

Technical Regulations TR CU 011/2011

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 dated 18 November 2010, the Commission of the Customs Union (hereinafter referred to as the Commission) **decided:**

1. To adopt the Technical Regulation of the Customs Union “Safety of Lifts” (TR CU 011/2011) (attached).
2. Invalidated by Decision No. 93 of the Board of the Eurasian Economic Commission dated 29.05.2018 (enters into force upon the expiry of 30 calendar days from the date of its official publication).
3. To establish:
 - 3.1. The Technical Regulation of the Customs Union “Safety of Lifts” (hereinafter referred to as the Technical Regulation) shall enter into force on 15 February 2013;
 - 3.2. Until 15 March 2015, the manufacture and placing on the market of products in accordance with the mandatory requirements previously established by regulatory legal acts of the Customs Union or by the legislation of a Member State of the Customs Union in its territory shall be permitted, provided that documents on the conformity assessment (conformity confirmation) of the products with the specified mandatory requirements, issued or adopted before the date of entry into force of the Technical Regulation, are available.

The specified products shall be marked with the national mark of conformity (mark of product circulation on the market) in accordance with

the legislation of the Member State of the Customs Union.

Marking such products with the single mark of product circulation on the market of the Member States of the Customs Union shall not be permitted;

3.3. Documents on the conformity assessment (conformity confirmation) of compliance with the mandatory requirements established by regulatory legal acts of the Customs Union or by the legislation of a Member State of the Customs Union, issued or adopted in respect of products that are the object of technical regulation under the Technical Regulation (hereinafter referred to as products) before the date of entry into force of the Technical Regulation, shall remain valid until the end of their validity period, but not later than 15 March 2015. The specified documents issued or adopted before the date of official publication of this Decision shall remain valid until the end of their validity period.

From the date of entry into force of the Technical Regulation, the issuance or adoption of documents on the conformity assessment (conformity confirmation) of products with the mandatory requirements previously established by regulatory legal acts of the Customs Union or by the legislation of a Member State of the Customs Union shall not be permitted.

Lifts commissioned before the entry into force of this Technical Regulation and whose design service life has not expired shall be brought into compliance with the requirements of the Technical Regulation before the end of the design service life;

Lifts whose design service life has expired before 15 February 2025 shall be brought into compliance with the requirements of the Technical Regulation:

in the Republic of Kazakhstan – by 15 February 2025;

in the Republic of Armenia, the Republic of Belarus, the Kyrgyz Republic and the Russian Federation – by 15 February 2030.

3.3¹. Until 15 November 2013, the manufacture and placing on the market in the customs territory of the Customs Union of products that, before the date of entry into force of the Technical Regulation, were not subject to mandatory conformity assessment (conformity confirmation) with the mandatory requirements established by regulatory legal acts of the Customs Union or by the legislation of a Member State of the Customs Union shall be permitted without documents on mandatory conformity assessment (conformity confirmation) and without marking with the national mark of conformity (mark of product circulation on the market);

3.4. The circulation of products placed on the market during the validity period of the documents on conformity assessment (conformity confirmation) specified in subparagraph 3.3 of this Decision, as well as of the products specified in subparagraph 3.3¹ of this Decision, shall be permitted throughout the service life of the products established in accordance with the legislation of the Member State of the Customs Union.

Footnote. Paragraph 3 as amended by Decision No. 884 of the Commission of the Customs Union dated 09.12.2011 (enters into force on the date of its official publication); by Decision No. 249 of the Board of the Eurasian Economic Commission dated 04.12.2012 (enters into force upon the expiry of 30 calendar days from the date of its official publication); by Decision No. 112 of the Council of the Eurasian Economic Commission dated 29.11.2024 (enters into force upon the expiry of 10 calendar days from the date of its official publication).

4. The Secretariat of the Commission, jointly with the Parties, shall prepare a draft Action Plan required for implementing the Technical Regulation and, within 3 months from the date of entry into force of this Decision, ensure its submission to the Commission for approval in accordance with the established procedure.

5. The Kazakhstan Party, with the participation of the Parties and based on monitoring the results of application of the standards, shall ensure the preparation of proposals for updating the lists of standards specified in paragraph 2 of this Decision and their submission at least once a year from the date of entry into force of the Technical Regulation to the Secretariat of the Commission for approval by the Commission in accordance with the established procedure.

6. The Russian Party, with the participation of the Parties, shall ensure the development of a standard for determining the energy efficiency class of a lift.

7. The Parties shall:

7.1. by the date of entry into force of the Technical Regulation, designate the state control (supervision) authorities responsible for exercising state control (supervision) over compliance with the requirements of the Technical Regulation and inform the Commission thereof;

7.2. ensure the exercise of state control (supervision) over compliance with the requirements of the Technical Regulation from the date of its entry into force.

Members of the Commission of the Customs Union:

<i>For the Republic of Belarus</i>	<i>For the Republic of Kazakhstan</i>	<i>For the Russian Federation</i>
<i>S. Rumas</i>	<i>U. Shukeyev</i>	<i>I. Shuvalov</i>

APPROVED
by **Decision of the Commission**

TECHNICAL REGULATION OF THE CUSTOMS UNION

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Foreword

1. This Technical Regulation of the Customs Union has been 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 dated 18 November 2010.
2. This Technical Regulation of the Customs Union has been developed to establish, within the single customs territory of the Customs Union, uniform mandatory requirements for lifts to be applied and complied with, and to ensure the free movement of lifts placed on the market within the single customs territory of the Customs Union.

Article 1. Scope of Application

1. This Technical Regulation of the Customs Union applies to lifts and lift safety components intended for use and used in the territories of the Member States of the Customs Union.

This Technical Regulation of the Customs Union applies to all lifts and lift safety components (buffers, safety gears, overspeed governors, landing door locks, hydraulic safety devices).

This Technical Regulation of the Customs Union does not apply to lifts intended for use and used:

- in mines and in the coal industry;
- on vessels and other floating craft;

- on offshore exploration and drilling platforms;
- in aircraft and other flying vehicles, or to lifts:
- with a rack-and-pinion or screw lifting mechanism;
- specially designed for military purposes.

2. This Technical Regulation of the Customs Union establishes requirements for lifts and lift safety components to protect human life and health and property, and to prevent actions that may mislead purchasers (users) regarding their intended use and safety.

Article 2. Definitions

The following terms and definitions are used in this Technical Regulation of the Customs Union:

buffer - a device intended to limit the deceleration of a moving car or counterweight in order to reduce the risk of injury or equipment damage when the car or counterweight passes beyond its extreme operating position;

hydraulic safety device - a hydraulic device (rupture valve) rigidly connected to a hydraulic cylinder and intended to prevent the car from falling;

landing door lock - an automatic device intended to lock the landing door;

service area – a clear area next to the lift equipment where personnel servicing this equipment are located;

manufacturer – a legal entity, including a foreign legal entity, or an individual entrepreneur that manufactures and/or sells lifts and safety components in its own name and is responsible for their compliance with

the requirements of this Technical Regulation of the Customs Union;

car – the part of a lift intended to accommodate people and/or goods while they are moved from one level to another;

lift – a device intended to move people and/or goods from one level to another in a car moving along rigid guides whose angle of inclination to the vertical does not exceed 15^0 ;

safety gear - a device intended to stop and hold the car (counterweight) on the guides when the specified speed is exceeded and/or traction elements break;

lift modernization - measures to improve the safety and technical level of a lift in operation to the level established by this Technical Regulation;

rated speed – the speed of movement of the lift car for which the lift is designed;

overspeed governor - a device intended to actuate the safety gear mechanism when the specified speed of movement of the car or counterweight is exceeded;

lift passport - a document containing information about the manufacturer, the Date of Manufacture of the lift and its factory number, the basic technical data and characteristics of the lift and its equipment, information about the safety components and the design service life of the lift, and intended for recording information during operation;

intended use – use of lifts in accordance with their intended use specified by the lift manufacturer in the operating documentation;

working platform — a device intended to accommodate personnel performing work on the repair and maintenance of lift equipment;

representative specimen - a lift possessing the essential characteristics of a range of types of lifts;

range of types – lifts characterized by common design solutions and differing in load capacity, speed, lifting height and/or the configuration of the lift equipment, drive, car and control system, as well as in the relative arrangement of the equipment;

lift maintenance – a set of operations to maintain the operability and safety of a lift during its operation;

lift safety component – a technical device intended to ensure the safety of a lift;

remote monitoring device – a technical device for remote monitoring of lift operation and communication with the dispatcher (operator);

operation of the lift – the stage of the lift life cycle during which its quality is implemented, maintained and restored; it includes intended use, storage during operation, maintenance and repair.

Article 3. Rules for Product Circulation on the Market

1. Lifts and lift safety components shall be placed on the market in the territories of the Member States of the Customs Union provided that they comply with this Technical Regulation of the Customs Union.
2. Lifts and lift safety components placed on the market shall comply with safety requirements throughout the design service life specified by the manufacturer, provided that the lift and safety components are used as intended and the requirements of the manufacturer's accompanying documentation are fulfilled in accordance with paragraph 2 of Article 4 of this Technical Regulation.

3. Lifts and lift safety components placed on the market shall be supplied with accompanying documentation in the official language of the Member State of the Customs Union and/or in Russian.

The accompanying documentation shall include:

- the operating manual;
- the lift passport;
- the installation drawing;
- the electrical schematic diagram with a list of components;
- the hydraulic schematic diagram (for hydraulic lifts);
- a copy of the certificate for the lift and lift safety components (taking into account paragraph 2.7 of Article 6), and fire doors, where applicable.

The operating manual shall include:

- installation instructions containing instructions on assembly, commissioning, adjustment, and the procedure for conducting tests and inspections;
- instructions for use and safety measures for lifts during operation, including commissioning, intended use, lift maintenance, technical inspection, examination, repair and testing;
- a list of rapidly wearing parts;
- methods for safely evacuating people from the car;
- instructions for decommissioning before disposal.

4. Information shall be applied to the lift by any method ensuring a clear and legible image throughout the service life of the lift. The information shall include: the manufacturer's name and/or trademark; the lift identification (factory) number; and the year of manufacture.

This information shall be placed in or on the car, in a location accessible to maintenance personnel.

5. Information shall be applied to the lift safety component by any method ensuring a clear and legible image throughout its service life. The information shall include the manufacturer's name and/or trademark and the identification number of the component.

Article 4. Safety Requirements

1. To ensure the safety of a lift during its design, manufacture, installation and throughout its design service life, means and/or measures shall be provided to meet the general safety requirements and, taking into account the intended use and operating conditions of the lift, the special safety requirements established in Annex 1.

The energy efficiency class shall be specified in the technical documentation for the lift and in its marking.

2. To ensure the safety of a lift installed at a facility, the following requirements shall be met before commissioning:

2.1 the lift shall be installed by qualified lift installation personnel in accordance with the installation documentation containing instructions on assembly, commissioning and adjustment, and in accordance with the design documentation for the installation of the lift;

2.2 conformity confirmation and commissioning of the installed lift shall be carried out in accordance with the procedure established by Article 6 of

this Technical Regulation.

3. To ensure safety during the design service life of the lift, the following requirements shall be met:

3.1 the lift shall be used as intended, and lift maintenance, repair and inspection shall be carried out in accordance with the manufacturer's operating manual;

3.2 maintenance and repair work on the lift shall be performed by qualified personnel;

3.3 conformity assessment in the form of a technical inspection of the lift shall be carried out in accordance with the procedure established by Article 6 of this Technical Regulation;

3.4 after expiry of the design service life, the lift shall not be used as intended without a conformity assessment to determine the possibility and conditions for extending the period of its intended use, carrying out modernization or replacement, taking into account the results of the conformity assessment.

Conformity assessment shall be carried out in accordance with the procedure established by Article 6 of this Technical Regulation.

5. If the lift passport of a lift commissioned before this Technical Regulation entered into force does not contain information on the design service life, the design service life of the lift shall be set at 25 years from the date of its commissioning.

6. Safety requirements for the disposal of lifts shall be established by the legislation of the Member States of the Customs Union.

Article 5. Ensuring Compliance with Safety Requirements

Compliance of lifts and lift safety components with this Technical Regulation of the Customs Union shall be ensured either by fulfilling its safety requirements directly or by fulfilling the requirements of standards interrelated with this Technical Regulation of the Customs Union.

Voluntary fulfilment of the requirements of standards interrelated with this Technical Regulation confirms that lifts and lift safety components comply with the requirements of this Technical Regulation.

Article 6. Conformity Confirmation of Lifts and Lift Safety Components

1. Conformity confirmation of the lift and lift safety components specified in Annex 2 with the requirements of this Technical Regulation shall be carried out in the form of mandatory certification before they are placed on the market in the territories of the Member States of the Customs Union.

2. Certification of the lift and lift safety components shall be carried out as follows:

2.1 certification of the lift and lift safety components specified in Annex 2 shall be carried out by a certification body accredited in accordance with the established procedure (hereinafter referred to as the certification body), on the basis of an agreement with the applicant;

2.2 Mandatory certification of lifts and lift safety components intended for serial production shall be carried out under Scheme 1c specified in Annex 3. In this case, the applicant shall be the manufacturer (person authorised by the manufacturer) of the lift and lift safety components;

2.3 Mandatory certification of a one-off manufactured lift, a one-off manufactured lift safety component, a lift from a single manufactured batch and a lift safety component from a single manufactured batch shall

be carried out under Scheme 3c (for a single manufactured batch) and Scheme 4c (for one-off manufacture) specified in Annex 3;

2.4 For mandatory certification, the applicant shall submit an application for certification containing the following information:

- name and location of the applicant;
- name and location of the manufacturer;
- information allowing identification of the object of certification;
- information on the location where the object of certification will be tested;
- information on the standards applied on a voluntary basis to ensure that the lift and lift safety components comply with the requirements of this Technical Regulation;

2.5 The following documents evidencing compliance with the requirements of this Technical Regulation shall be attached to the application for certification:

a) for certification of a lift:

- technical description;
- operating manual;
- electrical schematic diagram with a list of components;
- hydraulic diagram with a list of components for a lift with a hydraulic drive;
- test and measurement reports and Risk Analysis performed by the manufacturer or on its instructions (if available);

- copies of certificates of conformity to the Technical Regulation for lift safety components or, in the case established by this Technical Regulation, test and measurement reports;
- copy of the certificate for the quality management system (if available) issued by a body accredited in the territory of a Member State of the Customs Union;

b) for certification of lift safety components:

- technical Documentation (descriptions, drawings, figures);
- copy of the certificate for the quality management system (if available) issued by a body accredited in the territory of a Member State of the Customs Union;

2.6 When certifying a lift, the applicant shall submit for testing an installed one-off manufactured lift, a representative specimen of a single manufactured batch of lifts, or a representative specimen of a range of types of serially produced lifts, together with the documents specified in Paragraph 2.5, Subparagraph a) of this Article;

2.7 When certifying the lift safety components specified in Annex 2, the applicant shall submit to the certification body for testing in the territory of the Member States of the Customs Union:

- a one-off manufactured lift safety component, a representative specimen of a lift safety component from a single manufactured batch, or a specimen of a range of types of serially produced lift safety components;
- component products necessary for testing the lift safety component being certified;
- the documents specified in Paragraph 2.5, Subparagraph b) of this Article.

Lift safety components manufactured by the lift manufacturer and used by it to equip lifts of its own production, and supplied as spare parts for replacing identical lift safety components on lifts of its own production, shall not be subject to mandatory certification. The procedure for testing such lift safety components shall be established in the standards from the list approved by the Commission of the Customs Union.

The results of such tests shall be documented in reports. Copies of the reports shall be submitted during lift certification;

2.8 Identification of the lift and lift safety components specified in Annex 1 to this Technical Regulation shall be carried out by the certification body by establishing the identity of their characteristics with the essential characteristics;

2.9 The essential characteristics of a lift shall comprise the following characteristics:

- presence of a car;
- presence of rigid guides;
- angle of inclination of the guides to the vertical not exceeding 15 degrees;
- presence of a drive for raising or lowering the car;

2.10 The essential characteristic of the lift safety components specified in Annex 2 shall be their intended function arising from the definitions of the relevant concepts specified in Article 2 of this Technical Regulation.

Identification shall be carried out using the technical Documentation submitted by the applicant.

The result of identification shall be the classification or non-classification of the product as an object of technical regulation under this Technical Regulation;

2.11 Examinations (tests) and measurements during mandatory certification of lifts and lift safety components shall be carried out by an accredited testing laboratory (centre) in accordance with the established procedure;

2.12 Within the time limits specified in the agreement with the applicant, the certification body shall carry out certification in accordance with the selected certification scheme and decide whether to issue a certificate of conformity or refuse to issue it.

The certificate of conformity and its annexes shall contain information on the type (model), manufacturer and country of origin of the lift and of the following units and lift safety components:

- traction machine;
- hydraulic power unit (for a hydraulic lift);
- control system (controller);
- car door operator;
- landing doors;
- landing door locks;
- safety gears;
- overspeed governor;
- buffer;

- hydraulic safety device.

A decision to refuse to issue a certificate of conformity shall contain a reasoned justification of the non-compliance of the lift or lift safety component with the requirements of this Technical Regulation.

After eliminating the specified non-compliance, the applicant shall reapply to the certification body with an application for issuance of a certificate of conformity;

2.13 The validity period of certificates of conformity for serially manufactured lifts and lift safety components shall not exceed five years under Scheme 1c specified in Annex 2 to this Technical Regulation.

For lifts and lift safety components placed on the market by the manufacturer during the specified validity periods of the certificate of conformity for serially produced products, the certificate of conformity shall remain valid throughout the service life of the lift.

For one-off manufactured lifts and lift safety components, and lifts and lift safety components from a single manufactured batch, a certificate of conformity issued under Schemes 3c and 4c specified in Annex 3 to this Technical Regulation shall remain valid until the end of the service life of the lift;

2.14 After expiry of the validity period of the certificate of conformity for serially produced lifts and lift safety components, the applicant may apply to a certification body for a certificate of conformity in accordance with the procedure established by this Article, or apply to the certification body that issued the certificate with an application to extend its validity period. Taking into account the applied Scheme 1c specified in Annex 3 to this Technical Regulation, the validity period of the certificate of conformity may be extended to up to five years by decision of the certification body that carried out the previous certification, based on an analysis of the

applicant's information and the results of surveillance of the certified object of certification (under Scheme 1c).

To extend the validity period of the certificate of conformity, the applicant shall send to the certification body an application for extension of the validity period of the certificate of conformity, accompanied by information stating that no changes have been made to the design of the certified lift or lift safety component since the last surveillance.

Based on an analysis of the information submitted by the applicant and the results of surveillance, the certification body shall decide whether to extend or refuse to extend the validity period of the certificate of conformity and shall notify the applicant of the decision within a period not exceeding 10 days from the date of the decision. A decision to refuse to extend the validity period of the certificate shall contain a reasoned justification of the non-compliance of the lift and lift safety component with the requirements of this Technical Regulation.

Information on the extension or refusal to extend the validity period of the certificate of conformity shall be sent by the certification body within a period not exceeding 10 days from the date of the decision to the state control (supervision) authorities authorised to monitor compliance with the requirements of this Technical Regulation;

2.15 The applicant shall notify the certification body that issued the certificate of conformity of changes made to the design of the lift safety components specified in Annex 2, as well as of changes to the design of the lift affecting its safety.

The certification body shall analyse the Documentation submitted by the applicant and decide whether to reissue the certificate of conformity for the lift with the modified design and/or the lift safety components, or whether new tests of the lift and/or lift safety components are required;

2.16 The certification body shall suspend the certificate of conformity (under Scheme 1c) if the requirements established by Paragraph 2.15 of this Article are not fulfilled and/or if the results of surveillance of the certified products are negative;

2.17 When products are placed on the market in the territory of the Member States of the Customs Union, a set of documents for the following shall be retained:

- the lift and lift safety components — by the manufacturer for at least 10 years from the date of discontinuation (termination) of lift production;
- a batch of lifts and lift safety components (single product) — by the seller (supplier) for at least 10 years from the date of sale of the last product from the batch (single product).

Copies of the documents used for certification of lifts for compliance with the requirements of the Technical Regulation and copies of certificates of conformity shall be retained by the certification body that issued the certificate of conformity throughout the validity period of the certificate of conformity and for five years after its expiry;

2.18 The set of documents submitted for certification shall be prepared in the state language of a Member State of the Customs Union and/or in Russian.

3. Conformity assessment of a lift installed at a site before commissioning for compliance with the requirements of this Technical Regulation shall be carried out in the form of an EAC Declaration for the lift, under Scheme 4d specified in Annex 3 to this Technical Regulation, as follows:

3.1 The EAC Declaration for the lift shall be based on own evidence and evidence obtained with the participation of an accredited testing laboratory (centre).

The following shall be used as own evidence: a report on verification of the lift's operation after completion of lift installation, the lift passport, the installation drawing of the installed lift and the design Documentation for installation of the lift.

The installation drawing of the lift must contain the information and dimensions necessary to verify that the lift installation complies with the requirements of this Technical Regulation. The drawing must show views and sections (with dimensions), including those of the lift shaft, machine room and pulley room, providing an understanding of the location and interconnection of the lift components, as well as the loads imposed by the lift on the structural part of the building (structure);

3.2 the application is submitted to an accredited testing laboratory (centre);

3.3 the accredited testing laboratory (centre) performs inspections, examinations, tests and measurements within the time limits specified in the agreement with the applicant. The following are carried out:

- verification that the installation of the lift equipment complies with the installation Documentation and the design Documentation for installing the lift in the building (structure);
- verification of the operation of the lift and the lift safety components;
- testing of the insulation of electrical networks and electrical equipment, and visual and measurement inspection of the grounding (protective neutralization) of the lift equipment;
- testing of the engagement of the traction elements with the traction sheave (friction drum), and testing of the braking system on a lift with an electric drive;

- testing of the leak-tightness of the hydraulic cylinder and pipeline on a lift with a hydraulic drive;

- testing of the strength of the car, traction elements, suspension and/or car supports, and their fastening components;

3.4 The results of inspections, examinations, tests and measurements shall be documented in reports, copies of which shall be attached to the lift passport.

A specialist of an accredited testing laboratory (centre) shall make an entry in the lift passport concerning the results of inspections, examinations, tests and measurements;

3.5 The declaration of conformity of the lift with the requirements of this Technical Regulation shall be attached to the lift passport. The lift passport and the declaration shall be retained throughout the design service life of the lift;

3.6 Until commissioning, the lift shall not be used for transporting people and/or goods, except in cases related to its installation, adjustment and testing;

3.7 The commissioning of the lift shall be carried out in accordance with the procedure established by the legislation of the Member State of the Customs Union.

4. Conformity assessment of the lift throughout its design service life shall be carried out in the form of a technical inspection at least once every 12 months by an organisation accredited (authorised) in accordance with the procedure established by the legislation of the Member State of the Customs Union.

The result of the conformity assessment of the lift shall be documented in a report and indicated in the lift passport.

5. Conformity assessment of a lift that has reached the end of its design service life shall be carried out in the form of a lift survey by an organisation accredited (authorised) in accordance with the procedure established by the legislation of the Member State of the Customs Union;

5.1 The following shall be determined during the lift survey:

- conformity of the lift that has reached the end of its design service life with the general safety requirements established by Appendix 1 to this Technical Regulation and, taking into account the intended use of the lift, with the special safety requirements established by Appendix 1 to this Technical Regulation;
- the necessary measures, including lift modernization, and the time limits for implementing the measures to ensure the lift's conformity with the requirements of this Technical Regulation;

5.2 The following shall be carried out during the lift survey:

- determination of the condition of the lift equipment, including lift safety components, with identification of defects, malfunctions, the degree of wear and corrosion;
- inspection of the metal structures of the frame, the suspension of the car, the counterweight, as well as the guides and their fastening elements;
- testing of the insulation of electrical networks and electrical equipment, and visual and measurement inspection of the earthing (neutralisation) of the lift equipment.

Information on the lift survey carried out shall be indicated in the lift passport;

5.3 Based on the results of the lift survey, a conclusion shall be drawn up containing:

- the conditions and possible period for extending the use of the lift;
- recommendations for modernization or replacement of the lift.

Conformity assessment of a lift after modernization or replacement shall be carried out in accordance with the procedure established by paragraph 3 of this Article.

During conformity assessment of a modernized lift, the following shall additionally be carried out:

- verification of the modernized lift's conformity with the general safety requirements established in Appendix 1 to this Technical Regulation and, taking into account the intended use of the lift, with the special safety requirements established in Appendix 1 to this Technical Regulation;
- verification of the conformity of the installation of the lift equipment with the design documentation for modernization;
- verification that the recommendations for lift modernization specified in the conclusion based on the results of conformity assessment of the lift that has reached the end of its design service life have been implemented.

Based on positive conformity assessment results, the applicant shall draw up a declaration of conformity and assign a new service life to the lift, and shall make an entry in the passport concerning the service life and the technical readiness of the lift for commissioning;

5.4 If modernization or replacement of the lift is not required and the conditions for extending the service life are met, the period of use of the lift for its intended use shall be established;

5.5 Repealed by Decision No. 112 of the Council of the Eurasian Economic

Commission dated 29.11.2024 (enters into force upon the expiry of 10 calendar days from the date of its official publication).

Article 7. Marking with the mark of product circulation on the market of the Member States of the Customs Union

1. Lifts and lift safety components that comply with the safety requirements and have undergone the conformity confirmation procedure shall bear the single mark of product circulation on the market of the Member States of the Customs Union.
2. The single mark of product circulation on the market of the Member States of the Customs Union shall be affixed before lifts and lift safety components are placed on the market.
3. The single mark of product circulation on the market of the Member States of the Customs Union shall be affixed to each lift and lift safety component in accordance with the approved list, and shall also be included in the operating documents accompanying them.
4. The marking of lifts and lift safety components with the single mark of product circulation on the market of the Member States of the Customs Union certifies their conformity with the requirements of this Technical Regulation.
5. The single mark of product circulation on the market of the Member States of the Customs Union shall be affixed by any method that ensures a clear and legible image throughout the entire service life of the lift.

Article 8. Safeguard clause

1. The Member States of the Customs Union shall take all measures to restrict or prohibit the placing on the market in the customs territory of the Member States of the Customs Union of lifts and lift safety components that pose a danger to human life and health or property. The

competent authority of a Member State of the Customs Union shall notify the Commission of the Customs Union and the competent authorities of the other Member States of the Customs Union of the decision taken, stating the reasons for that decision and providing supporting evidence explaining the necessity of this measure.

2. The following cases may constitute grounds for applying the safeguard clause:

- failure to comply with the requirements of this Technical Regulation of the Customs Union;
- incorrect application of the standards interrelated with this Technical Regulation, where such standards have been applied;
- other reasons for prohibiting the placing of lifts on the market.

Article 9. Transitional periods

Certificates of conformity for lifts and lift safety components issued before the entry into force of this Technical Regulation by accredited certification bodies of the Member States of the Customs Union shall remain valid in the territory of the Member State of the Customs Union in which they were issued until the expiry of the validity period specified in the certificate.

Appendix 1
to the Technical Regulation
of the Customs Union
"Safety of Lifts"
(TR CU 011/2011)

Safety requirements

1. To ensure the safety of the lift, the following general requirements shall be met:

1.1 lift equipment installed in the following locations shall be inaccessible to users and unauthorised persons:

- cabinets for housing equipment;
- machine room;
- pulley room;
- lift shaft, except for equipment located in the car;

1.2 measures shall be in place to protect users and unauthorised persons from injuries resulting from contact with moving parts of the lift equipment;

1.3 protective and interlocking devices shall be provided to stop or prevent movement of the car if the landing door is open or unlocked; the door for maintenance of the equipment, the emergency door, the cover of the inspection and emergency hatch, or the car door is not closed. This requirement does not apply to the preliminary opening of automatic doors as the car approaches the landing and to the mode provided for in the lift design for bringing the car level with the landing during loading/unloading;

1.4 provision shall be made for the safe evacuation of people from a stopped car by personnel;

1.5 lift equipment accessible to users and other persons shall not have uneven surfaces that pose a danger to them;

1.6 means shall be provided for lighting the car intended for transporting people, including in the event of an interruption in the power supply;

1.7 the lift equipment shall correspond to the climatic and seismic conditions in which the lift is intended to be operated;

1.8 means and/or measures shall be provided to prevent people from falling into the shaft from the landings and areas of the building (structure) adjacent to the shaft, and from the car;

1.9 the dimensions of the lift doorway shall ensure safe entry into and exit from the car at the landing, and safe loading and unloading of the car;

1.10 the horizontal and vertical distances between the thresholds of the landing and the car shall ensure safe entry into and exit from the car;

1.11 the distance between the structural elements of the car and the shaft shall prevent a person from entering the shaft when the landing doors and car doors are open, and when the car is located in the landing area;

1.12 means shall be provided to prevent or reduce, to levels that reduce the risk of injury, the crushing force applied to a person or object located in the path of an automatically closing car and/or landing door;

1.13 the car, traction elements, the suspension and/or support of the car and counterweight, and their fastening elements shall withstand the loads arising during intended use and testing of the lift;

1.14 the car intended for transporting people shall be equipped with means for connection to a two-way communication system by which a passenger can summon assistance from outside;

1.15 means shall be provided to prevent the start of an overloaded car in normal operation mode;

1.16 means shall be provided to limit car movement beyond the extreme operating positions (landings);

1.17 means shall be provided to limit the amount by which the rated speed of the car is exceeded during downward movement to levels that reduce the risk of injury or equipment failure;

1.18 when activated, safety gears and buffers shall decelerate the car in order to reduce the risk of injury or equipment failure;

1.19 air exchange shall be ensured in the car intended for transporting people;

1.20 the dimensions and arrangement of working areas for equipment maintenance shall be sufficient to ensure that work is performed safely;

1.21 safe access for personnel to the lift equipment shall be provided;

1.22 safe access for personnel to the working platform in the shaft and/or on the car roof, and exit from it, shall be provided;

1.23 the working platform and/or car roof, where personnel need to be located there, shall withstand the loads imposed by the personnel on it;

1.24 means and measures shall be provided to reduce the risk of personnel falling from the working platform located in the shaft and/or from the car roof;

1.25 means shall be provided for stopping and controlling car movement by personnel during lift maintenance. Where personnel need to move through the shaft on the car, means shall be provided for controlling movement at a safe speed and for stopping the car by personnel. These means shall be inaccessible to users and unauthorised persons;

1.26 measures and/or means shall be provided to prevent injury to personnel located in the lift shaft in the event of uncontrolled movement of lift components;

1.27 measures and/or means shall be provided to prevent personnel from being injured by lift equipment components, including belts, pulleys, sheaves, a protruding motor shaft, gears, sprockets and drive chains, when they are moving;

1.28 the presence of means for creating an illumination level in service areas sufficient for personnel to carry out work safely;

1.29 the presence of measures and (or) means to ensure the electrical safety of users, other persons and personnel when operating the lift control devices and (or) touching the conductive structures of the lift;

1.30 the fire-resistance rating of the landing doors shall be established in accordance with fire safety requirements;

1.31 the presence of measures ensuring that passengers can safely leave the car in the event of a fire hazard in a building (structure);

1.32 requirements for the safe disposal of lifts shall be provided.

2. To ensure the safety of a lift intended, among other things, for transporting persons with disabilities and persons with reduced mobility, the following special requirements shall be met:

2.1 the dimensions of the car, car doorway and lift shaft shall ensure safe entry into and exit from the car, as well as accommodation in the car of a user in a wheelchair;

2.2 the car and landing doors of a lift intended for transporting a user in a wheelchair without an accompanying person shall open and close automatically;

2.3 the car shall be equipped with at least one handrail, the location of which shall facilitate the user's access to the car and control devices;

2.4 the horizontal and vertical distance between the car thresholds and the landing shall ensure the safe entry into and exit from the car of a user in a wheelchair;

2.5 the design and location of control and signalling devices (audible and visual) in the car and on the landing shall ensure the safety and accessibility of the lift for persons with disabilities and other persons with reduced mobility.

3. To ensure the safety of a lift providing for the transport of firefighters during a fire, the following special requirements shall be met:

3.1 the dimensions and lifting capacity of the lift shall ensure the transport of firefighters with firefighting equipment and (or) persons being rescued during a fire;

3.2 the control systems and signalling shall ensure operation of the lift under the direct control of firefighters. Other lift control modes shall be disabled;

3.3 the presence of a lift control mode independent of the operation of other lifts connected to it by a group control system;

3.4 the presence of visual information in the car and at the main landing (designated) floor concerning the location of the car and its direction of travel;

3.5 the landing doors shall be fire doors, the fire-resistance rating of which shall be established in accordance with the fire safety requirements for buildings (structures);

3.6 the presence of measures and (or) means for evacuating firefighters from a car that has stopped between floors;

3.7 the use in the construction of the car compartment of materials that reduce the risk of fire hazards based on the applicable indicators of combustibility, flammability, smoke-generating capacity, flame spread and toxicity during combustion.

4. To ensure the safety of a lift intended for connection to a remote monitoring device, the following special requirements shall be met:

the possibility shall be provided of taking signals for transmission from the lift to the remote monitoring device concerning its operation, including the following information:

activation of the electrical safety circuits;

unauthorised opening of the landing doors;

opening of the door (cover) of the lift control device without a machine room.

5. To ensure the safety of a lift intended for installation in a building or structure in which intentional damage to lift equipment is possible, the following special requirements shall be met:

5.1 the enclosing structures of the car compartment, as well as the finishing of the walls, ceiling and floor, shall be made of materials that reduce the risk of their intentional damage or ignition;

5.2 the control, signalling and lighting devices in the car and on the landings shall have a design and be made of materials that reduce the risk of their intentional damage or ignition;

5.3 continuous enclosure of the lift shaft shall be provided;

5.4 the presence of means that take the lift out of the "Normal operation" mode when the landing doors are opened without authorisation while the car is absent from the floor in the "Normal operation" mode. Return to the "Normal operation" mode shall be carried out by maintenance personnel.

Annex 2 to the Technical Regulation

of the Customs Union
"Safety of Lifts"
(TR CU 011/2011)

List of lift safety components subject to mandatory certification

1. Buffer:

- energy-accumulating type (except for energy-accumulating type buffers with linear characteristics):
- with non-linear characteristics;
- with damped return travel;
- energy-dissipating type.

2. Hydraulic safety device (rupture valve).

3. Landing door lock.

4. Safety gears.

5. Overspeed governor.

Annex 3
to the Technical Regulation
of the Customs Union
"Safety of Lifts"
(TR CU 011/2011)

Content and application of conformity assessment schemes for lifts and lift safety components with the requirements of the Technical Regulation "Safety of Lifts"

1. Scheme 1c:

1.1 accredited testing laboratory:

conducts examinations (tests) and measurements of lift parameters at the site of its installation or on a test bench in the manner and scope established by the standards from the list approved by the Commission of the Customs Union;

documents the results of examinations (tests) and measurements in reports.

1.2 certification body:

conducts an analysis of the conformity of the object of certification and the results of examinations (tests) and measurements with the requirements of the Technical Regulation;

conducts a production condition analysis;

draws up and issues a certificate of conformity to the applicant upon positive results of the analysis of the information and supporting evidence specified in Article 6 of this Technical Regulation, as well as upon positive results of examinations (tests) and measurements performed by the accredited testing laboratory;

carries out surveillance of the certified object of certification. The frequency of surveillance shall be established by the certification body, but

not less than once a year.

2. Scheme 3c (for a single manufactured batch) and Scheme 4c (for one-off manufacture):

2.1 accredited testing laboratory:

conducts examinations (tests) and measurements of lift parameters at the site of its installation or on a test bench in the manner and scope established by the standards from the list approved by the Commission of the Customs Union;

documents the results of examinations (tests) and measurements in reports;

2.2 certification body:

conducts an analysis of the conformity of the object of certification and the results of examinations (tests) and measurements with the requirements of the Technical Regulation;

draws up and issues a certificate of conformity to the applicant upon positive results of the analysis of the information and supporting evidence specified in Article 6 of this Technical Regulation, as well as upon positive results of examinations (tests) and measurements performed by the accredited testing laboratory.

3. Scheme 4d (declaration scheme):

3.1 applicant:

prepares its own evidence specified in Article 6 of this Technical Regulation;

submits an application to an accredited testing laboratory (centre) for conformity assessment in the form of a technical inspection of the lift;

3.2 accredited testing laboratory (centre):

carries out conformity assessment in the form of a technical inspection of the lift;

draws up a technical inspection report for the lift;

3.3 the applicant draws up a declaration of conformity on the basis of its own evidence and the positive results of the technical inspection.

APPROVED

by Decision of the Commission
of the Customs Union
dated 18 October 2011 No. 824

List of standards

**the application of which on a voluntary basis
ensures compliance with the requirements of the Technical
Regulation
of the Customs Union "Safety of Lifts" (TR CU 011/2011)**

Note. Repealed by Decision of the Board of the Eurasian Economic Commission No. 93 dated 29.05.2018 (enters into force upon expiry of 30 calendar days from the date of its official publication).

APPROVED

by Decision of the Commission
of the Customs Union
dated 18 October 2011 No. 824

List of standards

**containing rules and methods for examinations (tests) and
measurements, including rules for sampling, necessary for**

**the application and fulfilment of the requirements of the
Technical Regulation
of the Customs Union "Safety of Lifts" (TR CU 011/2011)**

Note. Repealed by Decision of the Board of the Eurasian Economic Commission No. 93 dated 29.05.2018 (enters into force upon expiry of 30 calendar days from the date of its official publication).

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