



Customs Union Commission
Decision
of October 18, 2011 N 824
On the adoption of technical regulations customs union
"Elevator Safety"

(Ver. Decision of the Commission of the Customs Union, EurAsEC
[from 09.12.2011 N 884](#) , [from 04.12.2012 N 249](#))

In accordance with [Article 13](#) of the Agreement on common principles and rules of technical regulation in the Republic of Belarus, the Republic of Kazakhstan and the Russian Federation on 18 November 2010, the Commission of the Customs Union (hereinafter - the Commission) has decided:

1. Adopt technical regulations of the Customs Union "Security lifts" (TR TC 011/2011) (attached).

2. Approve:

2.1. The list of standards on a voluntary basis, in compliance with the technical regulations of the Customs Union "Security lifts" (TR TC 011/2011) (attached)

2.2. The list of standards containing rules and methods (tests) and measurements, including the rules of sampling necessary for the application and enforcement of the technical regulations of the Customs Union "Security lifts" (TR TC011/2011) and the implementation of assessment (confirmation) of products (attached).

3. Install:

3.1. Technical Regulations of the Customs Union "Safety of lifts" (hereinafter - the Technical Regulations) come into force on February 15, 2013,

(Ver. Decisions of the Commission of the Customs Union, EurAsEC [from 09.12.2011 N 884](#))

3.3.1. Until November 15, 2013 allowed the production and issuance of the customs territory of the Customs Union of products that are not subject to the entry into force of the Technical Regulations mandatory assessment (confirmation) mandatory requirements established regulations of the Customs Union, or the law of the state - a member of the Customs Union, without documents mandatory assessment (confirmation) and unmarked national conformity (a mark of market)

(Ver. Decisions of the Commission of the Customs Union, EurAsEC [from 04.12.2012 N 249](#))

3.2. Until March 15, 2015 allowed the production, putting into circulation of products in accordance with regulatory requirements, previously established regulations of the Customs Union or legislation State - a member of the Customs Union on its territory, in the presence of evaluation documents (confirmation) of the equipment required requirements, issued or adopted before the effective date of the Technical Regulations.

(in red. Decisions of the Commission of the Customs Union, EurAsEC [from 09.12.2011 N 884](#))

The above products are marked national conformity (a mark of market), in accordance with the laws of the state - a member of the Customs Union.

Labeling of such products with a mark of one product on the market states - members of the customs union is not permitted;

3.3. Appraisal Documents (confirmation) of compliance with mandatory requirements of the regulations of the Customs Union or law of the State - a member of the Customs Union, issued or adopted for the products to which the technical regulation Technical Regulations (hereinafter - the products), before the coming into force of technical regulations shall be valid until the end of their validity, but not later than 15 March 2015. These documents, issued or adopted prior to the date of publication of this Decision shall be valid until the end of their validity.

(in red. Decisions of the Commission of the Customs Union, EurAsEC [from 09.12.2011 N 884](#))
the date of entry into force of the Technical Regulations issuance or acceptance evaluation documents (confirmation)conformity of the product with mandatory requirements previously established regulations of the Customs Union, or the law State - a member of the Customs Union is not allowed.

Elevators, put into service before the entry into force of this Technical Regulation and exhaust specified lifetime, must be brought into compliance with the Technical Regulations before the end of its service life;

3.4. Handling products released into circulation during the period of evaluation documents (confirmation) specified in subparagraph 3.3 of this Solutions and products referred to in paragraph 3.3.1 of this Decision shall be allowed during the life of products, established in accordance with the laws of the state - a member of the Customs Union.

(in red. Decisions of the Commission of the Customs Union, EurAsEC [from 04.12.2012 N 249](#))

4 . Secretariat of the Commission with the Parties to prepare a draft plan of action necessary for the implementation of technical regulations and, within three months from the date of entry into force of this Decision provide a submission to the Commission for approval in due course.

5. Kazakh Party with Parties on the basis of the monitoring results of the application of standards to ensure the preparation of proposals to update List of standards referred to in paragraph 2 above, and present at least once a year from the date of entry into force of technical regulations in the Secretariat of the Commission for approval by the Commission in the prescribed manner.

6. Russian party with Parties to ensure development of a standard to determine the energy efficiency class elevator.

7. Parties:

7.1. to the date of entry into force of the Technical Regulations define the state control (supervision), responsible for state control (supervision) over compliance with the Technical Regulations, and to inform the Commission;

7.2. ensure that the state control (supervision) over compliance with the Technical Regulations of the date of its entry into force. Members of the Commission of the Customs Union:

From the Republic of Belarus S.RUMAS	From the Republic of Kazakhstan U.Shukeyev	From the Russian Federation IGOR SHUVALOV
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The list of standards as a result of which on a voluntary basis, compliance with technical regulations customs union "elevator safety"

N	Elements of the technical regulations of the Customs Union	Designation Standard. Information about changes	Standard name	Note
1	2	3	4	5
1.	Article 4. Security requirements, paragraph 1	GOST R 53780-2010	Elevators. General safety requirements for equipment and systems	
	Appendix 1, item 1	(EN81-1: 1998, EN81-2: 1998) standard as a whole		
2.	Article 4. Security requirements, paragraph 1	GOST R 51631-2008	Lifts. Specifications for accessibility including accessibility for disabled people and others with limited mobility	
	Annex 1, Section 2	(EN81-70: 2003) standard as a whole		
3.	Article 4. Security requirements, paragraph 1	GOST R 52382-2010	Lifts. Lifts for firefighters	
	Appendix 1, item 3	(EN81-72: 2003) standard as a whole		
4.	Article 4. Security requirements, paragraph 1	GOST R 53780-2010	Elevators. General safety requirements for equipment and systems	
	Annex 1, section 4	(EN81-1: 1998, EN81-2: 1998) §		

		5.5.3.21		
5.	Article 4. Security requirements, paragraph 1	GOST R 52624-2006	Lifts. Vandal resistance requirements	
	Appendix 1, Section 5	(EN81-71: 2005) standard as a whole		
6.	Article 6. Demonstration of compliance with the elevator, elevator safety devices, § 2, 5)	GOST R 53387-2009	Elevators, Escalators, Passenger Conveyors. The methodology of analysis and risk reduction	
		(ISO / TC 14798:2006) standard as a whole		

Members of the Coordinating Committee for Technical Regulation, application of sanitary, veterinary and phytosanitary measures and authorized representatives of the Parties:					
From the Republic of Belarus		Of the Republic of Kazakhstan		From the Russian Federation	
	VN Roots		RA Satbaev		VY Salamatov
	VM Kazakevich		SS Khasenov		ON Aldoshin
	IA Zastenskaya		NO Sadvakasov		AL Safonov
Executive secretary of the Coordination Committee			MG Chuiko		
The experts of the Parties:					
From the Republic of Belarus		Of the Republic of Kazakhstan		From the Russian Federation	

The list of standards contain rules and methods (tests) and measurements, including the right of bidders to those required for application and enforcement requirements of technical regulations customs union "elevator safety"

N	Elements of the technical regulations of the Customs Union	Designation Standard. Information about changes	Standard name	Note
1	2	3	4	5

1.	Article 6. Demonstration of compliance with the elevator safety device elevator § § 1, 2	GOST R 53781-2010 standard in general	Elevators. The rules and methods (tests) and measurements for certification of elevators. Rules of sampling	Certification before release into circulation
2.	Article 6. Demonstration of compliance with the elevator safety device elevator part 3	GOST R 53782-2010 standard in general	Elevators. Regulations and conformity assessment of lifts during commissioning	Declaration of Conformity-mounted lift facility prior to commissioning
3.	Article 6. Demonstration of compliance with the elevator safety device elevator subsections 4, 5	GOST R 53783-2010 standard in general	Elevators. Regulations and conformity assessment of lifts in operation period	Conformity assessment of lifts during the operation and after working out its service life

Members of the Coordinating Committee for Technical Regulation, application of sanitary, veterinary and phytosanitary measures and authorized representatives of the Parties:					
From the Republic of Belarus		Of the Republic of Kazakhstan		From the Russian Federation	
	VN Roots		RA Satbaev		VY Salamatov
	VM Kazakevich		SS Khasenov		ON Aldoshin
	IA Zastenskaya		NO Sadvakasov		AL Safonov
Executive secretary of the Coordination Committee				MG Chuiko	
The experts of the Parties:					
From the Republic of Belarus		Of the Republic of Kazakhstan		From the Russian Federation	

TECHNICAL REGULATIONS CUSTOMS UNION
Elevator safety
TR TC 00_/2011

Foreword

1. This technical regulation of the Customs Union developed in accordance with the Agreement on common principles and rules of technical regulation in the Republic of Belarus, the Republic of Kazakhstan and the Russian Federation on November 18, 2010.

2. This technical regulation of the Customs Union is designed to establish a single customs territory Customs Union, a mandatory to implement and enforce the requirements for lifts, ensuring free movement of elevators into circulation in the common customs territory of the Customs Union.

Article 1. Sphere of application

1. This technical regulation of the Customs Union applies to elevators and elevator safety device, intended for use and used in the states - members of the Customs Union.

The action of this technical regulation of the Customs Union shall extend to all lifts and lift safety devices (buffers, catcher, stoppers speed, door locks mine Hydro-apparatus safety).

effect of this technical regulation of the Customs Union does not apply to elevators to be used and used:

- in the mines and the coal mining industry
 - in ships and other floating craft,
 - platforms for exploration and drilling at sea
 - on airplanes and aircraft,
- as well as elevators:
- with rack and pinion or screw lifting mechanism;
 - special for military purposes.

2. This technical regulation specifies the requirements of the Customs Union to the elevators and elevator safety devices in order to protect human life and health, property, and the prevention of actions misleading purchasers (users) with respect to their purpose and security.

Article 2. Definitions

This technical regulation of the Customs Union, the following terms and definitions:

buffer - a device designed to limit the deceleration of a moving car, the counterweight to reduce the risk of injury or damage equipment when passing cab, counterweight extreme position;

Hydro-apparatus security - a hydraulic device (valve rupture), rigidly connected to the hydraulic cylinder and is intended to prevent the fall of the cab,

locking landing doors - automatic device for locking landing doors;

service area - a free site near with equipment elevator on which the staff has the equipment;

manufacturer - legal entity, including a foreign or self-employed entrepreneurs in its own name production and (or) sale of elevators, security devices and the responsibility for compliance with the requirements of the technical regulations of the Customs Union;

cabin - part of the lift is designed to accommodate people and (or) the goods as they move from one level to another,

a lift - a device designed to move people and (or) goods from one level to another in the cockpit, moving on rigid rails, in which the angle of inclination from vertical to 15 °;

catcher - a device designed to stop and hold the cab (counterweight) on the rails in excess of the speed of the set and (or) at break traction elements,

elevator modernization - measures to improve the safety and technical standards in service elevator to the level set by this technical regulation ,

rated speed - speed of the car, which is designed elevator;

limiting device - a device designed to activate the mechanism catchers installed in excess of the speed of the car, the counterweight;

lift passport - a document containing information about the manufacturer, date of manufacture of the lift and its serial number, basic specifications and features elevator and its equipment, information on safety equipment, service life, the elevator, and also designed to record data during the operation,

the application for purpose - the use of elevators in accordance with its purpose specified by the manufacturer of elevators in operational documents;

working platform - a device designed for staff working for the repair and maintenance of elevator equipment;

standard sample - the elevator, which has the main features of standard series of lifts,

standard series - elevators, characterized by a single design solutions, differing characteristics of load, speed, lift height and (or) a complete set of equipment elevator drive, cabin management systems, as well as relative position equipment

maintenance elevator - set of operations to maintain the health and safety of the lift during its operation;

elevator safety device - a technical means to ensure the safety elevator;

traffic control device - a technical means for remote control operation of the lift and to communicate with the dispatcher (operator)

operation of the elevator - the stage of the life cycle of the elevator, on which it is implemented, maintained and restored its quality, includes proper usage, storage during operation maintenance and repair.

Article 3. Rules of market

1. Elevators, elevator safety devices are issued to the market on the territory of states - members of the Customs Union, provided that they meet this technical regulation of the Customs Union.

2. Elevators, elevator safety device, into circulation, must meet the security requirements for the entire service life specified by the manufacturer, provided the use of the elevator safety device for its intended purpose, to meet the manufacturer's documentation, in accordance with paragraph 2 of Article 4 of the Technical Regulations.

3. Elevators, elevator safety device, into circulation, must be fitted to the supporting documentation the official language of the state - a member of the Customs Union and (or) in Russian.

Supporting documentation includes:

- Manual (Manual) Manual;
- passport
- Installation drawing,
- circuit diagram with a list of elements
- the fundamental hydraulic circuit (for hydraulic lifts)
- A copy of the certificate to the elevator safety device elevator (subject to paragraph 2.7 of Article 6) , fire doors (if available).

guide (manual) service shall include:

- installation manual containing instructions for assembly, adjustment, regulation, order tests and inspections;
- Guidance on the use and safety measures during the operation of elevators, including start-up, intended use, maintenance, inspection, inspection, repair, testing,
- a list of easy worn parts;
- methods for the safe evacuation of people from the cabin;
- instructions decommissioning before disposal.

4. The elevator should be applied in any manner that provides a clear and precise picture for the life of the lift, comprising: manufacturer's name and (or) its trademark; identification (serial) number of the elevator, the year of manufacture.

This information is located in the cab or on the car, in a place accessible to staff.

5. On elevator safety device must be applied in any manner that provides a clear and precise picture for the life of the one containing the name of the manufacturer, and (or) its trademark; identification number.

Article 4. Requirements for Safety

1. To ensure the safety elevator in the design, manufacturing, installation and during its service life, provides means and (or) measures for general safety requirements and, subject to the appointment and conditions of service elevators, special safety requirements established by Annex 1. energy efficiency class indicated in the technical documentation for the elevator and its labeling.

2. To ensure the safety mounted on the elevator facility prior to use must meet the following requirements:

2.1. elevator installation is carried out by qualified personnel for installation of elevators in accordance with the documentation to the installation instructions for assembly Setup and adjustment, as well as in accordance with the design documentation for the installation of lifts,

2.2. conformity assessment and input-mounted lift-up according to the procedure laid down in Article 6 of the Technical Regulations.

3. In order to ensure safety during the service life, the elevator must meet the following requirements:

3.1. Intended use of the elevator, a maintenance, repair, inspection of the lift in accordance with the guidelines manufacturer's operating instructions;

3.2. perform maintenance and repair of elevators qualified personnel;

3.3. conformity assessment in the form of technical examination of the lift in accordance with Article 6 of this technical regulation;

3.4. at the end of its service life, you cannot use the elevator to the destination without conformity assessment to determine the feasibility and conditions of renewal of elevators on purpose, performance upgrade or replace based on an assessment of compliance.

Conformity assessment is carried out in accordance with Article 6 of the Technical Regulations.

5. In the absence of a lift in the passport, put into operation before the entry into force of these technical regulations, information on its service life, the life of the designated elevator is set to 25 years from the date of entry into operation.

referent: The electronic document paragraph numbering corresponds to the official source.

6. Safety requirements for the disposal of elevators are established by states - members of the Customs Union.

Article 5. Compliance with safety requirements

Compliance with elevators and elevator safety devices this technical regulation of the Customs Union is ensured by its safety or performance requirements directly related to this technical regulation of the Customs Union standards.

Performing voluntary requirements related to the present technical regulation standards indicates compliance of elevators and elevator safety device requirements of this Technical Regulation.

Article 6. Demonstration of compliance with the elevator, elevator safety devices

1. Demonstration of compliance with the elevator and elevator safety devices as specified in Annex 2, the requirements of these technical regulations implemented in the form of mandatory certification before releasing them into circulation in the states - members of the Customs Union.

2. Certification of the elevator and elevator safety devices in the following order:

2.1. certified elevator and elevator safety devices listed in Appendix 2, provides the certification body, accredited to the established order (hereinafter - the certification body), under a contract with the applicant;

2.2. mandatory certification of elevator and elevator safety devices intended for mass production, are carried out on 1s specified in Annex 3. In this case the applicant is a manufacturer (the person authorized by the manufacturer), elevators, elevator safety devices;

2.3. mandatory certification of a single elevator manufacture, lift a single security device manufacture of elevator once manufactured Party and elevator safety device of the party once manufactured by the scheme 3c (for once manufactured batch) and 4c scheme (for a single production) specified in Annex 3,

2.4. mandatory certification for the applicant to apply for certification, which includes the following information:

- the name and address of the applicant;
- the name and address of the manufacturer;
- information to identify the object of certification;
- Information about the place of the test facility certification
- information about the standards that are applied on a voluntary basis to ensure that the elevator and elevator safety device requirements of this technical regulation;

2.5. the application for certification is accompanied by documents showing compliance with the requirements of these technical regulations:

a) for the certification of lift:

- technical specifications,

- a guide (instructions) for use;
 - A circuit diagram with a list of items;
 - Hydraulic circuit with a list of items for the elevator with a hydraulic drive,
 - test and measurement, risk analysis, performed by the manufacturer or on his behalf (if any)
 - Copies of certificates of conformity with technical regulations on safety devices or, in the case specified in this Technical Regulation , test and measurement
 - a copy of the certificate of quality management system (if any) issued by the entity, accredited in the state -a member of the Customs Union,
- b) for certification of safety devices of lift:
- Technical documentation (descriptions, drawings, pictures)
 - a copy of the certificate of quality management system (if any) issued by the entity, accredited in the State - a member of the Customs Union;

2.6. when certifying the applicant is a lift for testing mounted single elevator manufacturing standard sample batch manufactured simultaneously lifts or standard sample standard series production of elevators and documents referred to in sub-paragraph 2.5 a) this section;

2.7. when certifying elevator safety devices as specified in Annex 2, the applicant shall submit to the certification body for testing in the states - members of the Customs Union:

- a single security device manufacturing standard sample of the safety devices at one time manufactured batch, the sample standard series production safety devices;
- component parts needed for testing of certified safety devices;
- The documents specified in sub-paragraph 2.5 b) of this Article.

Elevator safety device, made now - lift manufacturer, used them for acquisition of own production of elevators and supplied as spare parts to replace identical devices on the elevators elevator safety of its own production, are not subject to mandatory certification. Test procedure of elevator safety devices fitted as standard from a list approved by the Commission of the Customs Union.

The results of these tests form of protocols. Copies of the minutes are available for certification of elevators;

2.8. identification of the elevator and elevator safety devices as specified in Annex 1 to the technical regulations implemented by the certification body by establishing the identity of their characteristics essential attributes;

2.9. to the essential features of the lift is all of the following criteria:

- the presence of the cabin,
- the presence of rigid rails;
- angle to the vertical rails up to 15 degrees
- the presence of a drive to raise or lower the cabin;

2.10. essential feature of the elevator safety devices as specified in Annex 2, is their functionality,

which follows from the definitions of the concepts referred to in Article 2 of the Technical Regulations.

identification is carried out using the claimant documentation.

identification is the result of the assignment or not rendering products to the object of the present technical regulation technical regulations;

2.11. (tests) and measurements for mandatory certification of elevators and elevator safety device conducts accredited in accordance with established order testing laboratory (center);

2.12. certification body within the time specified by the agreement with the applicant provides certification in accordance with the selected certification scheme and decides to issue a certificate of compliance or refusal to extradite him.

Certificate and its applications should contain information about the type (model), the manufacturer, the country origin of the lift and the following components and the safety of lift:

- winches
- hydraulic (hydraulic lift)
- a control system (PLC)
- drive car door;
- Landing doors;
- door locks mine;
- catchers,
- the speed limiter,
- buffer,
- Hydro-apparatus security.

A decision to refuse to issue a certificate of conformity shall contain a reasoned justification for non-compliance or the elevator safety device elevator requirements of these technical regulations.

After eliminating this discrepancy the applicant can re-apply to the certification body with an application for a certificate of conformity;

2.13. Validity of certificates of conformity for serially produced elevators and elevator safety devices should not exceed five years for the scheme 1c specified in Annex 2 to the technical regulations.

Elevators and elevator safety device, issued by the manufacturer within a specified period of the certificate of compliance for serial products, the certificate of conformity is valid for the life of the lift.

For elevators and elevator safety devices disposable manufacturing elevators and elevator safety device of a time of manufactured party conformity certificate issued by the schemes 3c and 4c, specified in Annex 3 to this technical Regulation, is valid until the end of life lift;

2.14. the expiration of the certificate of conformity for commercially available lifts and lift safety devices the applicant may apply to the certification body for certification of conformity in accordance with this article, or to contact the certification authority that issued the certificate with the application for the renewal of a certificate compliance. The certificate of conformity with the application of the

scheme 1s specified in Annex 3 to this technical regulations may be extended to five years respectively by a decision of the certification body, conducted the previous certification, based on an analysis of information of the applicant and the results of the inspection control of the certified object of certification (the certification scheme 1c).

For the renewal of a certificate of conformity to the applicant must submit a certification body an application for renewal of the certificate of conformity, which is attached to the information containing the information that, since the last inspection control in the design of the certified elevator and elevator safety device is not modified.

certification body on the basis of analysis of information provided by the applicant, and the results of the inspection control decides to extend or refuse to extend the term of the certificate of conformity and inform the applicant of its decision within a period not exceeding 10 days from the of the decision. The decision to refuse the renewal of the certificate must contain a reasoned justification for non-compliance and lift devices elevator safety requirements of this technical Regulations.

Information on the extension or to refuse to extend the term of the certificate of conformity is directed by the certification body within a period not exceeding 10 days from the date of the decision, the state control (supervision), authorized to monitor compliance with the requirements of the technical regulations;

2.15. the applicant shall notify the certification body that issued the certificate of conformity of the changes made in the design of safety devices elevator specified in Appendix 2, as well as changes in the design of the lift, affecting its security.

Certification body is reviewing the documentation provided by the applicant and make a decision for renewal of a certificate of conformity with a modified lift and (or) a lift or safety devices need to conduct new tests elevator and (or) the elevator safety devices;

2.16. Certification body shall suspend the certificate of conformity (scheme 1c) if the requirements stipulated in paragraph 2.15 of this articles, and (or) with negative results of the inspection control of the certified products;

2.17. for Outstanding products in the states - members of the Customs Union should be stored on a set of documents:

- lift and elevator safety device - the manufacturer for at least 10 years from the date of withdrawal (termination) from the production of elevators;

- the party of elevators and elevator safety devices (single product) - the seller (supplier) for at least 10 years from the date of implementation of the last product of the party (a single product).

Copies of the documents used in the certification of lifts for compliance with the technical regulations, and copies of certificates of conformity to be stored in the certification body that issued the certificate of compliance, during the term of the certificate of conformity, and for five years after its expiration,

2.18. a set of documents to be submitted for certification, performed the official language of the state - a member of the Customs Union and (or) Russian.

3. Conformity assessment assembled on-site elevator before commissioning requirements of this technical Rules are in the form of declaration of conformity lift scheme 4d specified in Annex 3 to this technical regulation, in the following order:

3.1. declaration of conformity is the elevator from his own evidence and evidence obtained with an accredited testing laboratory (center).

As evidence of its own protocol is used to verify the operation elevator after elevator installation, passport, assembly drawing mounted lift and project documentation for the installation of an elevator.

Assembly drawing elevator shall contain the information and dimensions required to verify compliance with the requirements of the elevator installation of these technical regulations. In the drawing, specify the types and sections (with dimensions), including mine, engine block and space, giving an idea of the layout and interconnection of components of the lift and load of the elevator to the construction of the building (structure);

3.2. application is submitted by an accredited testing laboratory (center);

3.3. accredited testing laboratory (center) conducts audits, investigations, testing and measurement in the terms defined by the contract with the applicant. Thus made:

- to check compliance elevator installation documentation for installation and project documentation for installing an elevator in the building (construction)

- to check the functioning of the elevator and elevator safety devices,

- test the insulation of electrical networks and electrical, optical and measuring testing ground (neutral)elevator equipment;

- Test of traction elements traction (friction drum) and test the brake system on the elevator with electric drive;

- tightness test of the hydraulic cylinder and the pipe on the elevator with a hydraulic drive,

- a test of strength cabin, traction elements, suspension and (or) supports cabin elements of their attachment;

3.4. results of audits, investigations, tests and measurements of the form of protocols, copies of which are attached to the passport lift.

Specialist accredited testing laboratory (center), makes an entry in the passport lift the results of audits, investigations, tests and measurements;

3.5. declaration of conformity lift requirements of this technical regulation applies to passport lift. Passport elevator and declaration must be kept within the specified term of service elevator;

3.6. before commissioning can not use the elevator to transport people and (or) goods, except as related to its installation, commissioning and testing;

3.7. enter the elevator in operation is carried out in accordance with the legislation of the state - a

member of the Customs Union.

4. Conformity assessment of lifts during its service life, is in the form of technical examination at least every 12 months, the organization that is accredited (authorized) in accordance with the laws of the State - a member of the Customs Union.

conformity assessment results issued elevator act and indicated in the passport lift.

5. Conformity assessment elevator spent specified lifetime, take the form of a survey organization accredited (authorized) in accordance with the laws of the State - a member of the Customs Union;

5.1. when examining the lift is determined by:

- Compliance with the elevator, spent specified lifetime, the general safety requirements set out in Annex 1 to the technical regulations and (subject to the destination elevator) special safety requirements set out in Annex 1 to this technical regulation;

- the necessary measures (including modernization of the elevator), and terms of performance measures to ensure compliance with the requirements of this lift the technical regulation;

5.2. survey conducted by the elevator:

- Determination of the equipment lift, including elevator safety device, identifying defects, malfunctions, wear and corrosion

- control metal frame, cab suspension, counterweight, and guides and elements of attachment,

- test the insulation of electrical networks and electrical, optical and measuring testing ground (neutral) equipment lift.

Information on the surveys listed in the passport lift ,

5.3. Based on the survey results issued a report containing:

- the conditions and potential for renewal of elevators;

- Recommendations for upgrading or replacing the elevator.

Conformity assessment elevator after upgrading or replacement is carried out in the manner prescribed by paragraph 3 of this article.

When assessing the compliance of the modernized elevator additionally carried out:

- to check compliance with the general requirements of the modernized elevator safety requirements established in Annex 1 to this technical regulation, and (subject to the destination elevator) Special safety requirements set out in Annex 1 to this technical regulation;

- Verification of compliance with the elevator installation project documentation for modernization;

- Check the recommendation to upgrade the elevator, in the conclusion of the results of conformity assessment of lifts, exhaust specified lifetime.

applicant based on the positive results of conformity assessment draws up a declaration of conformity and assign a new life of the elevator makes the passport record of durability and technical readiness of the elevator for commissioning,

5.4. without the need to upgrade or replace the elevator and fulfillment of life extension a minimum

period of elevators to destination;

5.5. elevators, commissioned before the entry into force of this technical regulation and spent specified lifetime, must be brought into compliance with the requirements of the technical regulations in a period not exceeding seven years from the date of entry into force of the technical regulations.

Article 7. Sign marking of products on the market states - members of the Customs Union

1. Lifts, safety devices that meet the requirements of security and undergone a process of conformity shall be marked with a single sign of products on the market states - members of the Customs Union.

2. Single sign marking of products on the market states - members of the Customs Union is to launch lifts, safety devices in circulation in the market.

3. Single sign of products on the market states - members of the Customs Union is applied to each lift and elevator safety device, according to the approved list, and is given in the annexed operational documents.

4. Marking elevators, the safety mark of one product on the market states - members of the Customs Union, a sign of the requirements of this Technical Regulation.

5. Single sign of products on the market states - members of the Customs Union is applied in any manner that provides a clear and precise picture for the life of the lift.

Article 8. Protection clause

1. State - members of the Customs Union shall take all measures to limit, prohibition of issue of elevators and elevator safety devices on the customs territory of the states - members of the Customs Union, which are dangerous to life and human health and property. The competent authority of the State - a member of the Customs Union shall notify the Commission of the Customs Union and the competent authorities of other countries - members of the Customs Union of the decision with the reasons of this decision and the provision of evidence, explaining the need for the measure.

2. The basis for the application of Article defense may be the following cases:

- failure to comply with these technical regulations of the Customs Union;
- misuse related to this technical regulation standards, if these standards have been applied;
- Other reasons for the ban of production lifts in circulation in the market.

Article 9. Transition periods

Certificates of compliance for elevators, elevator safety devices issued before the entry into force of this technical regulation accredited certification bodies states - members of the Customs Union, are in the state - a member of the Customs Union, in which they were issued before the end of the duration specified in the certificate.

*Appendix 1
to the technical regulations
of the Customs Union
"Security lifts"*

SAFETY

1. To ensure the safety lifts must meet the following general requirements:
 - 1.1. Inaccessible to the user and bystanders lift equipment to be installed in:
 - Cabinets to house equipment
 - machinery space;
 - block area;
 - the elevator shaft, with the exception of equipment located in the elevator;
 - 1.2. Availability of measures to protect users and bystanders from injury due to contact with moving parts of the equipment lift,
 - 1.3. presence of security devices, locks to stop or prevent movement of the cabin, if the door is not closed mine, was not locked, the door for the technical equipment maintenance, emergency door, cap visor and an escape hatch, the car door is not closed. This requirement does not apply to pre-opening automatic doors at the approach of the cab to the landings and provided for in the design mode of the elevator cab to the finishing level landings when loading / unloading;
 - 1.4. Having the ability to evacuate people safely from the stopped car personnel;
 - 1.5. elevator equipment, available to users and other persons should not have surfaces with irregularities representing them at risk;
 - 1.6. availability of funds for cabin lighting, designed for the transport of persons, including the interruption of power supply,
 - 1.7. elevator equipment must comply with environmental, seismic conditions that included the operation of elevators,
 - 1.8. availability of funds and (or) measures to prevent the fall of persons in the mine floor to the mine and adjacent areas of the building (structure), and from the cabin;
 - 1.9. size doorway lift must ensure safe entry into and exit from the cab on her landings, safe loading

and unloading of the cab;

1.10. horizontal and vertical distance between the thresholds landings and cabins must ensure safe entry into the cockpit and exit;

1.11. the distance between the elements of the construction of the mine car and must exclude the possibility of man's entry into the mine shaft when the doors are open and the cockpit, as well as finding a cab in the area of landings,

1.12. availability of means to prevent or reduce compression forces a person or object in the path of movement automatically closing the car door, and (or) the mine to the limits, which reduce the risk of injury;

1.13. cabin, traction elements, suspension and (or) support cab, counterweight, the elements of attachment must withstand the stresses of intended use and testing of the lift,

1.14. cab, designed to move people, means to connect to a two-way intercommunication with which passengers can get help from outside,

1.15. availability of funds to prevent an overloaded car start in normal operation;

1.16. availability of funds, limiting the movement of the cabin beyond extreme operating positions (floor areas);

1.17. availability of funds, limiting the amount exceeding the rated speed of the cab while driving down to the limits that reduce the risk of injury and damage to equipment;

1.18. catchers and buffer shall be maintained deceleration of the car to reduce the risk of personal injury or damage to equipment;

1.19. providing air in the cabin is designed to move people;

1.20. size and location of work areas for equipment maintenance should be sufficient to ensure the safe performance of work;

1.21. availability of safe access for personnel to lift equipment;

1.22. availability of safe entry of personnel to the site in the mine, and (or) the cabin roof and exit from it;

1.23. working platform, and (or) cabin roof (if necessary placement staff) must withstand the load from located on personnel;

1.24. availability of funds and measures to reduce the risk of falling staff work area, located in the mine, and (or) from the roof of the cab;

1.25. availability of funds to stop and traffic control cabin staff for maintenance. At the need to move personnel mine in the cabin must be provided by means of traffic control safe speed and stop the cabin staff. These funds should not be available to users and bystanders;

1.26. availability of measures and (or) means to prevent injury being in the elevator shaft of staff in uncontrolled movement of the elevator;

1.27. availability of measures and (or) means to prevent personal injury elements of lifting

equipment: belts, pulleys, blocks, serving the motor shaft, gears, sprockets, drive chains as they move;

1.28. availability of funds for a light level of service areas, sufficient for safe operation personnel;

1.29. availability of measures and (or) means to ensure electrical safety of users, and other officers and staff at their impact on the elevator control apparatus, and (or) touch the conductive structures lift;

1.30. fire rating of the landing doors shall be installed in accordance with the requirements of fire safety;

1.31. availability of measures to ensure the opportunity for passengers to safely leave the cabin in the event of fire hazards in the building (construction);

1.32. must provide for the requirements for the safe disposal of elevators.

2. To ensure safety in the elevator, including designated for handicapped and people with limited mobility, subject to the following special requirements:

2.1. dimensions of the cockpit, cabin and the door opening of the mine should ensure a safe entry and exit from the cabin, as well as placement in the cockpit user to a wheelchair;

2.2. car door and landing, designed to transport the user in the wheelchair without the accompanying need to open and close automatically;

2.3. elevator car shall be equipped with at least one handrail, the location of which should facilitate the user access to the cab and to the control device,

2.4. horizontal and vertical distance between the thresholds cab and landings must provide safe entry and exit to the cabin from the cockpit user to a wheelchair;

2.5. construction and arrangement of the control and alarm (sound and light) in the car and on the landings should provide safety and availability of lifts for the disabled and other people with limited mobility.

3. To ensure safety in the elevator that provides transportation of firefighters during a fire, subject to the following special requirements:

3.1. size and capacity of the elevator cab should provide transportation firefighters with equipment to fight the fire and (or) people who are being saved in the fire;

3.2. control and signaling to the elevator to operate under the direct control of the fire. OtherModes to lift off;

3.3. Light speed elevator control, independently of the other elevators, united with it the system of group management;

3.4. the presence of visual information in the car and on the main landing (destination) location cabin floor and direction of its motion;

3.5. the doors of the elevator shaft must be fire, fire resistance which is established in accordance with the requirements for fire safety of buildings (structures);

3.6. availability of measures and (or) means of evacuation from the cabin fire, stopped between floors;

3.7. use in the construction coupe cabin materials that reduce the risk of fire danger indices applicable to combustibility, flammability, smoke-forming ability, flame spread and toxic when burned.

4. To ensure the safety elevator, designed for connection to a supervisory control, subject to the following special requirements:

It shall be possible to remove the signal for transmission from the elevator to the unit supervisory control over his work, the following information:

on operation of electrical safety circuits;

the unauthorized opening of the landing doors;

opening the door (cover) control unit elevator machine room.

5. To ensure the safety elevator to be installed in the building, construction, which may deliberate damage lift equipment must meet the following specific requirements:

5.1. walling coupe cabin and the walls, ceiling and floor should be made of materials that reduce the risk of intentional damage or ignition;

5.2. control devices, alarm systems, lighting in the cabin and on landings must be designed and implemented from materials that reduce the risk of intentional damage or ignition;

5.3. should provide a solid fence mine;

5.4. availability of deducing lift from "Normal operation" to unauthorized opening of the landing doors with no car on the floor in the "normal operation". Return to "Normal operation" should be the staff.

*Annex 2
to the technical regulations
of the Customs Union
"Security lifts"*

LIST OF SAFETY DEVICES LIFT subject to mandatory certification

1. Buffer:

- Energy storage type (except for buffers energy storage type LINEAR)
- with non-linear characteristics,
- with amortized return stroke;
- Energy storage type.

2. Hydro-apparatus security (explosive valve).

3. Door lock shaft.
4. Catchers.
5. Speed limiter.

*Annex 3
to the technical regulations
of the Customs Union
"Security lifts"*

SCOPE AND APPLICATION

CIRCUITS CONFORMITY LIFT, the safety requirements of technical regulations LIFT "elevator safety"

1. Scheme 1c:

1.1. accredited testing laboratory:

is testing and measurement of the elevator at the site of installation or on a test bench in a manner and amount established by the standards of the list approved by the Commission of the Customs Union,

prepares the test and measurement protocols.

1.2. Certification Body:

analyzes the object of certification of conformity, test results and measurement requirements of technical regulations;

analyzes the state of production,

execute and issue the applicant a certificate of conformity with the positive results of the analysis of data and evidentiary materials listed in Article 6 of these technical regulations, as well as the test results and the measurements made by the accredited test laboratory,

carries out inspection control of the certified object of certification. Frequency of inspection control of established authority certification, but at least once a year.

2. Scheme 3c (for a time of manufactured parts) and Scheme 4c (for a single production):

2.1. accredited testing laboratory:

is testing and measurement of the elevator at the site of installation or on a test bench in the manner and amount established by the standards of the list approved by the Commission of the Customs Union,

prepares the test and measurement protocols;

2.2. Certification Body:

analyzes the relevant facility certification, test results and measurement requirements of technical

regulations;

Complete and issue the applicant a certificate of conformity with the positive results of the analysis of data and evidentiary materials listed in Article 6 of these technical regulations, as well as the test results and measurements performed by accredited testing laboratory.

3. 4d scheme (Scheme declaration):

3.1. Applicant:

Prepare own evidence referred to in Article 6 of this technical regulation;

applies to the accredited testing laboratory (center) for the assessment of conformity in the form of technical examination of the elevator;

3.2. accredited testing laboratory (center):

evaluation of correspondence in the form of an elevator inspection,

prepares an act of technical examination elevator;

3.3. applicant on the basis of their own evidence and the positive results of the technical examination draws declaration of conformity.

Members of the Coordinating Committee for Technical Regulation, application of sanitary, veterinary and phytosanitary measures and authorized representatives of the Parties:					
From the Republic of Belarus		Of the Republic of Kazakhstan		From the Russian Federation	
	VN Roots		RA Satbaev		VY Salamatov
	VM Kazakevich		SS Khasenov		ON Aldoshin
	IA Zastenskaya		NO Sadvakasov		AL Safonov
Executive secretary of the Coordination Committee				MG Chuiko	
The experts of the Parties:					
From the Republic of Belarus		Of the Republic of Kazakhstan		From the Russian Federation	