND CONFORMITY ASSESSMENT

<table>
<thead>
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<th>Resource</th>
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</thead>
<tbody>
<tr>
<td>Register of National accreditation system</td>
<td><a href="http://bsca.by/ru/reestr-akkr-organ/">http://bsca.by/ru/reestr-akkr-organ/</a></td>
</tr>
<tr>
<td>Unified system in the field of conformity assessment</td>
<td><a href="http://accreditation.bsca.by/">http://accreditation.bsca.by/</a></td>
</tr>
<tr>
<td>Registers in the field of conformity attestation</td>
<td><a href="https://tsouz.belgiss.by/">https://tsouz.belgiss.by/</a></td>
</tr>
<tr>
<td>State cadastre of service and civilian weapons and ammunition</td>
<td><a href="http://kadastr.gosstandart.gov.by/">http://kadastr.gosstandart.gov.by/</a></td>
</tr>
</tbody>
</table>

### METROLOGY

<table>
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<tr>
<th>Resource</th>
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</thead>
<tbody>
<tr>
<td>State register of measuring instruments</td>
<td><a href="http://belgim.by/grsi_default/">http://belgim.by/grsi_default/</a></td>
</tr>
<tr>
<td>State register of cash summing-up registers and special computer systems models (modifications)</td>
<td><a href="https://registry.belgiss.by/">https://registry.belgiss.by/</a></td>
</tr>
<tr>
<td>State register of models of slot machines</td>
<td><a href="https://registry.belgiss.by/">https://registry.belgiss.by/</a></td>
</tr>
</tbody>
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### SUPERVISION

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<th>URL</th>
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</thead>
<tbody>
<tr>
<td>Information system for preventing circulation of dangerous products</td>
<td><a href="http://op.gosstandart.gov.by/">http://op.gosstandart.gov.by/</a></td>
</tr>
</tbody>
</table>

### ENERGY CONSERVATION

<table>
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<tr>
<th>Resource</th>
<th>URL</th>
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</table>
INTERNATIONAL COOPERATION

Gosstandart represents the Republic of Belarus in international and regional organizations:

- Interstate Council for Standardization, metrology and Certification of the Commonwealth of Independent States (CIS)
- International Organization for Standardization
- International Electrotechnical Commission
- International Organization of Legal Metrology
- General Conference of Weights and Measures
- International Laboratory Accreditation Cooperation
- International Accreditation Forum
- International Renewable Energy Agency
- United Nations Economic Commission for Europe:
  - Inland Transport Committee
  - Steering Committee on Trade Capacity and Standards
  - Committee on Sustainable Energy European
- Committee for Standardization
- European Committee for Electrotechnical Standardization
- Euro-Asian Cooperation of National Metrological Institutions
- European co-operation for Accreditation
The State Committee for Standardization of the Republic of Belarus
Starovilensky Trakt, 93, 220053, Minsk, Republic of Belarus
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Fax +375 17 233 25 88
belst@gosstandart.gov.by