

Technical Regulations TR CU 025/2012

In accordance with Article 3 of the Treaty on the Eurasian Economic Commission of 18 November 2011, the Council of the Eurasian Economic Commission has **decided**:

1. To adopt the Technical Regulation of the Customs Union "On Safety of Furniture Products" (TR CU 025/2012) (attached).
2. To establish that the Technical Regulation of the Customs Union specified in paragraph 1 of this Decision shall enter into force on 1 July 2014.
3. This Decision shall enter into force upon the expiry of 30 calendar days from the date of its official publication.

Members of the Council of the Eurasian Economic Commission:

<i>For the Republic of Belarus S. Rumas</i>	<i>For the Republic of Kazakhstan K. Kelimbetov</i>	<i>For the Russian Federation I. Shuvalov</i>
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ADOPTED
by Decision No. 32 of the Council of the Eurasian
Economic Commission
of 15 June 2012

TECHNICAL REGULATION OF THE CUSTOMS UNION

TR CU 025/2012 **"ON SAFETY OF FURNITURE PRODUCTS"**

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Article 1. FOREWORD

1. This Technical Regulation of the Customs Union has been developed in accordance with the Agreement on Uniform Principles and Rules of Technical Regulation in the Republic of Belarus, the Republic of Kazakhstan and the Russian Federation of 18 November 2010.
2. This Technical Regulation of the Customs Union has been developed to establish uniform requirements for furniture products on the single customs territory of the Customs Union that are mandatory for application and compliance, and to ensure the free movement of furniture products placed on the market in the single customs territory of the Customs Union.
3. If other Technical Regulations of the Customs Union establishing requirements for furniture products have been adopted in respect of certain types of furniture products, the furniture products must comply with the requirements of those Technical Regulations applicable to them.
4. The Parties shall ensure the circulation of furniture products conforming to this Technical Regulation in the territory of their states without imposing additional requirements on such products and without conducting additional conformity assessment (confirmation) procedures.

Article 2. SCOPE OF APPLICATION

1. This Technical Regulation establishes requirements for furniture products and the processes of their use (operation) in order to protect

human life and (or) health, property, the environment, and animal and plant life and (or) health on the single customs territory of the Customs Union, as well as to prevent actions misleading consumers.

2. This Technical Regulation applies to furniture products placed on the market in the single customs territory of the Customs Union — items, sets, suites of domestic furniture and furniture for public premises, including custom-made furniture.

3. The list of furniture products subject to the requirements of this Technical Regulation is set out in Annex 1 to this Technical Regulation.

4. This Technical Regulation does not apply to:

medical furniture, including specialized furniture such as operating tables,

examination tables, hospital beds with mechanical fittings,

dental chairs, and other surgical, dental,

and veterinary furniture;

furniture intended for use in air, surface, and underground transport;

antique furniture;

second-hand and refurbished furniture;

furniture samples intended for display at exhibitions and for advertising.

5. In order to determine whether furniture products fall within the scope of application of this Technical Regulation, their identification shall be carried out.

5.1. Identification of furniture products shall be carried out by:

certification bodies — during the confirmation of their conformity with the requirements of this Technical Regulation;

the manufacturer (seller or person authorised by the manufacturer) — during the declaration of conformity and when placing furniture products on the market, including in the single customs territory of the Customs Union;

authorized bodies of a Member State of the Customs Union — when exercising state control (supervision) over compliance with the requirements of this Technical Regulation exclusively at the stage of circulation of furniture products on the market;

any interested persons.

5.2. For the identification of furniture products, one of the methods or a combination thereof shall be used:

by documentation; visual; organoleptic; instrumental.

5.3. Identification of furniture products covered by this Technical Regulation shall be carried out by comparing the name and intended use of the furniture item specified by the manufacturer in the marking (label, marking tag) with the name and designation specified in the certificate of conformity or in the declaration of conformity and, if necessary, in the technical description of the furniture item, set, or suite. The following may be used as descriptions:

interstate standards for functional dimensions, terms, and definitions;

design and operating documentation;

supply contracts (contracts, agreements);

technical descriptions developed by the manufacturer;

catalogues, booklets, and brochures.

Article 3. DEFINITIONS

The following terms and their definitions are used in this Technical Regulation:

placing products on the market - placing on the market of the Member States of the Customs Union products dispatched from the warehouse of the manufacturer, seller or person performing the functions of a foreign manufacturer, or shipped without warehousing, or exported for sale in the territory of the Member States of the Customs Union;

furniture suite - a group of furniture items intended for furnishing a specific functional area of a premises, combined by identical artistic, stylistic and structural features;

group of homogeneous furniture products - individual furniture items combined by a common intended use, as well as furniture sets or furniture suites;

durability - the property of furniture items to retain stiffness, strength and operability under the effect of long-term operational loads;

stiffness - the ability of a structure to resist the formation of irreversible deformations under the effect of an external load;

protective-and-decorative coating - a coating on the surface of a furniture item that simultaneously performs protective and decorative functions;

protective coating - a coating applied to furniture parts to protect the surface from moisture and other aggressive substances, and to prevent the release into the air of residential premises of harmful volatile substances from the material of the furniture item;

furniture item - a unit of furniture products intended for independent use;

marking - information applied by the manufacturer directly to a specific furniture item, packaging or labels (tags);

furniture products (furniture) - a set of stationary or movable items for furnishing residential and public premises, as well as other areas where people stay;

domestic furniture - furniture for furnishing various premises in urban, suburban or rural dwellings, including outdoors;

children's furniture - furniture intended for children, whose dimensions, shape and design correspond to the age-specific characteristics and growth parameters of the developing human organism;

furniture for public premises - furniture for furnishing enterprises and institutions, taking into account the nature of their activities and the specifics of their functional processes;

furniture for educational institutions - furniture for furnishing general education schools, vocational schools, secondary specialized and higher educational institutions;

mechanical safety - a set of quantitative indicators of the mechanical and geometric properties and characteristics of a furniture item that ensures a reduction in the risk of harm to the user's health or a threat to the user's life;

furniture set - a group of furniture items for various intended uses, made using a common architectural and artistic (stylistic) concept and coordinated with one another in terms of dimensions, design, facing and finishing.

fire safety - compliance with the established standards for flammability and flame spread over the surface of textile and leather materials used to manufacture upholstered elements of furniture;

coating - all layers of materials applied to the surface of structural materials, including primers, varnishes, dyes, enamels, polymers, wood veneer, paper-based laminated plastic, films, fabrics, metals, mineral-based materials and other similar substances, regardless of the method of their application;

strength - the property of materials and structures to resist external loads without being destroyed or sustaining irreversible deformations;

functional dimensions - the dimensions of furniture items and their elements determined by their intended use and operating conditions. Functional dimensions are based on anthropometric and ergonomic data and the dimensions of stored objects, and ensure convenience and safety when using the furniture item;

service life - the calendar duration of operation of a furniture item specified by the manufacturer, from its beginning until the onset of a limiting state in which its parts, assemblies, joints and the like may begin to pose a danger to the life and health of citizens, cause damage to their property or the environment;

static strength - the property of a structure to resist the maximum operational load without destruction;

convertible furniture - furniture whose design allows its intended use and (or) dimensions to be changed;

representative product samples - product samples of identical design, containing identical parts, assemblies and materials that are essential for fulfilling the essential requirements and complying with the same established requirements;

impact strength (strength under impact) - the strength of a structure when an impact load is applied to it;

modular furniture - furniture based on standardized elements that enable its products to be assembled in multiple configurations;

stability - the ability of a furniture item to withstand forces tending to move it from its initial position or overturn it;

chemical safety - a state of a furniture item in which there is no unacceptable risk associated with harm to the life and health of the consumer due to exceeding the concentration level of harmful chemical substances in the air of premises;

electrical safety - compliance of a furniture item whose design includes devices using electricity with all standards and rules for the installation and use of domestic electrical installations.

Article 4. MARKET CIRCULATION RULES

1. Furniture products shall be placed on the single customs territory of the Customs Union provided that they have undergone the necessary conformity assessment (conformity confirmation) procedures for compliance with the requirements of this Technical Regulation, as well as with other Technical Regulations of the Customs Union applicable to them.

2. The manufacturer, seller, importer or person authorised by the manufacturer placing furniture on the market shall:

ensure that the furniture products comply with the requirements of this Technical Regulation;

ensure the safety of the furniture item throughout the service life established by the manufacturer;

indicate in the accompanying documentation and in the marking of the products information about the certificate of conformity or declaration of conformity. The accompanying documentation shall contain the waybill, operating instructions and assembly instructions if the furniture is supplied in disassembled form;

provide interested persons, at their request, including when placing products under a customs procedure, with documents confirming the conformity of the furniture products with the requirements of this Technical Regulation (the declaration of conformity or certificate of conformity, or copies thereof);

notify the certification body (conformity assessment and conformity confirmation body) of changes made to the design of the item and the technical documentation of certified furniture products;

suspend or discontinue the sale of products if the validity period of the certificate of conformity or declaration of conformity has expired, except for products placed on the single territory of the Customs Union during the validity period of the declaration of conformity or certificate of conformity, throughout the service life of the products established by the manufacturer;

suspend or discontinue the sale of furniture products if the validity of the certificate of conformity or declaration of conformity has been suspended or terminated;

suspend the manufacture and sale of furniture products that have undergone the conformity assessment (conformity confirmation) procedure but do not comply with the requirements of this Technical Regulation, on the basis of decisions by state control (supervision) bodies concerning compliance with the requirements of this Technical Regulation.

3. Furniture products shall bear the single mark of product circulation on the market of the Member States of the Customs Union if they comply with the requirements of this Technical Regulation, as well as with other Technical Regulations of the Customs Union applicable to them.

Article 5. SAFETY REQUIREMENTS

1. Furniture products shall be manufactured in such a way that, when used for their intended purpose and provided that the rules specified in the operating documentation are observed, they ensure:

mechanical safety;

chemical and sanitary-hygienic safety;

fire safety;

electrical safety.

2. The mechanical safety of furniture products shall be ensured by:

the required level of stability, static and impact strength, stiffness, deformability, deflection values and durability of the construction of furniture items; the force required to extend (pull out or transform) functional elements of furniture items; the softness and residual deformation of upholstered elements; the design of bunk beds. The stability of ship furniture shall be ensured by the presence of fixation devices. The mechanical safety requirements for furniture products are set out in Annex 2 to this Technical Regulation;

the required level of protection against injuries during the use of furniture items, including convertible items, individual parts, front and fastening hardware, transformation mechanisms of furniture items, pull-out and sliding elements (reliable fixation and fastening of elements, protection against spontaneous opening, absence of sharp protruding parts and

burrs; blunting or rounding of accessible corners and edges of table tops, seats and chair backrests, and bed backrests);

the required level of protection against injuries when using furniture made of glass or combining glass with metal, wood and polymer materials (absence of the possibility of large glass fragments forming when the glass breaks; use of special types of glass—tempered, annealed, wired and laminated; processing of the edges of glass products by grinding, polishing with removal of the bevel or arris). Shelves and door panels may be made of sheet glass;

absence of an unacceptable risk of children falling from children's and multi-tier beds and high children's chairs, or of parts of the body being trapped during their use;

the required level of protection of the health of children and adolescents against non-compliance with the requirements for the functional dimensions of furniture items and the requirements of ergonomics and anthropometry.

3. The chemical and sanitary-hygienic safety of furniture products shall be ensured by the absence of the release into the environment of volatile chemical substances from furniture items in quantities that may have a direct or indirect adverse effect on the human body, taking into account the combined action of all substances released. During the use of furniture, chemical substances belonging to the first hazard class shall not be released, and the content of the remaining substances shall not exceed the permissible migration levels into the air environment set out in Annex 3 to this Technical Regulation. If several harmful chemical substances with a cumulative effect are released from furniture, the sum of the ratios of their concentrations to their maximum permissible concentrations shall not exceed one.

Furniture used in children's, preschool, school, medical and preventive, and sanatorium and resort institutions shall allow wet disinfection of working and front surfaces in order to prevent the growth and development of microflora, especially pathogenic microflora. After disinfection with chemical reagents, there shall be no visible changes to the surface (highly resistant surfaces), or barely noticeable changes in the gloss or color of the surface may occur (resistant surfaces).

Furniture products shall not create a specific odor in the premises—no more than 2 points.

The electrostatic field intensity level on the surface of furniture for sitting and lying under operating conditions (at indoor air humidity of (30-60) %) shall not exceed 15, 0 kV/m.

The permissible specific activity of cesium - 137 in wood and wood-containing materials used for furniture manufacture shall not exceed 300 Bq/kg.

The specific effective activity of naturally occurring radionuclides in mineral-based materials used for furniture manufacture shall not exceed 370 Bq/kg.

Materials and components intended for the manufacture of furniture products shall be used in their production.

The surfaces of furniture parts made of wood-based panel materials (faces and edges) shall have protective or protective and decorative coatings, except for:

invisible surfaces in mating joints; holes at hardware installation points; edges of panels that remain open when the back wall is installed as an "overlay" or "in a rabbet".

4. The required level of electrical safety and insulation protection when furniture items are equipped with built-in electric lighting appliances, household appliances, electrical equipment and electric drives shall comply with the requirements of the Technical Regulation of the Customs Union "On the Safety of Low Voltage Equipment.

5. The required level of fire safety of textile and leather materials used as upholstery in the manufacture of upholstered elements of furniture items for sitting and lying:

5.1. Easily flammable textile and leather upholstery materials and materials classified as T4 for the toxicity of combustion products shall not be used to manufacture upholstered furniture elements for sitting and lying;

5.2. The accompanying documentation for textile and leather materials intended for furniture manufacture shall state information on their fire hazard.

6. Safety requirements for furniture products during operation:

6.1. Furniture products placed on the market shall be used for the intended use of the furniture item specified in the marking, assembly, operating and care instructions, and, where necessary, taking into account the permissible maximum loads specified by the manufacturer;

6.2. Furniture products supplied in disassembled form shall be assembled in accordance with the assembly instructions supplied by the manufacturer, including a packing list and an installation diagram;

6.3. During operation of furniture products, water and other liquids must be prevented from entering the elements of furniture items that come into contact with the floor. When installing sinks and washbasins in furniture items for kitchens and bathrooms and in laboratory furniture, their waterproofing shall be provided at the points of contact with the surface of

the furniture item body;

6.4. When furniture items are installed in the immediate vicinity of heating and heat-generating appliances, their surfaces shall be protected against heating during operation. The heating temperature of furniture elements shall not exceed +40°C.

7. Consumer information shall be provided in the form of marking, operating instructions and assembly instructions where the furniture is supplied in disassembled form:

7.1. Each furniture item sold in the territory of a Member State of the Customs Union shall bear marking in Russian and, where the legislation of that Member State contains corresponding requirements, in its state language. The trade name of products supplied from countries located outside the single territory of the Customs Union, as well as the name of the manufacturing company, may be written in Latin letters.

The marking shall be applied by printing to a paper marking tag (label) or a fabric tag, firmly attached to the furniture item supplied in assembled form.

Furniture items supplied in disassembled form may lack marking indicating the item and Date of Manufacture. In this case, the item designation shall be applied by the manufacturer or seller at the time of sale of the furniture item or during its assembly at the user's premises. The release date shall be indicated on the packaging (packages). Marking on disassembled furniture shall be applied to the packaging.

Marking may be applied with indelible paint, by stamping, burning or embossing, and individual details of the tag may also be applied with a special stamp;

7.2. The marking shall be clear and contain:

the name of the furniture item according to its intended use and functional purpose, the item designation (numeric designation, proprietary name, model and the like);

the manufacturer's trademark (logo), if available;

the name of the country of the manufacturer;

the name and location of the manufacturer;

the name, legal and actual address of the person authorised by the manufacturer and the importer;

the Date of Manufacture;

the warranty period;

the service life established by the manufacturer;

the single mark of product circulation on the market of the Member States of the Customs Union.

For furniture supplied in disassembled form, the marking tag shall be placed in the packaging together with the assembly instructions;

7.3. The marking of children's and school chairs, tables and school desks for public premises shall additionally indicate: in the numerator—their height group number, and in the denominator—the average height of the children.

The visible external surfaces of tables, school desks and chairs for preschool institutions and educational institutions (except secondary specialized and higher educational institutions) shall bear color marking in the form of a circle with a diameter of at least 10 mm or a horizontal strip measuring at least 10x15 mm, in the following colors depending on the height group numbers of the furniture item:

00 — black

0 — white

1 — orange

2 — violet

3 — yellow

4 — red

5 — green

6 — light blue.

The method of applying the color marking shall ensure its long-term preservation. Color marking made by printing on a self-adhesive base may be applied.

7.4. Furniture products shall be accompanied by instructions establishing the rules and conditions for safe operation, including the information contained in Clause 6 of Article 5 of this Technical Regulation and other additional information.

8. Ensuring compliance with safety requirements:

8.1. Compliance of furniture products with this Technical Regulation shall be ensured either by directly fulfilling its safety requirements or by fulfilling the requirements of documents included in the List of Documents in the Field of Standardization, through the application of which, on a voluntary basis, compliance with the requirements of the Technical Regulation of the Customs Union "On the Safety of Furniture Products" is ensured;

8.2. Test (research) and measurement methods for furniture products, including sampling rules required for the application and fulfillment of the requirements of this Technical Regulation and for conformity assessment (confirmation) of products, shall be established in the standards included in the List of Standards Containing Rules and Methods for Research (Testing) and Measurements, including sampling rules required for the application and fulfillment of the requirements of the Technical Regulation of the Customs Union "On the Safety of Furniture Products" and for conformity assessment (confirmation) of furniture products.

Article 6. CONFORMITY ASSESSMENT (CONFIRMATION)

1. Conformity assessment (confirmation) of furniture products with the requirements of this Technical Regulation and other Technical Regulations of the Customs Union applicable to them shall be carried out in the form of conformity confirmation (certification or declaration of conformity) and in the form of state control (supervision).
2. Domestic furniture and furniture for public premises listed in Annex 1 to this Technical Regulation shall be subject to declaration of conformity under the schemes provided for in Annex 5 to this Technical Regulation, except for children's furniture, educational institution furniture and furniture for preschool institutions, which shall be subject to mandatory certification of conformity under the schemes provided for in Annex 4 to this Technical Regulation.
3. Conformity confirmation of furniture products shall be carried out in accordance with the unified procedures and standard conformity assessment (confirmation) schemes approved by Decision No. 621 of the Commission of the Customs Union dated 7 April 2011.
4. The declaration of conformity and the certificate of conformity shall be valid throughout the single customs territory of the Customs Union with regard to furniture products placed on the market in the single customs

territory of the Customs Union during the period of validity of the declaration of conformity or certificate of conformity, and with regard to each product unit, throughout its service life.

5. Information about the declaration of conformity or certificate of conformity shall be specified in the accompanying documentation for the products.

6. When confirming the conformity of furniture products, the applicant shall compile a set of evidentiary documents confirming conformity with the safety requirements of this Technical Regulation, which shall include:

a) a technical description of the furniture item or group of homogeneous furniture products containing:

names of the furniture items (group of items);

designation and intended use of the furniture items;

general arrangement drawings indicating overall and functional dimensions;

a brief description of the product design; operating features and maximum loads;

b) certificates of conformity or test reports for materials and components (if available);

c) a list of interstate or national standards and documents specified in Clause 8.1 of Article 5 of this Technical Regulation that have been partially or fully used to ensure conformity confirmation of the products with the requirements of this Technical Regulation; where the specified standards and documents have not been applied, a description of the solutions selected to implement the requirements of this Technical Regulation;

- d) test reports for representative product samples of furniture products conducted by the manufacturer, seller, person performing the functions of a foreign manufacturer and/or accredited testing laboratories (centers) included in the Unified Register of Certification Bodies and Testing Laboratories (Centers) of the Customs Union;
- e) a contract (supply agreement) for a batch or individual product, or accompanying documentation for a batch or individual product;
- f) certificates of conformity for furniture products obtained from foreign certification bodies (if available);
- g) a certificate for the manufacturer's quality management system covering the manufacture or the design and manufacture of the furniture products submitted for conformity confirmation, if provided for by the conformity confirmation scheme;
- h) other documents directly or indirectly confirming conformity of the furniture products with the safety requirements of this Technical Regulation (if available).

7. Certification of furniture products:

7.1. Certification of furniture products shall be conducted by an accredited certification body (for conformity assessment (confirmation)) included in the Unified Register of Certification Bodies and Testing Laboratories (Centers) of the Customs Union and having furniture products within its scope of accreditation.

The applicant may submit an application for certification of the products, at its discretion, to any accredited certification body that has these products within its scope of accreditation and is included in the Unified Register of Certification Bodies and Testing Laboratories (Centers) of the Customs Union;

7.2. Certification schemes 1c, 2c and 3c, the composition of which is set out in Annex 4 to this Technical Regulation, shall be used for certification of furniture products.

Schemes 1c and 2c shall be used for certification of products manufactured in serial production.

Scheme 3c shall be used for certification of a batch of furniture products.

For certification under schemes 1c and 2c, the applicant may be a legal entity or an individual registered as an individual entrepreneur in accordance with the legislation of a Member State of the Customs Union and operating in its territory, which is either the manufacturer or the person performing the functions of a foreign manufacturer under an agreement with the manufacturer, with regard to ensuring conformity of the supplied products with the requirements of this Technical Regulation and liability for non-conformity of the supplied products.

For certification under scheme 3c, the applicant may be a legal entity or an individual registered as an individual entrepreneur in accordance with the legislation of a Member State of the Customs Union and operating in its territory, which is either the manufacturer or seller, or the person performing the functions of a foreign manufacturer under an agreement with the manufacturer, with regard to ensuring conformity of the supplied products with the requirements of this Technical Regulation and liability for non-conformity of the supplied products with the requirements of this Technical Regulation of the Customs Union (person performing the functions of a foreign manufacturer);

7.3. When conducting certification of furniture products, the applicant shall submit to the certification body (for conformity assessment and confirmation):

an application for certification;

the set of documents provided for in Clause 6 of this Article.

The application shall contain:

the name and location of the applicant;

the name and location of the manufacturer;

details of the agreement or contract (for a foreign manufacturer);

information about the furniture products and their identifying characteristics (name, Customs Tariff Number under the Customs Union's foreign economic activity classifier, document according to which the products were manufactured (interstate or national standard, technical specifications and other documents), form of manufacture — serial production or batch;

the certification scheme;

7.4. The certification body shall review the application, identify the products in accordance with Clause 5 of Article 2 of this Technical Regulation and decide whether certification can be conducted.

If the decision is positive, the certification body shall conclude an agreement with the applicant for certification work.

The certification body shall perform the work in accordance with the selected certification scheme, prepare a decision and, if the result is positive, issue a certificate of conformity to the applicant;

7.5. In the event of a negative certification result, the certification body shall send the applicant a reasoned decision to refuse issuance of a certificate of conformity;

7.6. Testing of a representative product sample (representative product samples) or an individual furniture product shall be conducted by an

accredited testing laboratory (center) included in the Unified Register of Certification Bodies and Testing Laboratories (Centers) of the Customs Union, upon assignment by the certification body. The test report shall be submitted to the product certification body and the applicant.

Sampling for testing at the manufacturer (including a foreign manufacturer), seller, importer or person authorised by the foreign manufacturer shall be carried out by the certification body or, upon its assignment, by an accredited testing laboratory (center).

The scope of testing of the furniture products subject to certification, including during surveillance inspection, shall be determined by the product certification body;

7.7. Production condition analysis shall be conducted by the certification body at the manufacturer's premises. The results of the analysis shall be documented in an act.

If the manufacturer has a certified quality management system, the certification body shall assess whether this system can ensure stable manufacture of certified furniture products in conformity with the requirements of this Technical Regulation;

7.8. Based on the positive results of the inspections provided for by the certification scheme, the certification body shall prepare the certificate of conformity and issue it to the applicant.

The certificate of conformity shall be issued using the unified form approved by Decision No. 896 of the Commission of the Customs Union dated 9 December 2011.

Information about the issued certificate of conformity shall be submitted by the certification body to the Unified Register of Issued Certificates of Conformity and Registered Declarations of Conformity issued using the unified form;

7.9. The certificate of conformity may have an annex containing a list of specific products to which it applies.

An annex shall be prepared if:

it is necessary to detail the composition of a group of homogeneous products manufactured by the applicant and certified to the same requirements;

it is necessary to specify manufacturing plants that form part of larger associations having uniform conditions for manufacturing the products;

7.10 The validity period of the certificate of conformity shall be established depending on the status of the applicant, the type and intended use of the products, the selected certification scheme, and the planned period of manufacture of the furniture products or their supply to the importing country, but shall not exceed 5 years;

7.11. Surveillance inspection of furniture products certified under schemes 1c and 2c shall be conducted by the certification body through testing samples taken from the applicant and/or production condition analysis by the product certification body (for certification under scheme 1c), and monitoring of the quality management system by the certification body for quality management systems (for certification under scheme 2c);

7.12. During manufacture of the certified products, the applicant shall inform the certification body of any changes made to the products.

The certification body shall analyse these changes and decide whether to maintain the validity of the issued certificate or conduct an unscheduled surveillance inspection to confirm conformity of the products with the changes made to the safety requirements previously confirmed during certification;

7.13. Based on the results of the surveillance inspection, the certification body shall take one of the following decisions:

consider the certificate valid as confirmed; suspend the certificate of conformity; cancel the certificate of conformity; extend the validity period of the certificate of conformity or issue a certificate of conformity for a new period;

7.14. The applicant shall retain the certificate of conformity for 10 years from the date on which manufacture of these products is discontinued. A copy of the certificate of conformity, and the documents and materials confirming the certification results, shall be retained by the certification body that issued it for at least 5 years after expiry of the certificate of conformity;

7.15. In the event of liquidation or reorganisation of a legal entity, or loss of validity of the registration of an individual entrepreneur, the certificate of conformity shall remain valid for products previously placed on the market when such products are sold during the service life established by the manufacturer.

8. Procedure for declaration of conformity of furniture products:

8.1. Declaration of conformity of furniture products is carried out by the applicant in accordance with the procedures provided for by certification schemes 1d, 2d, 3d, 4d, 6d, set out in Annex 5 to this Technical Regulation.

Schemes 1d and 2d are based on the applicant's own evidence.

Declaration of conformity under schemes 1d and 2d may be carried out for furniture for bookshop premises and retail establishments, and auditorium chairs.

Schemes 3d and 6d are applied when declaring conformity using: the manufacturer's own evidence, the evidence of the person authorised by

the manufacturer; testing of product samples conducted in accredited testing laboratories (centers) included in the Unified Register of Certification Bodies and Testing Laboratories (Centers) of the Customs Union.

Scheme 6d also provides for certification of the quality management system for the design and (or) manufacture of furniture products by an accredited certification body for quality management systems included in the Unified Register of Certification Bodies and Testing Laboratories (Centers) of the Customs Union.

Scheme 4d is applied when declaring conformity using: the manufacturer's own evidence, the evidence of the person authorised by the manufacturer, the seller, the importer; testing of product samples conducted in accredited testing laboratories (centers) included in the Unified Register of Certification Bodies and Testing Laboratories (Centers) of the Customs Union.

The safety of individually manufactured furniture products made to individual orders (taking into account sketches and dimensions of the furniture items) is confirmed by a declaration of conformity adopted by the manufacturer for furniture products with a similar design and made of similar materials (furniture sets, series, collections, programs and the like) under schemes 3d, 4d, 6d;

8.2. In accordance with the composition of the declaration of conformity schemes set out in Annex 5 to this Technical Regulation, the applicant forms a set of evidentiary documents listed in Clause 6 of this Article, conducts testing of representative product samples in an accredited testing laboratory (center) or in its own testing laboratory, and adopts and registers the declaration of conformity;

8.3. When declaring under schemes 1d and 2d, product testing may be conducted in the manufacturer's own testing laboratory. When declaring

conformity under schemes 3d, 4d and 6d, testing is conducted only in accredited testing laboratories (centers) included in the Unified Register of Certification Bodies and Testing Laboratories (Centers) of the Customs Union.

Production control when declaring under schemes 1d, 3d and 6d is carried out by the manufacturer;

8.4. When declaring conformity of furniture products under schemes 1d, 3d and 6d, the applicant may be a legal entity or an individual registered as an individual entrepreneur in accordance with the legislation of a Member State of the Customs Union in its territory, which is either the manufacturer or performs the functions of a foreign manufacturer under an agreement with the manufacturer with respect to ensuring the conformity of the supplied products with the requirements of the Technical Regulations of the Customs Union and responsibility for the non-conformity of the supplied products with the requirements of the Technical Regulations of the Customs Union (the person performing the functions of a foreign manufacturer).

When declaring conformity under schemes 2d and 4d, the applicant may be a legal entity or an individual registered as an individual entrepreneur in accordance with the legislation of a Member State of the Customs Union in its territory, which is either the manufacturer or the seller, or performs the functions of a foreign manufacturer under an agreement with the manufacturer with respect to ensuring the conformity of the supplied products;

8.5. The composition of the evidentiary materials serving as the basis for adopting the declaration of conformity:

8.5.1. as evidentiary materials serving as the basis for adopting the declaration of conformity on the basis of own evidence, the documents specified in Clause 6 of Article 6 of this Technical Regulation are used;

8.5.2. the following may be considered as conditions for applying the specified documents:

a) for test reports:

the presence in the test reports of indicator values confirming conformity with all requirements established by this Technical Regulation that apply to the specific declared products;

applicability of the test reports to the declared furniture products;

b) certificates of conformity or test reports for materials and component products (if available);

c) certificates for the quality management system for production (for scheme 6d), if they apply to the manufacture of the declared products;

d) other documents directly or indirectly confirming the conformity of furniture products with the established requirements, including certificates of conformity for the declared products issued under voluntary certification (provided that all necessary requirements were confirmed during voluntary certification);

8.6. The declaration of conformity is drawn up using the unified form approved by Decision No. 896 of the Commission of the Customs Union dated 9 December 2011;

8.7. The declaration of conformity may be adopted for specific types of furniture products or for a group of homogeneous products for which uniform safety requirements subject to conformity confirmation have been established;

8.8. The declaration of conformity is adopted for a period established by the applicant (manufacturer, seller, person authorised by the manufacturer, importer), based on the planned period for placing serial

products on the market, the batch volume, the validity period of the evidentiary documents on the basis of which the declaration was adopted, and the selected declaration of conformity scheme, but for no more than five years;

8.9. The applicant shall retain the declaration of conformity and the evidentiary materials for ten years from the date on which the validity period of the declaration of conformity expires.

The set of documents confirming conformity must be provided to state control (supervision) bodies at their request.

9. The applicant shall take all necessary measures to ensure that the production process for serially manufactured furniture products is stable and ensures their conformity with the requirements of this Technical Regulation.

10. State control (supervision) over compliance with the requirements of this Technical Regulation of the Customs Union is carried out in accordance with the procedure established by the national legislation of the Member States of the Customs Union.

Article 7. MARKING WITH THE SINGLE MARK OF PRODUCT CIRCULATION

OF PRODUCTS ON THE MARKET OF THE MEMBER STATES

OF THE CUSTOMS UNION

1. Furniture products that comply with the safety requirements and have undergone the conformity confirmation procedure in accordance with Article 6 of this Technical Regulation must 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 is applied before the furniture products are placed on the market.

3. The single mark of product circulation on the market of the Member States of the Customs Union is applied to the marking tag (label) located on the fixed part of each furniture item. The single mark of product circulation on the market of the Member States of the Customs Union must not be applied to the surface of pull-out drawers, removable shelves or other parts, including components, that may be replaced.

The single mark of product circulation on the market of the Member States of the Customs Union is also applied to the accompanying documents and waybills supplied with the furniture products.

The single mark of product circulation on the market of the Member States of the Customs Union is applied by any method that ensures a clear image throughout the entire service life of the furniture.

4. For furniture items of knock-down or modular construction supplied in disassembled form, the single mark of product circulation on the market of the Member States of the Customs Union may be applied only to their packaging and the accompanying documents supplied with them.

Article 8. SAFEGUARD CLAUSE

1. The Member States of the Customs Union shall take all measures to restrict and prohibit the placing on the market of furniture products in the single customs territory of the Customs Union, as well as to withdraw from the market furniture products that do not comply with the safety requirements of this Technical Regulation or that are supplied or in circulation without a conformity assessment (confirmation) document and/or without the single mark of product circulation on the market of the Member States of the Customs Union.

The authorized body of a Member State of the Customs Union shall notify the competent authorities of the other Member States of the Customs Union of the decision taken, stating the reasons for that decision and providing evidence explaining the need to take this measure.

2. Failure to comply with the requirements of this Technical Regulation may constitute grounds for applying the safeguard provision.

Annex 1
to the Technical Regulation of the Customs Union
"On the Safety of Furniture Products"

**List of furniture products to which
the requirements of the Technical Regulation of the
Customs
Union "On the Safety of Furniture Products" apply**

No. item No.	Product name	
1	2	
1.	DOMESTIC FURNITURE AND FURNITURE FOR PUBLIC PREMISES BY INTENDED USE	
1.1.	Laboratory furniture, except for medical laboratory furniture	
1.2.	Educational institution furniture	
1.3.	Furniture for preschool institutions	
1.4.	Furniture for retail establishments, public catering and consumer services enterprises	
1.5.	Furniture for hotels, health resorts and dormitories	

1.6.	Furniture for theatrical and entertainment enterprises and cultural institutions	
1.7.	Furniture for administrative premises	
1.8.	Furniture for railway stations, financial institutions and communications enterprises	
1.9.	Furniture for bookshop premises (shelving units, shelves, cabinets, tables)	
1.10.	Furniture for shipboard premises (cabins, wardrooms, navigation bridge, central control station, rest areas, dining room, clinic)	
2.	DOMESTIC FURNITURE AND FURNITURE FOR PUBLIC PREMISES BY FUNCTIONAL PURPOSE	
2.1.	Tables (dining, writing, dressing, coffee, computer tables, tables for television, radio and video equipment, telephones, terraces and hallways, and other items)	

2.2.	Chairs, armchairs, banquettes, stools, benches, ottomans, sofas, couches, divans, chair beds, sofa – beds	
2.3.	Beds	
2.4.	Mattresses	
2.5.	Cabinets, cupboards, shelving units, secretary desks, chests of drawers, pier glasses, tri-fold mirrors and other items (chests, whatnot stands, screens, stands, clothes hangers, boxes, shelves and other items)	
2.6.	Children's furniture (tables, chairs, beds, playpens, boxes for toys, armchairs, sofas, cabinets, cupboards, stools, benches, mattresses, sofa beds and other items)	

Appendix 2
to the Technical Regulation of the Customs Union
"On the Safety of Furniture Products"

Requirements for the mechanical safety of furniture products

1. Safety requirements for cabinet furniture items and tables

Table 1

Name of indicator	Indicator value depending on the intended use of furniture		
	domestic	for public premises, for administrative premises of educational institutions	for classrooms, laboratories and auditoriums of educational institutions, theater and entertainment enterprises, sports facilities, waiting rooms of transport facilities
1	2	3	4

CABINET FURNITURE	600	600	600
Strength and deformability of the case:	3,0	3,0	3,0
-loading cycles - deformation, mm, not	500	500	500
more than Strength of base, loading cycles	5,0	5,0	5,0
Deflection of free- lying shelves per 1 m of length, mm, not more than Strength of shelf supports, loading cycles	10	10	10
Strength of top and bottom panels under load action, hour, without failure	24	24	24

Durability of rolling supports, rolling cycles:			
-with stroke length (500±50)mm	2500	5000	10000
-with stroke length (250±25)mm	5000	10000	20000
Strength of case and attachment of wall hangers of wall-hung cabinet furniture items, daN, without failure	Design load depending on the functional purpose of the item		
DOORS WITH VERTICAL AXIS OF ROTATION			

Stiffness of door attachment, characterized by residual deformation, mm, not more than:			
-inset	1,0	1,0	1,0
-overlay	2,0	2,0	2,0
Strength of door attachment, loading cycles	10	10	10
Durability of door attachment: -loading cycles	20000	40000	80000
-residual deformation, mm, not more than:			
- inset	1,5	1,5	1,5
- overlay	2,5	2,5	2,5

DOORS WITH HORIZONTAL AXIS OF ROTATION			
Strength of attachment, loading cycles:	10	10	10
-deformation under load, mm, not more than	50,0	50,0	50,0
-residual deformation, mm, not more than	20,0	20,0	20,0
Durability of attachment, loading cycles	5000	10000	20000
SLIDING DOORS AND HORIZONTAL ROLLER SHUTTER DOORS			
Sliding force, daN, not more than	3,0	3,0	3,0

Strength of attachment, daN	3,0	4,0	4,0
Durability of attachment, loading cycles	10000	20000	40000
VERTICAL ROLLER SHUTTER DOORS			
Sliding force, daN, not more than	3,0	3,0	3,0
Strength, loading cycles	20	30	40
DRAWERS (HALF-DRAWERS)			
Pull-out force of drawers, daN, not more than	5,0	5,0	5,0
Strength of drawers:			

-under loading of drawer bottom, daN	Qoper.+4,0	Qoper.+6,0	Qoper.+7,0
	Q - design operational load		
-under vertical loading of the front wall of drawer, cycles	10	10	10
-under horizontal dynamic loading of drawer, cycles	50	50	50
Durability of drawers:			
-loading cycles	20000	40000	80000
-deformation, mm, not more than	2,0	2,0	2,0
RODS			

Deflection of reference stationary rod 1 metre long, mm, not more than	8,0	8,0	8,0	
Pull-out force of rods, daN, not more than Durability of pull-out rods,	5,0	5,0	5,0	
loading cycles,	20000	20000	30000	
with deflection, mm, not more than Strength of pull-out rods, daN Strength of rod holders, daN	5,0 Q+5,0 Q - design depending on length		5,0 Q+5,0 operational	5,0 Q+5,0 load of rod

DINING TABLES, INCLUDING SCHOOL TABLES (EXCEPT FOLDING TABLES)			
Stability, daN, not less than vertical load for tables with mass:			
up to 15 kg incl.	10,0	10,0	10,0
over 15 kg	15,0	15,0	15,0
horizontal load for tables with mass:			
up to 15 kg incl.	3,0	3,0	3,0
over 15 kg	5,0	5,0	5,0

Strength under vertical static load:			
loading cycles,	10	10	10
deflection, mm, not more than	10,0	10,0	10,0
Strength under sustained vertical load:	1,0	1,0	1,0
deformation under load (deflection), %, not more than residual deformation, mm, not more than	2,0	2,0	2,0
Strength under impact load:	80,0	140,0	180,0
drop height of weight, mm			

Stiffness:	10	10	10
loading cycles	15,0	15,0	15,0
deformation, mm, not more than *			
Durability under	10000	15000	30000
horizontal load:	20,0	20,0	20,0
loading cycles			
deformation, mm, not more than *			
Durability under	7500	10000	30000
vertical load:	10,0	10,0	10,0
loading cycles			
deformation, mm, not			
more than			
Strength on	10	10	10
dropping onto the	150,0	200,0	300,0
floor:			
number of drops			
drop height, mm			

DESKS (WORK TABLES)	15,0	15,0	15,0
Stability, daN, not less than:	5,0	5,0	5,0
vertical load (on top)	2,0	2,0	2,0
horizontal load (on top)	4,0	4,0	4,0
vertical load of items with drawers and doors:			
on door on drawer			
Strength under vertical static load:	10	10	10
loading cycles, deflection, mm, not more than	10,0	10,0	10,0

Strength under sustained vertical load:	1,0	1,0	1,0
deformation under load (deflection), %, not more than residual deformation, mm, not more than	2,0	2,0	2,0
Strength on impact load	80,0	140,0	180,0
drop height of load, mm			
Stiffness:	10	10	10
loading cycles deformation, mm, not more *	20,0	20,0	20,0

Durability under horizontal load: loading cycles deformation, mm, not more *	10000 25,0	15000 25,0	30000 25,0
Durability under vertical load: loading cycles deformation, mm, not more	7500 5,0	10000 5,0	30000 5,0
Strength on dropping onto the floor: number of drops drop height, mm	10 150,0	10 200,0	10 300,0

Durability of rolling supports, rolling cycles: with a travel length of (500±50)mm with a travel length of (250±25)mm	2500	5000	10000
	5000	10000	20000
COFFEE TABLES			
Stability, daN, not less than:	10,0	10,0	10,0
vertical load for tables	15,0	15,0	15,0
with a mass of:	1,0	1,0	1,0
up to and including 15 kg over 15 kg	3,0	3,0	3,0
horizontal load for tables			
with a mass of:			
up to and including 15 kg over 15 kg			

Strength under vertical static load: loading cycles, deflection, mm, not more	10 10,0	10 10,0	10 10,0
Strength under sustained vertical load: deformation under load (deflection), %, not more residual deformation, mm, not more	1,0 2,0	1,0 2,0	1.0 2,0
Strength on impact load: drop height of load, mm	80,0	140,0	180,0

Stiffness:	10	10	10
loading cycles	15,0	15,0	15,0
deformation, mm,			
not			
more *			
Durability under	10000	15000	30000
horizontal load:	20,0	20,0	20,0
loading cycles			
deformation, mm,			
not			
more *			
Durability under	7500	10000	30000
vertical load:	5,0	5,0	5,0
loading cycles			
deformation, mm,			
not			
more			

Strength on dropping onto the floor: number of drops drop height, mm	10 150,0	10 200,0	10 300,0
Durability of rolling supports, rolling cycles: with a travel length of (500±50)mm with a travel length of (250±25)mm	2500 5000	5000 10000	10000 20000
DRESSING TABLES			
Stability, daN, not less than: - vertical load - horizontal load for tables with a mass of:	10,0	10,0	-
up to and including 10 kg	1,0	1,0	-

over 10 kg	3,0	3,0	-
Strength under vertical static load:	10	10	-
loading cycles, deflection, mm, not more	10,0	10,0	-
Strength under sustained vertical load:	1,0	1,0	-
deformation under load (deflection), %, not more residual deformation, mm, not more	2,0	2,0	-
Strength on impact load:	80,0	140,0	-
drop height of load, mm Stiffness:	10	10	-
cycles deformation, mm, not more *	15,0	15,0	-

Durability under horizontal load: loading cycles deformation, mm, not more *	5000 20,0	10000 20,0	- -
Strength on dropping onto the floor: number of drops drop height, mm	10 150,0	10 200,0	- -
CHILDREN'S TABLES			
Stability, daN, not less than: vertical load horizontal load for tables with a mass of:	10,0	10,0	-
up to and including 10 kg	1,0	1,0	-

over 10 kg	3,0	3,0	-
Strength under static load: deflection, mm, not more	10,0	10,0	-
Strength on impact load:			
drop height of load, mm	80,0	80,0	-
Stiffness: deformation, mm, not more: *			
for size groups 0, 00, 1	5,0	5,0	-
for size groups 2, 3	7,5	7,5	-
Durability under horizontal load:			

loading cycles deformation, mm, not more: *	3000	5000	-
for size groups 0, 00, 1	7,5	7,5	-
for size groups 2, 3	10,0	10,0	-
Strength on dropping onto the floor:			
number of drops	10	10	-
drop height, mm	150,0	200,0	-
SCHOOLCHILDREN'S TABLES AND TEACHER'S TABLES			
Table stability, daN, not less than:			
single-seat	-	-	40

two-seat	-	-	60
Stiffness, daN/mm, not less than	-	-	2,5
Table strength under vertical static load, daN, not less than:			
single-seat	-	-	200
two-seat	-	-	300
Durability under horizontal load:			
loading cycles	-	-	600
daN/mm, not less than	-	-	2,0
Strength of rear wall fastening, cycles	-	-	600

Strength on impact load:			
- loading cycles	-	-	10
- drop height of load, mm:			
for teacher's tables	-	-	140
for schoolchildren's tables	-	-	180
Strength on dropping onto the floor:			
number of drops	-	-	10
drop height, mm	-	-	200

*) Deformation of tables with bent-glued supports and metal legs, as well as tables made of plastics, is not standardized; the presence of defects is assessed visually.

2. Stability of cabinet furniture items

Table 2

Height of item, m	Stability without load	Stability under load, daN, not less than		
		on a door	on a drawer	on an open shelf
Up to 1,0	Stable	2,0	4,0	1,0
Over 1,0 to 1,5	Same	3,0	6,0	
" 1,5 " 2,0	"	4,0	8,0	
" 2,0	"	5,0	10,0	

3. Safety requirements for seating and reclining furniture

Table 3

Indicator name	Indicator value depending on the intended use of the furniture		
	domestic	for public premises, for administrative premises of educational institutions	for classrooms, laboratories and auditoriums of educational institutions, theatre and entertainment establishments, sports facilities, waiting rooms of transport vehicles
1	2	3	4

CHAIRS, STOOLS, WORK			
CHAIRS, OTTOMANS			
Stability:	2	2	2
of stools, ottomans and chairs in	8	8	8
the forward and lateral directions, daH	15	15	15
of chairs with backrests less than			
50 mm high in the backward direction,			
daH of chairs with backrests 50			
mm or higher in the backward direction, daH			
Static strength of the seat,	100	130	160
daH			

Static strength of the backrest, daH, with balancing load on the seat, daH	40 100	55 130	75 160
Static strength of the armrests (side panels) in the lateral direction, daH	30	40	60
Static strength of the headrest in the lateral direction, daH	20	30	40
Static strength of the armrests (side panels) under a vertical load, daH	70	80	90
Static strength of the legs, daH: under a forward load:	35	50	60
- with load on the seat	75	100	120

- under a lateral load:	30	40	50
- with load on the seat	75	100	120
Strength of box bases under diagonal loading, daH	25	35	50
Durability (fatigue) of the seat, cycles	25000	50000	100000
Durability (fatigue) of the backrest, cycles	25000	50000	100000
with balancing load on the seat, daH	100	100	100
Impact strength of the seat: drop height of the load, mm	140	140	140

Impact strength of the backrest and armrest:			
drop height of the load, mm	120	210	330
angle of load impact, degrees	28	38	48
Strength of the product when dropped onto the floor:			
Stackable or specially designed chairs and stools, with legs or supports more than 200 mm long			
drop height of the product, mm	300	450	600
angle of product impact, degrees	10	10	10

Non-stackable chairs, stools and ottomans, with casters or smoothly rotating supports, with legs or supports more than 200 mm long: smoothly rotating supports, with legs or supports more than			
200 mm: drop height of the product, mm	150	200	300
angle of product impact. degrees	10	10	10
Chairs, stools and ottomans with legs or supports less than 200 mm long:			

drop height of the product, mm	75	100	150
angle of product impact, degrees	10	10	10
Durability of wooden chairs, rocking cycles	12000	15000	20000
Durability of swivel supports and rolling supports, rolling cycles	5000	10000	20000
CHILDREN'S CHAIRS			
Stability, degrees, at least: for size numbers 00, 0	20	20	
for size numbers 1, 2, 3 for convertible chairs, daH, at least:	14	14	

in the "forward" direction	1,5	1,5	-
in the "backward", "left", "right" directions	3,0	3,0	-
Strength of the frame of convertible chairs in each direction: "forward", "backward", "left", "right" Strength of the table and footrest of a convertible chair, loading cycles	30	2 drops 30	-
Strength of attachment of the chair seat to the metal frame, loading cycles	30	30	-

Strength of attachment of the add-on backrest of the chair to the metal frame, daH, for size numbers 1, 2,3	60	60	-
Durability of joiner's, bent-glued and mixed-construction chairs, rocking cycles: for size numbers 1, 2, 3	12000	20000	-
Strength on dropping onto the floor of chairs of size numbers 00,0: drop height, mm			
- stackable chairs	300	450	
- non-stackable chairs	150	200	

Static strength of the seat, daH, for size numbers: 1,2,3	80	80	
FOLDING CHAIRS, ARMCHAIRS, STOOLS			
Durability of the seat, cycles: rigid fabric seat residual deformation between supports (legs), mm, no more than	5000 1500 20	5000 1500 20	- - -
Durability of the backrest, cycles: rigid fabric backrest Durability of the armrests, cycles:	5000 1500	5000 1500	- -

under a vertical load	1500	1500	-
Under a horizontal load	1500	1500	-
SCHOOL CHAIRS			
Stability, degrees, at least	-	-	14
Static strength of attachment	-	-	60
of the add-on backrest of the chair to the frame,	-	-	80
daH, at least, for chairs numbered:			
1, 2, 3 4, 5, 6			
Strength of attachment of the seat to	-	-	50
the metal frame, loading	-	-	30
cycles for chairs numbered:			
1, 2, 3 4, 5, 6			

Durability of wooden chairs: rocking cycles Static strength of the chair seat on the metal frame, daH, at least, for chairs numbered: 1, 2, 3 4, 5, 6	-	-	12000
	-	-	80
	-	-	200
Strength on dropping onto the floor: number of drops on each (front and rear) leg, drop height, mm: - stackable chairs - non-stackable chairs	-	-	10
	-	-	600
	-	-	300
BEDS			

Durability of the structure: loading cycles deformation, mm, no more than:	600	600	-
beds with suspended backrests	30	30	-
beds with supporting backrests	24	24	-
Strength of attachment of support elements to bed rails, loading cycles	5000	5000	-
Strength of connection of supporting backrests of beds to bed rails (for each connection), loading cycles	500	1 000	-
Durability of bed rails, loading cycles	5000	5000	-

Impact strength of bases, loading cycles	10	10	-
Durability of flexible and resilient bases: loading cycles	5000	5000	-
residual deformation, mm, not more than	5	5	-
Transformation force of built-in beds, daN, not more than	10	10	-
Strength of built-in beds on dropping, cycles	5	5	-
BUNK BEDS			
Stability, daN, not less than	12,0	12,0	-

Strength of upper tier guard, loading cycles	10	10	-
Strength of upper tier attachment, daN	50	50	-
Structural durability, loading cycles	10000	20000	-
Durability of base, loading cycles	10000	20000	-
Strength of base, loading cycles	10	10	-
Static strength of ladder attachment, daN: vertical load	100,0	100,0	-

horizontal load	50,0	50,0	-
Strength of each ladder rung, loading cycles	3	3	-
Version *)			
BEDS, TYPE I (for children under 3 years)			
Stability, daN, not less than:	3,0	3,0	-
Deformability of guard uprights under load, mm, not more than	10,0	10,0	-
Strength of uprights in bending test, daN	25	25	-

Strength of base at each loading point, loading cycles	500	1000	-
Durability: loading cycles	1500	1500	-
deformation, mm, not more than	28	28	-
BEDS, TYPE II (for children from 3 to 7 years)			
Durability: loading cycles	600	1000	-
deformation, mm, not more than:			
with supporting backrests	15	15	-
with suspended backrests	20	20	-

Strength of base at each test point, loading cycles	500	500	-
UPHOLSTERED ELEMENTS			
Durability of spring upholstered elements used as a sleeping place: loading cycles settlement, mm, not more than:	29000	29000	-
- single-sided softness	22	22	-

- double-sided softness	30	30	-
settlement irregularity of upholstered element with single- sided and double- sided softness, mm, not more than	15	15	-
Residual deformation of non-spring upholstered elements, %, not more than	10	10	10
SOFAS, SOFA BEDS, LOUNGE CHAIRS, CHAIR BEDS, COUCHES, DIVANS, BENCHES, BANQUETTES			
Stability: of single-seat seating products			

in directions:	8,0	8,0	8,0
forwards, daN, not less than backwards, daN, not less than	15,0	15,0	15,0
sideways:	8,0	8,0	8,0
for products without side panels (armrests), daN, not less than			
for products with side panels (armrests) under action of a load of 35 kg mass of multi-seat seating products in directions:		Stable	

forwards and backwards, daN, not less than	15,0	15,0	15,0
convertible products for lying down		Stable	
under action of two loads of 60 kg mass each			
Static strength of suspended	80,0	80,0	80,0
side panels:	10	10	10
load, daN loading cycles			
Strength of supports (legs) in transverse and longitudinal directions:			
load, daN	40,0	40,0	40,0
loading cycles	10	10	10

Durability (except seats, backrests and sleeping place of sofa beds and chair beds manufactured on the basis of spring units forming part of the sleeping place):			
seats, loading cycles	5000	10000	15000
backrests,	5000	10000	15000
loading cycles side panels, loading	3000	6000	10000
cycles of sleeping place, loading	5000	10000	-
cycles with residual deformation of products with resilient or flexible bases, %, not more than	10	10	10

Impact strength of seat or sleeping place:			
drop height of load, mm	140	140	140
loading cycles	10	10	10
Strength of base of bedding storage compartment, daN	Design load depending on compartment volume (without failure)		
Transformation force of sofa bed sleeping places (or sections thereof), daN, not more than	10	10	-
Strength of frame on dropping: drop height, mm number of drops	100 5	150 5	200 5

ROCKING CHAIRS Stability:	No tipping over under manual action		
Durability under horizontal loading of side panels, loading cycles	500	500	-
Strength under impact load:			
drop height of load, mm	50	50	-
loading cycles	10	10	-

Note *)

Requirements for the design of bunk beds:

1. In bunk beds, all beds used as upper beds and located at a height of 800 mm or more above the floor must be fitted with guards on all four sides. The guards must be secured so that they can be removed only with a tool. The guard may be absent at the foot end of the bed if a stationary ladder is provided instead, with rungs extending across the entire width of the opening and capable of serving an additional function as storage compartments (drawers).

2. The distance between the upper edge of the guard and the upper surface of the bed base must be at least 260 mm; between the upper edge of the guard and the upper surface of the mattress, at least 160 mm.
3. The clearance between the mattress and the lower surface of the guard, or between individual horizontal or vertical elements of the guard, must be from 60 to 100 mm.
4. The maximum level of the upper surface of the mattress must be marked with an indelible marker on one or more elements of the guard of the upper tier of the bed. The assembly instructions must provide recommendations on the overall dimensions of the mattress with which the bed will be equipped.
5. Bunk beds must be fitted with an attached ladder. The ladder may be an integral part of the bed structure.

One of the longer sides of the guard may be completely separated by the attached ladder. The width of the opening in the guard for the attached ladder must be from 300 to 400 mm.

The distance between the upper surfaces of two consecutive ladder rungs must be (250 ± 50) mm. The distance between the rungs must be equal, with a maximum deviation of ± 2 mm. The distance between two consecutively positioned rungs must be at least 200 mm; the usable length of the rung must be at least 300 mm.

6. The clearances between the bed base, bed rails, backrests and guard elements must not exceed 25 mm.
7. The bed base must allow air to pass through.

Requirements for the softness of furniture for sitting and lying, depending

on the intended use.

Table 4

Intended use of products	Type of furniture	Softness category *	
		Domestic furniture	Furniture for public premises
For rest in a sitting position	Lounge chair, sofa	0-IV	0-IV
	Banquette, ottoman	I-IV	I-IV
	Bench	IV	IV
For prolonged rest in a lying position	Mattress: single-sided and double-sided softness	I	I
	Mattress: double-sided softness, intended for use on a flexible or resilient base	I, II	I, II
	Bed: with a flexible or resilient base and mattress	0, I	0, I
	Bed: with a rigid base and mattress	I	I

Sofa bed in the “bed” position: with a flexible base made of bent-glued slats arranged over the entire sleeping surface, with padding (mattress)	0-II	0-II
Sofa bed in the “bed” position: with a rigid base and upholstered elements made on the basis of spring units	I, II	I, II

Sofa bed in the “bed” position: with various transformation schemes, various padding materials and types of bases	I-III	I-III	
For short-term rest in a lying position	Couch, divan	0-III	I-IV
	Chair bed	I-III	I-III
For work in a sitting position and short-term rest	Chair, work chair, stool	II-IV	II-IV

*) Softness is determined taking into account the base of the seat, backrest and sleeping surface.

The softness category of products intended for work and rest in a sitting position is determined by the seat indicator.

Softness indicators depending on the category.

table 5

Softness category of furniture elements	Deformation of the upholstered element under a load of 70 daN, mm	Compliance, mm/daN
0	At least 120	From 2,4 to 4,2
i	From 95 to 115	From 1,7 to 2,3
ii	From 70 to 90	From 1,3 to 1,6
iii	From 50 to 65	From 0,5 to 1,2
iv	From 15 to 45	From 0,2 to 0,4

Note: if the deformation and compliance indicators obtained during testing correspond to adjacent categories, or if the indicators fall between categories, the softness of the elements should be assigned to the category corresponding to the lower indicator.

The softness indicators (deformation and compliance) of the sleeping surface of a bed with a flexible or resilient base must fall within one category.

Softness categories are not established for upholstered elements of children's furniture.

Safety requirements for auditorium chairs

Table 6

Indicator name	Indicator value
Strength of the frame of a chair with tip-up seats: loading cycles	600
deformation of the tip-up seat, mm, not more than	20
Static strength of the attachment of chair elements, daN, at least:	100
tip-up seats	60
cantilever armrests	15
retractable tables	50
overlay backrests	50
Stability of individual and non-stationary sectional chairs, daN, at least:	
for one chair:	50
when tilted forward	25
when tilted backward	

for two adjacent chairs:	100
when tilted forward	50
when tilted backward	

Safety requirements for furniture for retail establishments

Table 7

Indicator name	Indicator value
Strength of the shelf for installing a cash register, daN, at least	40
Deflection of the clothes rail per 1 metre of rail length, mm, not more than	10
Strength of the clothes rail, daN	50
Strength of horizontal load-bearing elements of display shelving units, counters, display cabinets, tables, platforms, stands and shelving units, daN/m ² of area:	
made of metal	150
made of wood and wood-based materials	100
made of glass	30
Deflection of horizontal load-bearing elements under load per 1 metre of length, mm, not more than:	

made of metal, wood and wood-based materials	6
made of glass	4
Permissible deviation from the vertical of the uprights in display shelving units, mm, not more than, at a height of, mm:	
1200	15
1400	20
1600, 1800	25
2000, 2200	30

Safety requirements for furniture for bookshop premises

Table 8

Indicator name	Indicator value
Strength of shelves of bookshop furniture, daN/m ² , at least	120
Deflection of shelves under load, mm per 1 metre of shelf length, not more than	5
Force required to pull out a drawer when fully loaded, daN, not more than	5
Strength of handle attachment, daN, at least:	
in tension	30
in bending	15

Appendix 3
to the Technical Regulation of the Customs Union
“On the Safety of Furniture Products”

Requirements for Chemical Safety of Furniture Products

Name of volatile chemical substances released into indoor air during furniture operation *)	Permissible migration level of substances, mg/m ³
Ammonia	0,04
Acrylonitrile	0,03
Phosphoric anhydride	0,05
Butyl acetate	0,1
Vinyl acetate	0,15
Hydrogen cyanide	0,01
Hexamethylenediamine	0,001
Dibutyl phthalate	0,1
Diocetyl phthalate	0,02
Sulfur dioxide	0,05
Xylene	0,1

Caprolactam	0,06
Methyl methacrylate	0,01
Styrene	0,002
Methyl alcohol	0,5
Butyl alcohol	0,1
Isopropyl alcohol	0,2
Toluene	0,3
Toluene diisocyanate	0,002
Formaldehyde	0,01
Phenol	0,003
Phthalic anhydride	0,02
Hydrogen chloride	0,1
Ethylene glycol	0,3
Epichlorohydrin	0,04

Ethyl acetate	0,1
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Note:

*) The list of controlled volatile chemical substances released from furniture is determined depending on the chemical composition of structural, facing, finishing, padding, upholstery, and adhesive materials used in its manufacture.

Annex 4
to the Technical Regulation of the Customs Union
"On Safety of Furniture Products"

Mandatory certification schemes for furniture products

Scheme number	Scheme elements			Application	Document confirming conformity
	Product testing, technical documentation	Production assessment	Surveillance inspection		
1	2	3	4	5	6

1c	Testing of product samples in an accredited testing laboratory (center). Samples for testing are taken by an accredited product certification body from the applicant. The applicant compiles technical documentation in accordance with	Production condition analysis by the product certification body	Testing of product samples and (or) production condition analysis	For serially produced products. Applicant: manufacturer, including a foreign one, provided there is a person authorised by the manufacturer in the single customs territory of the Customs Union.	Certification of conformity for serially produced products
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2c	Testing of product samples in an accredited testing laboratory (center). Samples for testing are taken by an accredited product certification body from the applicant. The applicant compiles technical documentation in accordance with clause 7.2 of Article 6	Certification of the quality management system for design and (or) production by an accredited quality management systems certification body, included in the Unified Register of Certification Bodies of the Customs	Testing of product samples and control of the management system by the management systems certification body	For serially produced products. Applicant: manufacturer, including a foreign one, provided there is a person authorised by the manufacturer in the single customs territory of the Customs Union.	Certification of conformity for serially produced products
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3c	Testing of product samples in an accredited testing laboratory (center). Samples for testing are taken from the batch by an accredited product certification body. The applicant compiles technical documentation in accordance with	–	–	For a batch of products. Applicant: seller (supplier), manufacturer, including a foreign one	Certificate of conformity for a batch of products
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**Annex 5
to the Technical Regulation of the Customs Union
"On Safety of Furniture Products"**

Declaration of conformity schemes for furniture products

Scheme number	Scheme elements			Application	Documentation confirming conformity
	Product testing, technical documentation	Production assessment	Production control		
1	2	3	4	5	6

1d	Testing of product samples is carried out by the manufacturer at its own testing facility. The applicant compiles and analyzes technical documentation in accordance with Clause 7.2 of Article 6 of this Technical Regulation.	-	Carried out by the manufacturer	Serially produced: furniture for bookshop premises; furniture for retail establishments; chairs for auditorium halls. Applicant: manufacturer of a Member State of the Customs Union or a person authorised by the foreign	Declaration of conformity for serially produced products
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2d	Testing of samples from a batch of products is carried out by the manufacturer at its own testing facility. Applicant compiles and analyzes technical documentation in accordance with Clause 7.2 of Article 6 of this Technical	-	-	Batch of products: furniture for bookshop premises; furniture for retail establishments; chairs for auditorium halls. Applicant: manufacturer, seller (supplier) of a Member State of the Customs Union. Union or person	Declarat of conform for a ba of product
				by the manufacturer	

3d	Testing of product samples in an accredited testing laboratory (center) is ensured by the applicant. The applicant compiles and analyzes technical documentation in accordance with Clause 7.3 of Article 6 of this Technical Regulation.	-	Carried out by the manufacturer	Serially produced domestic furniture and furniture for public premises, except children's. Applicant: manufacturer of a Member State of the Customs Union or a person authorised by the manufacturer on the single customs territory of the Customs	Declaration of conformity for serially produced product
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4d	Testing of product samples in an accredited testing laboratory (center) is ensured by the applicant. The applicant compiles and analyzes technical documentation in accordance with Clause 7.3 of Article 6 of this Technical Regulation	-	-	Batch of products, individual furniture items: domestic and for public premises, except children's. Applicant: manufacturer, seller (supplier) of a Member State of the Customs Union or a person authorised by a foreign manufacturer	Declaration of conformity for a batch of product
				customs	territory of the

6d	Testing of product samples in an accredited testing laboratory (center) is ensured by the applicant. The applicant compiles and analyzes technical documentation in accordance with Clause 7.3 of Article 6 of this Technical Regulation.	Certification of the quality management system of design and (or) production by an accredited certification body for quality management systems, included in the Unified Register of Certification Bodies of the Customs	Carried out by the manufacturer	Serially produced domestic furniture and furniture for public premises, except children's. Applicant: manufacturer of a Member State of the Customs Union or a person authorised by the manufacturer in the territory of the Customs Union.	Declaration of conformity for serially produced product
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