



# **Standardization, conformity attestation and accreditation in the Republic of Belarus**

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*Chairman of Gosstandart*



# Development of standardization in the Republic of Belarus

is based on:

- ✓ The WTO Agreement on TBT (*Code of good practice for the preparation, adoption and application of standards*)
- ✓ Documents of international and regional organizations for standardization
- ✓ Technical legislation of the European Union

Principles:

- *priority use of international and European requirements*
- *use of modern achievements in science and technology, scientific validity*
- *openness and transparency of the processes of development*



# GOVERNMENTAL STANDARDS of the REPUBLIC of BELARUS

**In total 25000 governmental standards:**

- ✓ **4 300** governmental standards of the Republic of Belarus – STBs
- ✓ **20 700** intergovernmental standards – GOSTs

**in 1<sup>st</sup> half of 2011**

- ✓ are approved **more than 200** governmental standards (STBs and GOSTs)
  - ✓ are adopted **International and European standards** in:
    - *machine-engineering*
    - *construction*
    - *electrical technology*
    - *light industry*
    - *food sector*

**Level of harmonization** of adopted governmental standards is  
**more than 71 %**



## Harmonization of governmental standards

### Harmonization of governmental standards (STBs) with International and European standards

✓ Machine-engineering	79 %
✓ Electrotechnics, radioelectronics, communication	72 %
✓ Chemical and petrochemical products	67 %
✓ Building materials and articles	59 %
✓ Forest and wood-processing industry	57 %
✓ Agriculture and foodstuffs	26 %

**Development of harmonized governmental standards promoted to increase competitiveness of domestic goods on the markets of other countries**

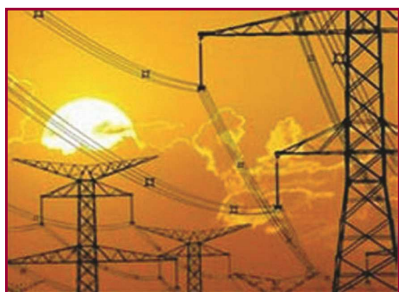
*This experience of the Republic of Belarus  
could be useful for other countries*



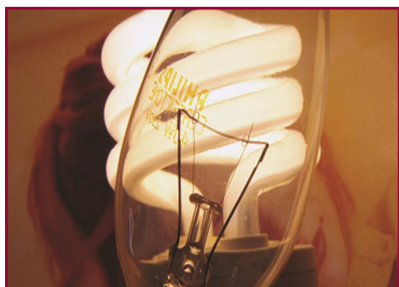
# Energy saving

## Program for development of the system of technical regulation, standardization and conformity attestation in the field of energy saving for 2011 - 2015

Project includes development of **136 standards**, on the following directions:



- ✓ renewable sources of energy, alternative types of fuels
- ✓ small power systems
- ✓ requirements to the factors of energy consumption
- ✓ energy efficiency of buildings
- ✓ energy management and energy audit



In 2007 – 2010 there are prepared **129 standards in energy saving:**

- ✓ Household electrical appliances
- ✓ Construction
- ✓ Internal combustion engines
- ✓ Heat-generating devices
- ✓ Fuel from local resources
- ✓ Hydrocarbon fuels
- ✓ Accounting devices
- ✓ ...



# AUTOMOBILE INDUSTRY

- ✓ **376** governmental standards of the Republic of Belarus, including **106** UNECE Regulations, adopted as governmental standards
- ✓ **11** *UNECE Regulations are on the stage of adoption*

Level of harmonization

**57 %**





# CHEMICAL INDUSTRY



**More than 90 standards have been developed for technical requirements and test methods for petroleum products**

**European regulations are introduced for fuels for internal combustion engines and their components :**

- ✓ motor petrol
- ✓ diesel fuel
- ✓ liquified petroleum gas
- ✓ fatty acid methyl esters
- ✓ bioethanol

...



**Basis in support of the technical regulation of the Republic of Belarus “Motor gasoline and diesel fuel. Safety”**

**Reduction of technical barriers to trade and economic, scientific and technical cooperation, increasing of products competitiveness**

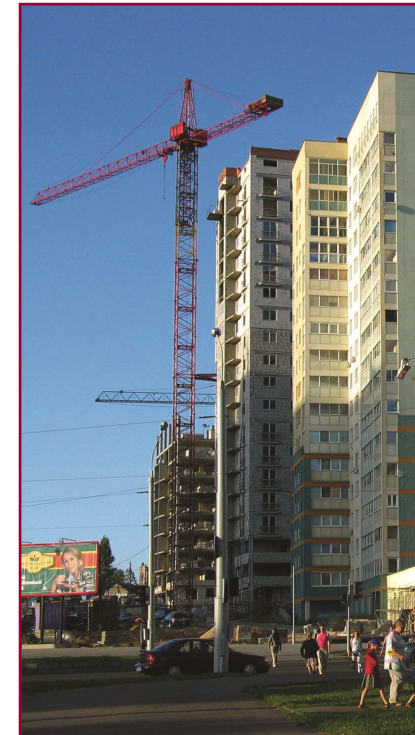


# CONSTRUCTION

**In 2010 more than 600 standards are adopted on the basis of European standards for building articles, materials, structures, fire protection systems, welding processes and designing (Eurocodes)**

**In 2011 – 2012 in construction sector about 300 standards, identical to European ones, shall be developed**

**Basis in support of the technical regulation of the Republic of Belarus “Buildings and constructions, building materials and articles. Safety”**







# AGRICULTURAL AND FOOD INDUSTRY



Level of harmonization

20 %

## Main tasks in standardization of food products :

- ✓ creation of normative base, intended for assurance of food products safety
- ✓ increasing of products safety and competitiveness
- ✓ ensuring of customer satisfaction
- ✓ market protection against counterfeit products
- ✓ creation of new types of products
- ✓ application of breakthrough technology
- ✓ adoption of modern test methods
- ✓ identification of products

**Year 2011** – development of about **60** standards for test methods in compliance with international and European practice

Increasing the share of standards development sponsorship by industry in comparison with governmental financing



# National technical regulations of the Republic of Belarus

## 36 technical committees for standardization

- ✓ Quality management
- ✓ Standardization in metrology
- ✓ Wheeled vehicles
- ✓ Tractors and machinery for agriculture and forestry
- ✓ Medical devices
- ✓ Electrotechnics and electronics
- ✓ Social responsibility
- ✓ Information technology
- ✓ In architecture and construction
- ✓ ...

Increased activity of industry participation in the work of technical committees with the aim to have opportunity to discuss and influence on the standard requirements



## PARTICIPATION IN INTERNATIONAL AND REGIONAL STANDARDIZATION



International Organization for Standardization

58 ISO/TC

106 ISO/TC/SC



International Electrotechnical Commission

11 IEC/TC

17 IEC/TC/SC



European Committee for Standardization

63 CEN/TC

3 CEN/CLC/TC



European Committee for Electrotechnical Standardization

13 CLC/TC

*Opportunity to receive preemptive information about requirements to be introduced and influence on them in the interests of economy and organization, prediction of new businesses and projects, ensuring profitable positioning in competitive struggle*



## Tasks in the field of standardization

- ✓ **Adoption of governmental standards of the Republic of Belarus (STBs), harmonized with European ones (ENs), as intergovernmental standards (GOSTs) for implementation of the requirements of the Customs Union technical regulations**
- ✓ **Priority development of intergovernmental standards for implementation of the requirements of the Customs Union technical regulations**
- ✓ **Raising financial resources of public and private sector for development of standards**
- ✓ **Development of standards for test method of safety factors for food products, perfumes and cosmetics, toys, products for children**



## LAW OF THE REPUBLIC OF BELARUS

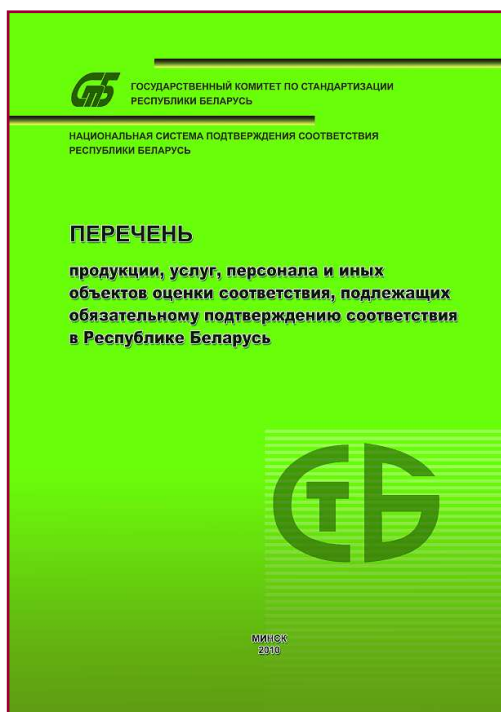
**“On assessment with the requirements of technical normative legal acts in the field of technical regulation and standardization”**

*(31 December 2010 No. 228-3)*

- **Beginning from 1 January 2016** the subjects of the conformity assessments for which the requirements of **technical regulations** are established shall be subject to the mandatory conformity attestation
- **Manufacturer** will have the possibility to replace the declaration of conformity by obligatory certification on its choice
- Procedure of declaration **registration** will remain (in compliance of the Customs Union legislation)
- **Regulations on the mark of compliance to the technical regulation** are formalized



# MANDATORY CONFORMITY ATTESTATION



**Drawing up of new edition of the List of products, services, personnel and other subjects of conformity assessment, subject to mandatory conformity attestation**

## TAKING INTO ACCOUNT

- ✓ **Potential hazard of products**
- ✓ **Establishment of requirements to products in governmental standards**
- ✓ **Transition in preference to declaration**
- ✓ **Avoidance of duplication for the conformity attestation procedures**

**Reduction of the list of products subject to obligatory certification by more than 30 %**



# MANDATORY CONFORMITY ATTESTATION

## RECOGNITION OF TEST RESULTS in foreign laboratories

- ✓ personal protection equipment (Directive 89/686/EEC)
- ✓ building materials (Directive 89/106/EEC)
- ✓ lighting equipment (Directives 2006/95/EC; 2004/108/EC)
- ✓ (in application in medicine – Directive 93/42/EEC)
- ✓ small crafts (Directive 94/25/EC)

- manufactured in the European Union member-states

- which have conformity attestation to the requirements of the EU Directives on safety by European authorized bodies for conformity attestation, included in the EU Register

**Resolution of the Council of Ministers of the Republic of Belarus  
No. 925 of 07 July 2011**



## National Accreditation System of the Republic of Belarus

Law of the Republic of Belarus  
of **31.12.2010 №228-3**  
«On conformity assessment with the  
requirements of technical normative legal  
acts in the field of technical regulation and  
standardization »

**REGULATION (EC) № 765/2008/EC  
OF THE EUROPEAN PARLIAMENT  
AND OF THE COUNCIL**

**National Accreditation  
Body of the Republic of  
Belarus**

—

**Belarusian State Center for  
Accreditation  
(BSCA)**





# National Accreditation System of the Republic of Belarus

## Belarusian State Center for Accreditation



### Normative base

Standards of **ISO/IEC 17 000 series** are adopted as STBs

**The accreditation system of the Republic of Belarus includes:**

- ✓ **2 341 testing laboratories**
- ✓ **102 certification bodies**
- ✓ **205 verification laboratories**
- ✓ **52 calibration laboratories**



## National Accreditation System of the Republic of Belarus

**Bilateral cooperation agreement  
with the accreditation bodies of the:**

<b>Slovakia</b>	<b>SNAS</b>
<b>Lithuania</b>	<b>LA</b>
<b>Latvia</b>	<b>LATAK</b>
<b>Poland</b>	<b>PCA</b>
<b>Estonia</b>	<b>EAK</b>
<b>Moldova</b>	<b>CAECP</b>
<b>Kazakhstan</b>	<b>NCA</b>
<b>Russian Federation</b>	<b>STC «Industrial Safety»</b>
<b>Ukraine</b>	<b>NAAU</b>
<b>Georgia</b>	<b>GAC</b>



## National Accreditation System of the Republic of Belarus



On **01.09.2011** BSCA became an  
associate member of **ILAC**



The application for affiliation  
as an associate member to **EA**  
has been approved



***Thank you for attention!***