

Risks management in technical regulation within the Eurasian Economic Union

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TREATY ON EURASIAN ECONOMIC UNION

Section VII “Regulation of medicinal products and medical devices circulation”

Section X “Technical regulation”

Annex 9

Protocol on technical regulation within the Eurasian Economic Union

Annex 10

Protocol on implementation of coordinated policy on assurance of uniformity of measurements

Annex 11

Protocol on recognition of the results of works on accreditation of the conformity assessment bodies

Section XII “Consumer rights protection”

Annex 13

Protocol on implementation of coordinated policy in the sphere of consumer rights protection

MANDATORY REQUIREMENTS

Technical regulations of the Union

are developed with the aim of:

- Protection of human's life and (or) health, property, environment, life and (or) health of animals and plants
- prevention of actions, misleading consumers
- energy efficiency and resources saving

Not allowed for other goals

National requirements

Prior the technical regulations of the Union entering into force

Are valid in regard to the products, included in the UNIFORM LIST

For products, not included in the UNIFORM LIST, it is not allowed to establish mandatory requirements

TECHNICAL REGULATION

Object of technical regulation

products or **products and related** to the requirements to the
products processes of design (including investigations),
manufacture, construction, installation, setting, operation,
storage, transportation, realization and disposal

UNIFORM LIST of PRODUCTS, for which the mandatory requirements are established within the Customs Union

Products and related to the products processes, representing the greatest hazard

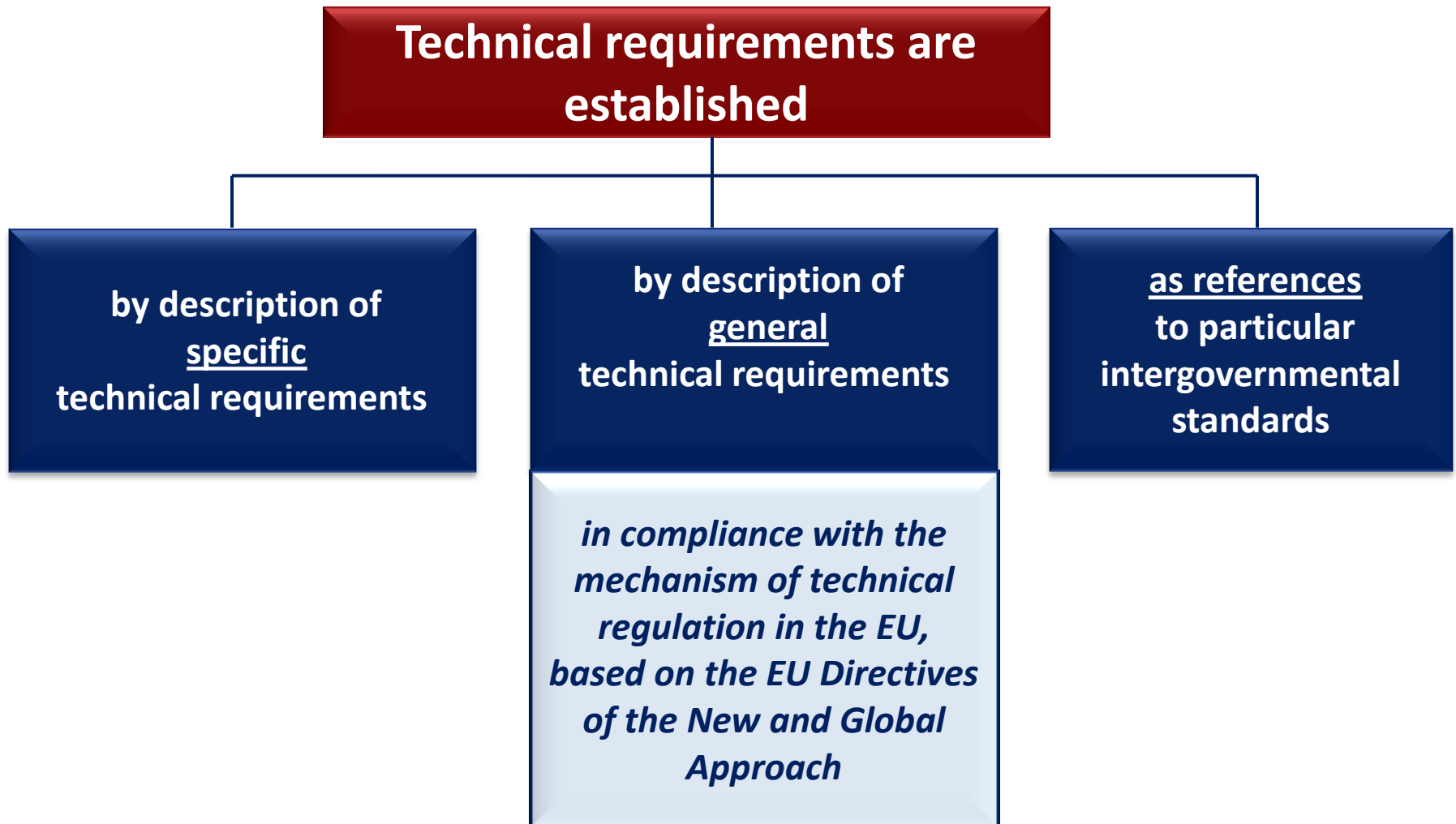
*for the human's life and health, environment, property,
economic safety of the Customs Union member-states*

66 objects of technical regulation

- low voltage equipment
- elevators
- machinery and equipment
- construction products
- toys
- personal protection equipment
- medical devices
- devices operating on gaseous fuel
- devices operating under excessive pressure
- agricultural machinery
- food products
- chemical products
- perfumes and cosmetics
- motor roads
- furniture
- synthetic detergents
- alcoholic beverages
- grain
- coal and its by-products

Approved by the Customs Union Commission Decision of
28 January 2011 No. 526 (as revised by the EEC Council
Decision of 23 November 2012 No. 102)

STRUCTURE of TECHNICAL REGULATIONS



DEVELOPMENT and USE of COMMON STANDARDS for the PURPOSES of the TECHNICAL REGULATIONS of the UNION

GOST standards, common for all the member-states

- **for meet the requirements of technical regulation** of the Union in the issue of application on voluntary basis
- **for control the requirements of the technical regulation** of the Union (products testing)

During the transition period

prior to GOST acceptance

may be used

GOST R

STB

ST RK

MVI

approved (validated)

APPLICATION of COMMON STANDARDS for the PURPOSES of TECHNICAL REGULATIONS of the UNION

List of standards, necessary for compliance with the requirements of technical regulation



*Application of standards,
included in List*



Sufficient condition for compliance with the requirements of technical regulation of the Union



*Non application of standards,
included in List*



Not considered as non compliance with the requirements of technical regulation of the Union

TREATY ON EURASIAN ECONOMIC UNION

- ✓ **Non application of standards**, included in list, can't be considered as non compliance with the requirements of the technical regulation of the Union
- ✓ In case of non application of standards, included in list, conformity assessment is performed **on the basis of risk assessment**

TECHNICAL REGULATIONS of the CUSTOMS UNION

Entered into force 31 TRs CU establish requirements to:

2012

- ✓ fireworks
- ✓ personal protective equipment
- ✓ toys
- ✓ products intended for children and adolescents
- ✓ perfumes and cosmetics
- ✓ light industry products
- ✓ packages
- ✓ gasoline and other kinds of fuels

2013

- ✓ machines and equipment
- ✓ devices operating on gaseous fuel
- ✓ low voltage equipment
- ✓ elevators
- ✓ electromagnetic compatibility of technical means
- ✓ equipment for work in explosive environments
- ✓ food products
- ✓ food products marking
- ✓ food additives
- ✓ specialized food products
- ✓ juice products
- ✓ oil and fat products
- ✓ grain

2014

- ✓ small crafts
- ✓ devices operating under excessive pressure
- ✓ lubricants
- ✓ milk and milk products
- ✓ meat and meat products
- ✓ explosives and products based on them
- ✓ furniture
- ✓ railway rolling stock
- ✓ high-speed railway transport
- ✓ railway transport infrastructure

3 TRs CU to be entered into force for:

2015

- ✓ wheeled vehicles
- ✓ motor roads
- ✓ agricultural and forestry tractors and their trailers

TECHNICAL REGULATIONS OF THE CUSTOMS UNION IN THE FIELD OF MACHINE-BUILDING AND ELECTRICAL ENGINEERING

- On safety of machines and equipment
- On safety of equipment for work in explosive environments
- On safety of devices operating on gaseous fuel
- Safety of elevators
- On safety of low voltage equipment
- Electromagnetic compatibility of technical means

*Entered into
force
15.02.2013*

JUSTIFICATION of SAFETY

document, containing **the risk analysis**, as well as the **information** from design, maintenance, technological documentation **about minimum necessary measures for ensure safety**, accompanying machines and (or) equipment at all stages of life cycle and complemented with information on the results of the risk assessment at the stage of service after overhaul

JUSTIFICATION OF SAFETY



- general description of the machine or equipment
- general parameters and characteristics of the machine or equipment
- general principles of safety ensuring in design of the machine or equipment
- risk assessment
- information on the machine or equipment compliance with the requirements of the technical regulation

PROBLEMS with RISK ANALYSIS IMPLEMENTATION

- **Determination of the comprehensive list of possible scenarios of hazards, hazardous situations and harmful events**
- **Identification of all sources of potential risk**
- **Reliable prediction of consequences (severity of harm and probability of occurrence of that harm)**

PROPOSALS for DECISION

- **Special training for personnel on risk analysis implementation**
- **Classification of “type” hazards and possible consequences for groups of products**
- **Collection of information on incidents (institute of risks analysis)**
- **Preparation of recommendations on application of technical regulations, including for special groups of products**

TREATY ON EURASIAN ECONOMIC UNION

Released **products** should be safe

✓ Assurance of safety for all kinds of products:

- *in case of absence of technical regulations of the Union*
- *when all kinds of risks are not considered in technical regulations of the Union*

Rules and order for safety assurance and products circulation, for which the requirements are not established by technical regulations of the Union

are defined by individual international agreement

Thank you for attention!

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