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## **Technical Regulations of the Customs Union TR CU 025/2012 "On the safety of furniture products"**

### **Article 1. Foreword**

1. This technical regulation of the Customs Union was 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 November 18, 2010.

2. This technical regulation of the Customs Union has been developed with the aim of establishing in the unified customs territory of the Customs Union uniform requirements for furniture products that must be applied and fulfilled, to ensure free movement of furniture products released into circulation in the unified customs territory of the Customs Union.

3. If, in respect of certain types of furniture products taken other technical regulations of the Customs Union, establish requirements for furniture production, the furniture production must comply with the requirements of these technical regulations, the action of which on it is distributed.

4. The Parties shall ensure that an appeal of furniture products of the present technical regulations, on the territory of their states without bringing additional requirements to this product, and without conducting additional procedures assessment (confirmation) of conformity.

### **Section 2. Field of application**

1. This technical regulation establishes requirements for furniture products and the processes of their use (operation) in order to ensure the protection of life and (or) human health, property, environment and life and (or) health of animals and plants in the common customs territory of the Customs Union, as well as the prevention of actions, introducing to mislead consumers.

2. This technical regulation applies to put into circulation at the common customs territory of the Customs Union, furniture production - products, kits, sets of furniture household and for public buildings, in that among other things, made for individual orders.

3. List of furniture products, in respect of which the established requirements of the technical regulations, given in Appendix 1 of the Technical Regulations.

4. This technical regulation does not apply to:  
furniture medical in fact include a special type of  
operating tables, tables for inspection, hospital beds with mechanical fittings, dental chairs and other surgical, dental, veterinary,

furniture intended for use in air, ground and underground transport;  
antique furniture;

furniture, a former in -hand and repaired;

furniture samples intended for display at exhibitions and for advertising.

5. To establish the compliance of furniture products with the scope of this technical regulation, its identification is carried out .

5.1. Identification of furniture products is carried out:

certification bodies - upon confirmation of its compliance with the requirements of this technical regulation;

the manufacturer (seller or person authorized by the manufacturer) - if the declaration of conformity and with the placement of furniture products in the market, in that those 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 parties.

5.2. One of the methods or their combination is used to identify furniture products :

by

documentation; visual;

organoleptic; instrumental.

5.3. Identification of furniture products, on which extends the action of this technical regulation is carried out by comparing the name and destination articles of furniture, the manufacturer of the marking (label, label), with the name and designation specified in the certificate of conformity or a declaration of compliance and, if necessary, in the technical description of the product, set, furniture set. The following can be used as descriptions :

interstate standards for functional dimensions, terms and definitions; design and operational documentation;

supply agreements (contracts,

agreements); technical descriptions developed by

the manufacturer; catalogs, brochures and brochures.

### **Article 3. Definitions**

In the present technical regulations the following terms and their definitions are: release of goods in circulation - placing on the market of states - members of the Customs Union of products sent from the warehouse of the manufacturer, seller or a person performing the foreign manufacturer, or shipped without storage, or exported for implementation on the territory of the states - members of the Customs Union;

furniture set - a group of furniture products intended for the arrangement (furnishings) of a certain functional area of the room, united by the same artistic, stylistic and constructive features;

group of homogeneous furniture products - individual furniture items united by a common functional purpose, as well as furniture sets or sets ;

durability - the property of furniture products to maintain rigidity, strength and performance under the influence of long-term operational loads;

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

protective and decorative coating - a coating on the surface of a piece of furniture, simultaneously performing the functions of protective and decorative;

protective coating - a coating applied to furniture parts in order to protect the surface from moisture and other aggressive substances, as well as to prevent the release of harmful volatile substances from the material of the furniture product into the air of living quarters ;

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

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

furniture products (furniture) - a set of stationary or movable products for the furnishings of residential and public premises, as well as other areas of human occupation;

furniture - furniture arrangement (environment) of various facilities in urban, suburban, or rural dwelling, including in the open air;

children's furniture - furniture designed for children, the size, shape and design of which corresponds to the age characteristics and growth characteristics of the developing human body;

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

furniture for educational institutions - furniture for the arrangement (furnishings) of secondary schools, schools, secondary specialized and higher educational institutions;

mechanical safety - a set of quantitative indicators of mechanical, geometric properties and characteristics of a furniture product, which reduces the risk of harm to health or a threat to the life of the user;

a set of furniture is a group of furniture products for various functional purposes, made using a single architectural and artistic (style) solution and coordinated with each other in size, design, facing and decoration.

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

coating - all layers of materials deposited on the surface of structural materials, including primers, paints, dyes, enamels, resins, wood veneer, paper, laminate, film, fabric, metals, materials for mineral-based and other similar substances, regardless of the method of application;

strength - the property of materials, structures to resist external loads without collapsing and not receiving irreversible deformations;

functional dimensions - the dimensions of furniture products and their elements, due to the purpose and conditions of their operation. Functional dimensions are based on anthropometric data, ergonomics, dimensions of storage facilities and ensure the convenience and safety of using the furniture product;

term service - defined by the manufacturer calendar duration of operation items of furniture from its beginning to a limiting condition in which its parts, components, compounds and the like may begin to pose a danger to life and health, to harm their property or the surrounding environment;

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

transformable furniture - furniture, the design of which allows you to change its functional purpose and (or) dimensions;

standard product samples - product samples of the same design

performances containing the same parts, assemblies and materials that are essential for the fulfillment of essential requirements and meet the same established requirements;

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

universal-prefabricated furniture - furniture built on the basis of unified elements that ensure its multivariate assembly of products;

stability - the ability of a piece of furniture to resist efforts trying to bring it out of its original position, overturn;

chemical safety - the state of the furniture product, in which there is no unacceptable risk associated with harm to the life and health of the consumer due to the excess of the concentration level of harmful chemicals in the indoor air;

electrical safety - compliance of a piece of furniture, the design of which provides for the presence of devices that use electricity, all norms and rules for the installation and use of household electrical installations.

#### **Article 4. Rules of circulation on the market**

1. Furniture products are manufactured in an appeal to the single customs territory of the Customs Union under the condition that it has passed the necessary procedure of evaluation (confirmation) of its compliance with the requirements of the technical regulations, as well as other technical regulations of the Customs Union, the effect of which on it is distributed.

2. The manufacturer, seller, importer, or a person authorized by the manufacturer who places furniture on the market, must:

ensure that furniture products comply with the requirements of this technical regulation;

ensure the safety of products of furniture in the over all installed by the manufacturer term of service;

indicate in the accompanying documentation and with the labeling of the product information on the certificate of conformity or a declaration of conformity. Supporting documentation includes waybill, the operating instructions and assembly instructions in case if the furniture is delivered in a disassembled state;

to bring interested parties (for their needs), including the placing of products under the customs regime, the documents testifying about the confirmation matching furniture products requirements of the technical regulations (declaration of conformity or the certificate of conformity or their copies);

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

suspend or terminate the sale of products if the validity period of the certificate of conformity or declaration of conformity has expired, with the exception of products released into circulation in the common territory of the Customs Union during the validity of the declaration of conformity or certificate of conformity, during the service life of the product established by the manufacturer;

suspend or terminate the sale of furniture products if the validity of the certificate of conformity or declaration of conformity is suspended or terminated;

suspend production and realization of furniture products, which passed assessment procedure (confirmation) of compliance, but does not meet the requirements of these technical regulations, - on the basis of decisions of bodies of state control (supervision) of the

compliance with the requirements of this technical regulation.

3. single sign of products on the market of the Customs Union member states is marked in the case of furniture products to match the requirements of the technical regulations, as well as other technical regulations of the Customs Union, the effect of which on it is distributed.

#### **Article 5. Safety requirements**

1. Furniture products must be manufactured in such a way that when it is used on purpose, and if the condition of compliance rules, provided operational documents, it provides:

mechanical safety;

chemical and sanitary and hygienic safety; fire safety;

electrical safety.

2. Mechanical safety of furniture products must be ensured:

required level of resilience, static and impact strength, hardness, deformability, the magnitude of deflections, durability design articles of furniture; efforts of pushing (pushing, transforming) functional elements of furniture products; softness and permanent deformation of soft elements; execution of bunk beds. Stability ship furniture must be provided by the presence of devices for its fixation. Requirements for mechanical safety of the furniture products are listed in Appendix 2 of the Technical Regulations;

the necessary level of protection against injury during the operation of furniture products, including transformable, individual parts, front and fastening accessories, mechanisms for transforming furniture products, retractable and sliding elements (reliable fixation and fastening of elements, protection against spontaneous opening, no sharp protruding parts and burrs; blunting or rounding of accessible corners and edges of table covers, seats and backs of chairs, backs of beds);

the necessary level of protection from injury when operating the furniture of glass or with a combination of glass with metal, wood and polymer materials (lack of ability to form large pieces of glass at its destruction, the use of special types of glass - tempered, annealed, reinforced and laminated, the processing of edges of products from glass grinding, polishing with the removal of the chamfer or bevel). It is allowed to manufacture sheet glass shelves and door panels;

the absence of an unacceptable risk of the danger of children falling from children's and multi-tiered beds and high chairs for children, infringement of body parts during their operation;

the necessary level of protection of the health of children and adolescents from non-compliance with the requirements for the functional dimensions of furniture products and the requirements of ergonomics and anthropometry.

3. Chemical and sanitary and hygienic safety of the furniture production must be ensured the absence of selection in the surrounding environment of volatile chemical substances from articles in quantities of furniture that may have a direct or indirect adverse effects on the body person with view of the joint action of all the released substances. During the operation of furniture, chemical substances belonging to the first class of hazard should not be released, and the content of other substances should not exceed the permissible levels of migration into the air, given in Appendix 3 of these Technical Regulations. When separating several harmful chemicals from furniture that have a summation of action, the sum of the ratios of concentration to their maximum permissible concentration should not exceed one.

Furniture used in nurseries, pre-school, school, in the therapeutic and prophylactic, sanatorium institutions, should provide the possibility of wet disinfection workers and façade surfaces in order to prevent the growth and development of the microflora (especially pathogenic). After disinfection with chemical reagents, there should be no visible surface changes (highly resistant surfaces) or subtle changes in the gloss or color of the surface (resistant surfaces) may occur.

Furniture products should not create a specific smell in the room - no more than 2 points.

The level of electrostatic field intensity on the surface of the furniture for sitting and lying down in the conditions of operation (when the humidity of air spaces (30-60) %) does not have to exceed 15.0 kW / m.

Permissible specific activity of Cs - 137 in the wood and wood-containing materials used for the manufacture of furniture, not should exceed 300 Bq / kg.

The specific effective activity of natural radionuclides in the material on mineral basis for the manufacture of furniture not should exceed 370 Bq / kg.

In the production of furniture products, materials and components intended for its manufacture must be used.

The surfaces of furniture parts made of wood-based panel materials (layers and edges) must have protective or protective-decorative coatings, with the exception of:

invisible surfaces in mating joints; holes in the places where the fittings are installed;

the edges of the boards that remain open when the rear wall is installed "overhead" or "in a quarter".

4. The required level of electrical safety and insulation protection when completing furniture items with built-in electric lighting devices, household appliances, electrical equipment and electric drives must comply with the requirements of the Technical Regulations of the Customs Union "On the safety of low - voltage equipment.

5. The required level of fire safety textile and leather materials used in an upholstery with manufacture of soft elements of articles of furniture for sitting and lying:

5.1. For the manufacture of soft elements of furniture for sitting and lying, upholstery textile and leather materials that are flammable and related to the T4 group in terms of toxicity of combustion products should not be used ;

5.2. In the accompanying documents for textile and leather materials intended for the manufacture of furniture, information on their fire hazard must be indicated .

6. Safety requirements for furniture products during operation:

6.1. The use of furniture products released into circulation must be carried out according to the purpose of the furniture product specified in the labeling, instructions for assembly, operation and maintenance, and also (if necessary) taking into account the permissible maximum loads specified by the manufacturer;

6.2. Furniture products shipped in disassembled form, should be collected in accordance with the attached manufacturer 's instructions for the assembly, consisting of the picking roll and a circuit assembly;

6.3. When operating furniture products, it is necessary to exclude the ingress of water and other liquids on the elements of furniture products in contact with the floor. When installing sinks, sinks in furniture products for kitchens, bathrooms , laboratory furniture , their waterproofing should be provided in places of contact with the surface of the furniture product body ;

6.4. When installing furniture items in the immediate vicinity of heating and

heating devices of their surface during the time of operation must be protected from the heat. The heating temperature of furniture elements should not exceed + 40 ° C.

7. Information for consumers is provided in the form of labeling, instructions for operation and instructions for assembly in the case, if the furniture is delivered in disassembled form:

7.1. Each piece of furniture sold in the territory of a Member State of the Customs Union, shall be marked in Russian and in the presence of the relevant requirements in its legislation - on its national language. The trade name of products supplied from countries located not on the common territory of the Customs Union, as well as the name of the manufacturer's company , can be executed in letters of the Latin alphabet.

The marking shall be printed on a paper tag (label) or on a fabric tag firmly attached to the furniture item supplied assembled .

Articles of furniture, supplied in disassembled form, can not have a marking with product designation and date of manufacture. In this case the product designation is affixed by the manufacturer or the seller during the time of sale items of furniture , or at the time of its assembly at the user. The date of issue must be indicated on the packaging (s). The marking on the furniture in disassembled form is applied on the packaging.

It is allowed to apply marking with indelible paint, stamping, burning out, punching, as well as affixing certain details of the label with a special stamp;

7.2. The marking must be clear and contain:

the name of the furniture product by operational and functional purpose, product designation (digital, own, model, etc.);

manufacturer's trademark (logo) (if any); manufacturer's

country name ;

manufacturer's name and location ;

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

date of

manufacture; warra

nty period;

the period of service, set by the manufacturer;



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

For furniture supplied unassembled, the identification label must be included in the packaging together with the assembly instructions;

7.3. In the marking of children's and school chairs, tables, desks for public premises, the following should be additionally indicated: in the numerator - their height number, in the denominator - the average height of the children.

On the visible outer surfaces of tables, desks and chairs for preschool institutions and educational institutions (except for secondary specialized and higher educational institutions), color marking should be applied in the form of a circle with a diameter of at least 10 mm or a horizontal strip of at least 10x15 mm in the following colors, depending on growth numbers of the furniture item:

00 - black

0 - white

1 - orange

2 - purple

3 - yellow

4 - red

5 - green

6 - blue.

The method of applying color marking must ensure its long-term preservation.

It is allowed to apply color marking, made by printing with a self-adhesive base.

7.4. Furniture products are accompanied by instructions establishing the rules and conditions for safe operation, including the information contained in paragraph 6, 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 is ensured by the fulfillment of its safety requirements directly, or by the fulfillment of the requirements of the documents included in the List of documents in the field of standardization, as a result 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. Methods

for testing (Research) measurements furniture products, in fact including rule selection of samples required for the application and performance requirements of the technical regulations and of evaluation (confirmation) matching products are set in the standards included in the list of standards containing rules and methods (tests) and measurements, including the sampling rules necessary for the application and fulfillment of the requirements of the technical regulations of the Customs Union "On the safety of furniture products" and the assessment (confirmation) of the conformity of furniture products.

## **Article 6. Assessment (confirmation) of conformity**

1. Assessment (confirmation) of conformity furniture product requirements of the technical regulations and other technical regulations of the Customs Union, the action of which it is subject, held in the form of conformity assessment (certification or declaration of conformity) in the form of state control (supervision).

2. Household furniture and furniture for public premises, the list of which is contained in Appendix 1 of this Technical Regulation, is subject to declaration of conformity according to the schemes provided for in Appendix 5 of this Technical Regulation, with the exception of children's furniture, furniture for educational institutions, furniture for preschool institutions, which subject to mandatory certification of compliance under the schemes provided for in Annex 4 of the Technical regulations.

3. Confirmation of conformity of furniture products is carried out in accordance with unified procedures and standard schemes for assessment (confirmation) of conformity, approved by the Decision of the Customs Union Commission of April 7, 2011 N 621.

4. The declaration of conformity and the certificate of conformity are valid in the unified customs territory of the Customs Union in relation to furniture products released into circulation in the unified customs territory of the Customs Union during the validity of the declaration of conformity or the certificate of conformity, and in relation to each product unit, during its term service.

5. Information on the declaration of conformity or on the certificate of conformity must be indicated in the accompanying documentation for the product.

6. When carrying out confirmation of conformity of furniture products, the applicant forms a set of evidentiary documents confirming compliance with the safety requirements of this technical regulation, which includes:

a) a technical description for a piece of furniture or a group of similar furniture products containing:

name of products (product groups) of furniture; designation and functional purpose of furniture products ;

Drawings general form with indication dimensional and functional size;

a brief description of the product design; operating features , ultimate loads;

b) conformity certificates or test reports on materials and component products (if any);

c) a list of partially or fully used interstate or national standards and documents referred to in paragraph 8.1 of Article 5 of this technical regulation, to provide confirmation of conformity of production requirements of the technical regulations, and in case if these standards and documents are not used, a description of solutions, selected for implementation of the requirements of this technical regulation;

g) records of tests typical sample of furniture products, carried out by the manufacturer, seller, person performing the functions of a foreign manufacturer and (or) accredited testing laboratories (centers) included in the Unified Register of bodies on certification and test laboratories (centers) of the Customs Union;

d) a contract (agreement on delivery) - for the party, a single product or shipping documentation - for the party, a single product;

e) compliance certificates for furniture production, from foreign bodies of certification (if any);

g) a certificate for the manufacturer's quality management system, which applies to the production or design and manufacture of furniture products declared for conformity confirmation , if this is provided for by the conformity confirmation scheme ;

h) other documents directly or indirectly confirming the compliance of furniture products with the safety requirements of this technical regulation (if any).

7. Certification of furniture products:

7.1. Certified furniture production holds an accredited body for certification (assessment (confirmation), included in the Unified Register of bodies of certification and test laboratories (centers) of the Customs Union, which has in the field of accreditation of furniture production.

The applicant can apply for certification of products of his choice to any of the accredited certification bodies that have these products in the field of their accreditation and are included in the Unified Register of Certification Bodies and Test Laboratories (Centers) of the Customs Union;

7.2. For certification of furniture products, schemes 1c, 2c, 3c are used, the composition of which is given in Appendix 4 of this technical regulation.

Schemes 1c and 2c are used for certification of serial products. Scheme 3c is used to certify a batch of furniture products.

Applicant with certification of schemes 1c and 2c may be registered in accordance with the legislation of the states - members of the Customs Union on its territory a legal entity or natural person to an individual entrepreneur, or the manufacturer, or to perform the functions of the foreign manufacturer on the basis of a contract with them, in part of ensuring the compliance of the supplied products with the requirements of this technical regulation and in terms of liability for non-compliance of the supplied products.



The applicant for certification under the scheme 3c may be registered in accordance with the legislation - on its territory of the Customs Union member legal entity or natural person to an individual entrepreneur, or being the manufacturer or vendor, or performs the functions of a foreign manufacturer on the basis of a contract with them, in part ensuring the compliance of the supplied products with the requirements of this technical regulation and in terms of liability for non-compliance of the supplied products with the requirements of this technical regulation of the Customs Union (a person performing the functions of a foreign manufacturer);

7.3. When carrying out the certification of furniture products the applicant submits to the authority of certification (evaluation, confirmation):

application to conduct certification;

a set of documents provided for in paragraph 6 of this article. The

application must contain:

name and location of the

applicant; manufacturer's name and location ;

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

information about furniture products and their identifying features (name, code according to the foreign economic activity classifier of the Customs Union, the document according to which the products are manufactured (interstate or national standard, technical specifications and other documents), release form - batch production or batch;

certification scheme ;

7.4. The certification body considers the application, identifies products according to paragraph 4 of Article 2 of the technical regulations and adopts a decision on the possibility of certification.

If a positive decision on the certification authority enters into a contract with the applicant for carrying out the works on certification.

The certification body carries out work in accordance with the selected certification scheme, prepares a decision and, if the result is positive, issues a certificate of conformity to the applicant ;

7.5. In case of a negative result of certification, the certification body sends the applicant a reasoned decision to refuse to issue a certificate of conformity;

7.6. Tests of a standard sample (standard samples) or a single piece of furniture products are carried out by an accredited testing laboratory (center) included in the Unified Register of certification bodies and testing laboratories (centers) of the Customs Union on behalf of the certification body . The test report is submitted to the product certification body and the applicant.

The selection of samples to test at the manufacturer (in fact including foreign), the seller, the importer, the person authorized by the foreign manufacturer, made body for certification or for his commissioned an accredited testing laboratory (center).

The scope of testing of certified furniture products, including during inspection control, is determined by the product certification body ;

7.7. The analysis of the state of production is carried out by the manufacturer's certification body. The results of the analysis are documented in an act.

If the manufacturer certified quality management system according to the body of certification evaluates the possibility of the system to ensure a steady release of certified furniture products meeting the requirements of this technical regulation;

7.8. With positive results of the checks provided for by the scheme certification body Certification draws up a certificate of conformity and gives it to the applicant.

The certificate of conformity is drawn up in a unified form approved by the Decision of the Customs Union Commission dated December 9, 2011 N 896.

The certification body transfers information about the issued certificate of conformity to the Unified Register of issued certificates of conformity and registered declarations of conformity drawn up in a unified form;

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

An application is issued if:

is required to detail the composition of the group of homogeneous products manufactured by the applicant and certified by one and the same requirements;

it is required to indicate the manufacturing plants that are part of larger associations that have uniform conditions for the production of products;

7.10. The certificate of conformity is set according to the status of the applicant, type and destination of products, the selected certification scheme, the planned date of manufacture of the furniture production or supply in the country of import, but not more than to five years;

7.11. Inspection control of certified by schemes 1c and 2c of furniture products, held authority for certification by testing samples selected from the applicant, and (or) analysis of the state of production of the body for certification of products (at the 1C scheme of certification), and control of the quality management system certification body quality management systems (with certification according to scheme 2c);

7.12. The applicant in the process of production of certified products shall inform the authority of the certification of the insertion in the production changes.

The certification body analyzes these changes and decides to preserve the validity of the issued certificate or to conduct an extraordinary inspection control to confirm the conformity of the products with the changes introduced to the safety requirements previously confirmed during certification;

7.13. Based on the results of the inspection control, the certification body makes one of the following decisions:

consider the validity of the certificate as confirmed; suspend the validity of the certificate of conformity; cancel the validity of the certificate of conformity;

extend the validity of the certificate of conformity or issue a certificate of conformity for a new period;

7.14. The certificate of conformity is kept from the applicant in for 10 years from the date of withdrawal (termination) from the production of this product. A copy of the certificate of conformity, documents and materials, confirming the results of the certification is stored in issuing his body on certification is not less than 5 years after the end of the term of action of the certificate of conformity;

7.15. In the event of liquidation, reorganization of the legal entity or loss of strength registration of individual entrepreneur certificate of conformity is valid for previously issued in the circulation of products at its sales in during the term of service, specified by the manufacturer.

8. The procedure for declaring the conformity of furniture products:

8.1. Declaration of conformity of the furniture production is carried out by the applicant in accordance with the procedures provided for schemes 1d, 2d, 3d, 4d, 6d, listed in Appendix 5 of the Technical Regulations.

Schemes 1e and 2e are based on the applicant's own evidence. Declaration of conformity according to schemes 1d and 2d can be carried out for furniture for bookstores and trade enterprises, armchairs for auditoriums.

Schemes 3d and 6d used during the declaration of conformity with the use of: their own evidence of the manufacturer, the authorized manufacturer of the person; tests of product samples carried out 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 the certification of the quality management system for the design and (or) production of furniture products by an accredited certification body for management systems included in the Unified Register of Certification Bodies and Test Laboratories (Centers) of the Customs Union.

4d scheme used during the declaration of conformity with the use of: their own evidence of the manufacturer, the authorized manufacturer of the person of the seller, of the importer; sample tests

conducted by accredited testing laboratories (centers), included in the Unified Register of bodies on certification and test laboratories

(centers) of the Customs Union.

Security furniture production unit of production, made on individual orders (taking into account the sketches and dimensions), confirmed by the declaration of conformity adopted by the manufacturer for the same on the design and used materials of furniture production (sets series, collections, programs and the like) on the schemes 3d , 4d, 6d;

8.2. In accordance with the composition of the declaration schemes given in Appendix 5 of this technical regulation, the applicant forms a set of evidentiary documents listed in paragraph 7 of this article, conducts tests of type samples of products in an accredited testing laboratory (center) or in its own testing laboratory, accepts and registers the declaration about compliance;

8.3. When declaring according to schemes 1d and 2d, product tests can be carried out in our own testing laboratory. When declaring conformity according to schemes 3d, 4d, 6d, tests are carried out 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 according to schemes 1d, 3d and 6d is carried out by the manufacturer;

8.4. When the declaration of conformity of furniture products of the schemes 1d, 3d, 6d applicant can be registered in accordance with the legislation of the states - members of the Customs Union on its territory a legal entity or natural person as an individual entrepreneur or the manufacturer, or performing the functions of a foreign manufacturer on the basis of contract with him in terms of ensuring the compliance of the supplied products with the requirements of the technical regulations of the Customs Union and in terms of liability for non-compliance of the supplied products with the requirements of the technical regulations of the Customs Union (a person performing the functions of a foreign manufacturer).

When the declaration of conformity of schemes 2d, 4d by the applicant can be registered in accordance with the legislation of the state - a member of the Customs Union on its territory a legal entity or natural person in an individual entrepreneur is either the manufacturer or the seller or performing the functions of a foreign manufacturer on the basis of a contract with him in terms of ensuring the conformity of the supplied products;

8.5. The composition of the evidentiary materials that are the basis for the adoption of the declaration of conformity:

8.5.1. as evidence, which are the basis for the adoption of a declaration of conformity on the basis of their own evidence, the documents specified in paragraph 6 of Article 6 of this technical regulation are used;

8.5.2. in an environment of application of these documents may be considered: a) the test protocol:

the presence in the test reports of values of indicators confirming compliance with all the requirements established in this technical regulation, which apply to a specific declared product;

distribution of test reports for the declared furniture products;

b) the certificates of conformity or the records of tests on materials, components products (if any);

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

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

certification , all necessary requirements have been confirmed );

8.6. The declaration of conformity is drawn up in a unified form approved by the Decision of the Customs Union Commission of December 9, 2011 N 896;

8.7. The declaration of conformity may be accepted in respect of certain types of furniture products, or group of homogeneous products, on which established uniform requirements of security to be conformity assessment;

8.8. The declaration of conformity is accepted for the period established by the applicant (manufacturer, seller, person authorized by the manufacturer, importer), based on the planned production time for serial products, the volume of the batch of products, the validity period of the evidentiary documents on the basis of which the declaration was adopted, the selected declaration scheme, but not more than in the five years;

8.9. The applicant is obliged to keep the declaration of conformity and the evidential materials in over ten years since the end of the term of action of declaration of conformity.

A set of documents confirming compliance must be provided to the state control (supervision) bodies upon their request.

9. The applicant takes all necessary measures to ensure that the production process of serially produced furniture products is stable and ensures its compliance 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 a single mark of product circulation on the market of the Member States of the Customs Union**

1. Furniture products that meet safety requirements and have passed the conformity confirmation procedure in accordance with Article 6 of this technical regulation must be marked with a single mark of product circulation on the market of the Member States of the Customs Union.

2. Marking with a single mark of product circulation on the market of the Customs Union member states is carried out before the release of furniture products into circulation on the market.

3. A single sign of product circulation on the market of the Member States of the Customs Union is applied to the marking label (label) placed on the non-removable part of each piece of furniture. Not allowed the application of a single sign -treatment products on the market of the Member States of the Customs Union to the surface Drawer Adjustable shelves and other parts, in fact including, components of products, which can be replaced.

Single sign -treatment products on the market of the Member States of the Customs Union is applied also to the attached to the furniture production of accompanying documents, commodity-transport waybills.

A single sign of product circulation on the market of the Customs Union member states is applied in any way that provides a clear image throughout the entire service life of the furniture.

4. For furniture products of collapsible or universal- prefabricated construction, supplied disassembled, it is allowed to apply a single mark of product circulation on the market of the Customs Union member states only on their packaging and on the accompanying documents attached to them.

## **Article 8. Safeguard clause**

1. The Member States of the Customs Union are obliged to take all measures to restrict and prohibit the release of furniture products into circulation in the common customs territory of the Customs Union, as well as the withdrawal from the market of furniture products that do not meet the safety requirements of this technical regulation or that are supplied or in circulation without a document on the assessment (confirmation) of conformity and (or) without marking with a single mark of circulation on the market of the Member States of the Customs Union.

The authorized body of the state - a member of the Customs Union shall be obliged to notify the competent authorities of other states - members of the Customs Union of the adopted decision to the reasons for this decision and the provision of evidence explaining the need for this measure.

2. Failure to comply with the requirements of this technical regulation may serve as grounds for applying the article of protection .

**Appendix 1 to  
the technical regulations of the Customs  
Union "On the safety of furniture products"**

**The list of furniture products in relation to which the requirements of the technical regulations of the Customs Union "On the safety of furniture products" are established**

N p / p	name of product	
one	2	
one.	HOUSEHOLD FURNITURE AND FOR PUBLIC AREAS FOR OPERATIONAL PURPOSE	
1.1.	Laboratory furniture, excluding medical laboratory furniture	
1.2.	Furniture for educational institutions	
1.3.	Furniture for preschools	
1.4.	Furniture for trade, catering and consumer services	
1.5.	Furniture for hotels, health resorts and hostels	
1.6.	Furniture for theaters enterprises and institutions of culture	
1.7.	Furniture for administrative premises	
1.8.	Furniture for train stations, financial institutions and communications enterprises	
1.9.	Furniture for bookstores (racks, shelves, cabinets, tables)	
1.10.	Furniture for ship premises (cabins, mess-room, the navigation bridge, the main post management, facilities	

	for recreation, dining room, outpatient clinic)	
2.	HOUSEHOLD FURNITURE AND FOR PUBLIC PREMISES FOR FUNCTIONAL PURPOSE	
2.1.	Tables (dining, desk, toiletries, coffee, computer, tables for TV, radio, video equipment, for phones, for terraces and hallways , and other products)	



2.2.	Chairs, armchairs, banquetts, stools, benches, poufs, sofas, couches, ottomans, chair beds, sofa beds	
2.3.	Beds	
2.4.	Mattresses	
2.5.	Cupboards, cabinets, shelves, desks, chests of drawers, dressing table, trellises and other items (chests, bookcases, screens, stands, hangers, boxes, shelves and other products)	
2.6.	Children's furniture (tables, chairs, beds, cots, boxes for toys, chairs, sofas, cupboards, tables, stools, benches, mattresses, sofa beds and other products)	

**Appendix 2 to  
the technical regulations of the Customs  
Union "On the safety of furniture products"**

**Mechanical safety requirements for furniture products**

**1. Safety requirements for cabinet furniture and tables**

**Table 1**

Indicator name	Indicator value depending on the operational purpose of furniture		
	domestic	for public premises for administrative GOVERNMENTAL premises educational establishments	for classes, laboratories and audiences educational institutions, theatrical view linch enterprises, sports structures, halls expectations transport funds
one	2	3	four
CABINET FURNITURE			



- with stroke length ( 500 ±50 ) mm	2500	5000	10000
- with stroke length ( 250 ±25 ) mm	5000	10000	20,000
Strength of the body and fastening of hangers of wall - mounted cabinet furniture, daN, without destruction	Calculation function	th load dependent	yaschaya from products
<b>DOORS WITH VERTICAL AXIS OF ROTATION</b>			
Stiffness of door fastening, characterized by permanent deformation, mm, no more:	1.0	1.0	1.0
- deposit			
- waybills	2.0	2.0	2.0
Door fastening strength , loading cycles	10	10	10
Durability of door fastening :			
- loading cycles	20,000	40,000	80,000
- residual deformation, mm, no more:			
- deposit	1.5	1.5	1.5
- waybills	2.5	2.5	2.5
<b>DOORS WITH HORIZONTAL AXIS OF ROTATION</b>			
Fastening strength , loading cycles :	10	10	10
- deformation under load, mm, no more	50.0	50.0	50.0
- residual deformation, mm, no more	20.0	20.0	20.0
Fastening durability, loading cycles	5000	10000	20,000
<b>SLIDING DOORS AND HORIZONTAL BLIND DOORS</b>			
Pushing force , yesN, no more	3.0	3.0	3.0
Fastening strength , daN	3.0	4.0	4.0
Fastening durability, loading cycles	10000	20,000	40,000
<b>VERTICAL DOORS</b>			
Pushing force , yesN, no more	3.0	3.0	3.0
Strength, loading cycles	twenty	thirty	40
<b>BOXES (RECEIVERS)</b>			
Effort of pulling out drawers, daN, no more	5.0	5.0	5.0

Durability of boxes:			
- when loading the bottom of the box, daN	$Q_{exp.} + 4.0$	$Q_{exp.} + 6.0$	$Q_{exp.} + 7.0$
	Q - calculated operational load		

- with vertical loading of the front wall of the box, cycles	10	10	10
- with horizontal dynamic box loading , cycles	fifty	fifty	fifty
Durability of boxes:			
- loading cycles	20,000	40,000	80,000
- deformation, mm, no more	2.0	2.0	2.0
BARS			
Deflection of the reference stationary bar length 1 meter, mm, not more than	8.0	8.0	8.0
Effort of extension of rods, daN, no more	5.0	5.0	5.0
The durability of the retractable rods, loading cycles ,	20,000	20,000	30,000
at the same time deflection, mm, not more	5.0	5.0	5.0
Strength of sliding rods, daN	Q + 5.0	Q + 5.0	Q + 5.0
Strength of rod holders, daN	- the estimated operating load in dependence on the length of rod		
DINING TABLES, B VOLUME NUMBER SCHOOL (EXCEPT FOR FOLDING TABLE)			
Stability, yesN, not less			
vertical load for tables with weight:			
up to 15 kg incl.	10.0	10.0	10.0
St. 15 Kg	15.0	15.0	15.0
horizontal load for tables with weight:			
up to 15 kg incl.	3.0	3.0	3.0
St. 15 Kg	5.0	5.0	5.0
Strength under the action of vertical static load:			
loading cycles ,	10	10	10
deflection, mm, no more	10.0	10.0	10.0
Durability under the action of long - term vertical load:			
deformation under load (deflection), %, not more	1.0	1.0	1.0
residual deformation, mm, no more	2.0	2.0	2.0
Durability under the action of the shock load:			
drop height , mm	80.0	140.0	180.0
Rigidity:			
loading cycles	10	10	10
deformation, mm, no more *	15.0	15.0	15.0
Durability under action horizontal load:			
loading cycles	10000	15000	30,000
deformation, mm, no more *	20.0	20.0	20.0
Durability under the action of vertical			

load:			
loading cycles	7500	10000	30,000
deformation, mm, not more Durability	10.0	10.0	10.0
when falling to the floor: number of falls			
drop height , mm	10	10	10

WRITING TABLES (WORKERS)	150.0	200.0	300.0
Stability, daN, not less: vertical load (on the cover) horizontal load (on the cover)			
vertical load of products with drawers and doors:	15.0	15.0	15.0
on the door on	5.0	5.0	5.0
the drawer			
Strength under vertical static load:			
loading	2.0	2.0	2.0
cycles, deflection, mm, no more	4.0	4.0	4.0
Strength under long - term vertical load:			
deformation under load (deflection),%, not more			
permanent deformation, mm, not more	10	10	10
Strength under impact load:	10.0	10.0	10.0
drop height, mm Ridity:			
loading cycles			
strain mm, not more	1.0	1.0	1.0
* Durability under the influence of the			
horizontal load:	2.0	2.0	2.0
loading cycles			
deformation, mm, no more *			
Durability under the action of a vertical load:	80.0	140.0	180.0
loading cycles			
deformation, mm, not more Durability	10	10	10
when falling to the floor: number of falls	20.0	20.0	20.0
drop height , mm			
Durability of rolling bearings, rolling cycles :			
when	10000	15000	30,000
d l i n e x o d e ( 500 ± 50 ) mm when the	25.0	25.0	25.0
length of the stroke ( 250 ± 25 ) mm	7500	10000	30,000
TABLES CONFERENCE	5.0	5.0	5.0
Stability, daN, not less: vertical load for tables			
with mass:	10	10	10
up to 15 kg incl. St. 15 Kg	150.0	200.0	300.0
	2500	5000	10000
	5000	10000	20,000
	10.0	10.0	10.0
	15.0	15.0	15.0
horizontal load for tables with weight:			
up to 15 kg incl.	1.0	1.0	1.0
St. 15 Kg	3.0	3.0	3.0
Strength under the action of vertical			
static load:			
loading cycles ,	10	10	10
deflection, mm, no more	10.0	10.0	10.0



Durability under the action of long - term vertical load:			
deformation under load (deflection), %, not more	1.0	1.0	1.0
residual deformation, mm, no more	2.0	2.0	2.0
Durability under the action of the shock load:	80.0	140.0	180.0
drop height , mm			
Rigidity:			
loading cycles	10	10	10
deformation, mm, no more *	15.0	15.0	15.0
Durability under action horizontal load:			
loading cycles	10000	15000	30,000
deformation, mm, no more *	20.0	20.0	20.0
Durability under the action of vertical load:			
loading cycles	7500	10000	30,000
deformation, mm, no more	5.0	5.0	5.0
Resistance when dropped to the floor:			
number of falls	10	10	10
drop height , mm	150.0	200.0	300.0
Roller bearing durability , cycles rolling:			
when d l i n e x o d e ( 500 ± 50 ) mm	2500	5000	10000
with stroke length ( 250 ± 25 ) mm	5000	10000	20,000
TOILET TABLES			
Stability, daN, not less:			
- vertical load	10.0	10.0	-
- horizontal load for tables			
mass:			
up to 10 kg inclusive	1.0	1.0	-
St. 10 Kg	3.0	3.0	-
Strength under the action of vertical static load:			
loading cycles ,	10	10	-
deflection, mm, no more	10.0	10.0	-
Durability under the action of long - term vertical load:			
deformation under load (deflection), %, not more	1.0	1.0	-
residual deformation, mm, no more	2.0	2.0	
Durability under the action of shock loads:	80.0	140.0	-
drop height , mm			
Rigidity:			
cycles	10	10	-
deformation, mm, no more *	15.0	15.0	-
Durability under action horizontal load:			
loading cycles	5000	10000	-

deformation, mm, no more *	20.0	20.0	-
Resistance when dropped to the floor:			
number of falls	10	10	-
drop height , mm	150.0	200.0	-
<b>CHILDREN'S TABLES</b>			
Stability, daN, not less:			
vertical load	10.0	10.0	-
horizontal load for tables with weight:			
up to 10 kg incl.	1.0	1.0	-
St. 10 Kg	3.0	3.0	-
Durability under the action of the static load:			
deflection, mm, no more	10.0	10.0	-
Durability under the action of the shock load:			
drop height , mm	80.0	80.0	-
Rigidity:			
deformation, mm, no more: *			
for growth numbers 0, 00, 1	5.0	5.0	-
for growth numbers 2, 3	7.5	7.5	-
Durability under action			
horizontal load:			
loading cycles	3000	5000	-
deformation, mm, no more: *			
for growth numbers 0, 00, 1	7.5	7.5	-
for growth numbers 2, 3	10.0	10.0	-
Resistance when dropped to the floor:			
number of falls	10	10	-
drop height , mm	150.0	200.0	-
<b>STUDENT TABLES AND TABLES FOR TEACHERS</b>			
Stability of tables, daN, not less:			
single	-	-	40
double	-	-	60
Rigidity, daN / mm, not less	-	-	2.5
Strength of tables under the action of vertical static load, daN, not less:			
single	-	-	200
double	-	-	300
Durability under action			

horizontal load: loading cycles	-	-	600
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daN / mm, not less	-	-	2.0
Back wall fastening strength , cycles	-	-	600
Durability under the action of the shock load:			
- loading cycles	-	-	10
- drop height of the load, mm:			
for teacher desks	-	-	140
for student tables	-	-	180
Resistance when dropped to the floor:			
number of falls	-	-	10
drop height , mm	-	-	200

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

## 2. Stability of cabinet furniture products

**table 2**

Stability height, m	Stability without load	Stability under load, daN, not less		
		at the door	on the box	on an open shelf
Up to 1.0	Steadily	2.0	4.0	
St. 1.0 to 1.5	Also	3.0	6.0	1.
" 1.5 " 2.0	"	4.0	8.0	0
" 2.0	"	5.0	10.0	

## 3. Safety requirements for sitting and lying furniture

**Table 3**

Indicator name	Value indicator in dependence from the operational purpose of furniture		
	domestic	for public premises, for administrative of those premises educational establishments	for classes, laboratories and audiences educational institutions, theatrical view, lichny enterprises, sports structures, waiting rooms transport funds

one	2	3	four
S, OFFICE CHAIRS, POOF			
Stability:			
stools, poufs and chairs in directions forward and sideways, yeah	2	2	2
chairs with backs less than 50 mm in height direction back, yes	eight	eight	eight
chairs with backs 50 mm high and more in the direction of the back daN	fifteen	fifteen	fifteen
Seat static strength , daN	100	130	160
Backrest static strength , daN,	40	55	75
while the balancing load on seat, yeah	100	130	160
Static strength of armrests (sidewalls) in the lateral direction, daN	thirty	40	60
Static strength of the headrest in lateral direction, daN	twenty	thirty	40
The static strength of the armrests (sidewalls) under the action of the vertical load, daN	70	80	90
Static strength of legs, daN:			
under the action of the load forward:	35	fifty	60
- while the load on the seat	75	100	120
- under the action of the load sideways:	thirty	40	fifty
- while the load on the seat	75	100	120
The strength of box-shaped bases at loading on the diagonal, daN	25	35	fifty
Durability (fatigue) of the seat, cycles	25000	50,000	100,000
Backrest durability (fatigue) , cycles	25000	50,000	100,000
while the balancing load on seat, yeah	100	100	100
Impact strength of the seat:			
drop height , mm	140	140	140
Impact resistance of the back and armrest:			
drop height , mm	120	210	330
angle of fall of the load, deg.	28	38	48
Durability of the product when dropped to the floor:			
Chairs and stools, stackable or of special design, with legs or supports longer than 200 mm			
drop height of the product, mm	300	450	600
angle of incidence of the product, degrees	10	10	10
Chairs, stools, Puffs neshtabeliruemye, with or smoothly rotating			
roller supports, with legs or supports of length more than 200 mm:			
smoothly rotating legs, with legs			
or with supports longer than 200 mm:			
drop height of the product, mm	150	200	300



angle of incidence of the product, degrees	10	10	10
Chairs, stools, poufs with legs or supports a length less than 200 mm:			
drop height of the product, mm	75	100	150
angle of incidence of the product, degrees	10	10	10
Durability of wooden chairs, cycles rocking	12000	15000	20,000
Durability of slewing bearings and supports rolling, rolling cycles	5000	10000	20,000
<b>CHILDREN'S CHAIRS</b>			
Stability, degrees, not less:			
for growth numbers 00, 0	twenty	twenty	
for growth numbers 1, 2, 3	fourteen	fourteen	
for convertible chairs, yesN, not less:			
in the direction of "forward"	1.5	1.5	-
in the direction of "back", "left", "right"	3.0	3.0	-
The strength of the frame of the transformable chairs in each direction: "forward", "back", "left", "right"		2 falls	
Durability of the table and footrest convertible chair, loading cycles	thirty	thirty	-
Strength of attachment of the chair seat to metal frame, loading cycles	thirty	thirty	-
Fastening strength of the overhead chair back to the metal frame, daN, for growth numbers 1, 2, 3	60	60	-
The durability of chairs for joinery, bent-glued and mixed construction, swing cycles :			
for growth numbers 1, 2, 3	12000	20,000	-
Strength when falling to the floor of chairs of growth numbers 00, 0:			
drop height , mm			
- stackable chairs	300	450	-
- non - stacking chairs	150	200	-
Static strength of the seat, daN, for growth numbers: 1, 2, 3	80	80	-
<b>CHAIRS, CHAIRS, STOOLS FOLDING</b>			
Seat durability , cycles:			
hard	5000	5000	-
made of fabric	1500	1500	-
permanent deformation between supports (legs), mm, no more	twenty	twenty	-
Backrest durability , cycles:			
tough	5000	5000	-
made of fabric	1500	1500	-
Armrest durability , cycles:			

under the action of a vertical load	1500	1500	-
under the influence of the horizontal load	1500	1500	

STUDENT CHAIRS			
Stability, degrees, not less	-	-	fourteen
Static fastening strength overhead chair back to the frame, yesN, not less, for room chairs :			
1, 2, 3	-	-	60
4, 5, 6	-	-	80
Seat attachment strength to metal frame, loading cycles for room chairs :			
1, 2, 3	-	-	fifty
4, 5, 6	-	-	thirty
Durability of wooden chairs: swing cycles	-	-	12000
The static strength of the seat of the chair on metal frame, daN, not less, for room chairs :			
1, 2, 3	-	-	80
4, 5, 6	-	-	200
Resistance when dropped to the floor: number of falls per each (front and back) legs	-	-	10
drop height , mm:			
- stackable chairs	-	-	600
- non - stacking chairs		-	300
BEDS			
Durability of the structure: loading cycles	600	600	-
deformation, mm, no more:			
beds with hinged backs	thirty	thirty	-
beds with support backs	24	24	-
The strength of the fastening of the supporting elements to tsargam, loading cycles	5000	5000	-
Durability compound backrest support beds with tsargami (each compound) loading cycles	500	1,000	-
Durability of drawers, loading cycles	5000	5000	-
Impact strength of bases, cycles loading	10	10	-
Durability flexible and elastic grounds:			
loading cycles	5000	5000	-
residual deformation, mm, no more	five	five	-
Effort transformation built-in beds, yeah, no more	10	10	-
Strength built beds at fall, cycles	five	five	-

DOUBLE BEDS			
Stability, yesN, not less	12.0	12.0	-

Strength of the upper tier fence , loading cycles	10	10	-
Attachment strength of the upper tier, daN	fifty	fifty	-
Durability of the structure, cycles loading	10000	20,000	-
Base durability , cycles loading	10000	20,000	
Base strength , loading cycles	10	10	-
Static fastening strength stairs, daN:			
vertical load	100.0	100.0	-
horizontal load	50.0	50.0	-
The strength of each step of the ladder, loading cycles	3	3	-
Execution *			
<b>BEDS TYPE I</b>			
(for children under 3 years old)			
Stability, daN, not less:	3.0	3.0	-
Deformability of railing posts under load, mm, no more	10.0	10.0	-
Strength of struts when tested for bending, Dan	25	25	-
Base strength at every point loading, loading cycles	500	1000	
Durability:			
loading cycles	1500	1500	-
deformation, mm, no more	28	28	-
<b>BEDS TYPE II</b>			
(for children from 3 to 7 years old)			
Durability:	600	1000	-
loading cycles deformation, mm, not more:			
a supporting backs	fifteen	fifteen	-
with hinged backs	twenty	twenty	-
Base strength in each test point, loading cycles	500	500	-
<b>SOFT ELEMENTS</b>			
Durability soft spring elements used in an berth :			
loading cycles shrinkage, mm, not more:	29000	29000	-
- one - sided softness	22	22	-
- bilateral softness	thirty	thirty	-
uneven shrinkage of the soft element, one- sided and two-sided softness, mm, no more	fifteen	fifteen	-
Residual deformation of springless soft elements, %, no more	10	10	10



<b>SOFAS, SOFA BEDS, CHAIRS FOR REST, ARMCHAIR BEDS, COUCHES, CHAINS, BENCHES, BANQUETS</b>			
Stability:			
single products for sitting in directions:			
forward, yesN, not less	8.0	8.0	8.0
ago, daN, not less	15.0	15.0	15.0
sideways:			
for products without sidewalls (armrests), yesN, not less	8.0	8.0	8.0
for products with sidewalls (armrests) under the influence of a load weighing 35 kg		Steadily	
multi - seat products for seating in directions:			
back and forth, yesN, not less	15.0	15.0	15.0
transformable products for lying under the influence of two loads weighing 60 kg each		Steadily	
Static strength of hinged sidewalls:			
load, daN	80.0	80.0	80.0
loading cycles	10	10	10
The strength of the supports (legs) in the transverse and longitudinal directions:			
load, daN	40.0	40.0	40.0
loading cycles	10	10	10
Durability (except for seats, backrests and sleeper sofa beds and beds seats, manufactured on the basis of spring blocks participating in the formation berth ):			
seats, loading cycles	5000	10000	15000
backrests, loading cycles	5000	10000	15000
sidewalls, loading cycles	3000	6000	10000
berth , loading cycles	5000	10000	-
while the residual deformation of products with elastic or flexible bases,%, no more	10	10	10
Impact resistance of seat or sleeper places:			
drop height , mm	140	140	140
loading cycles	10	10	10
Strength of the base of the container for storing bedding , daN	pending on the volume of the vessel ( without destruction)		
Effort of transformation of sleeping places sofa-bed (or its sections), yesN, no more	10	10	-



The strength of the frame at the fall: drop height , mm number of falls	100 five	150 five	200 five
<b>ROCKER CHAIRS</b>			
Stability:	when exposed to hand		
Durability under horizontal sidewall loading , loading cycles	500	500	-
Durability under the action of the shock load:			
drop height , mm	fifty	fifty	-
loading cycles	10	10	-

#### Note \*

Requirements for the execution of bunk beds:

1. In multi-tiered beds, all beds used as overhead beds, located at a height of 800 mm or more from the floor, must be equipped with a guard on four sides. Guards must be secured so that they can only be removed with a tool. The absence of a fence in the leg of the bed is allowed if instead of it there is a stationary ladder, the steps of which are located along the entire width of the opening and can perform an additional function of storage tanks (boxes).

2. The distance between the top edge of the guardrail and the top surface of the bed base must be at least 260 mm, between the top edge of the guardrail and the top surface of the mattress — at least 160 mm.

3. The gap between the mattress and the bottom surface of the fence or between individual horizontal or vertical elements of the fence should be 60 to 100 mm.

4. On one or several elements of the railing of the upper tier of the bed, the maximum level of the upper surface of the mattress must be marked with an indelible marker. The instructions for assembly should be given to the recommendations of the dimensional size of the mattress, which is equipped with a bed.

5. Bunk beds should be equipped with a ladder. The ladder can be an integral part of the bed structure.

One of the largest sides of the fence can be completely separated by a ladder. The size of the split of the ladder guardrail should be from 300 to 400 mm. The distance between the upper surfaces of the two next to each of the other stages of the ladder should be  $(250 \pm 50)$  mm. The distance between the steps must be the same, with maximum deviation  $\pm 2$  mm.

The distance between two successively arranged stages should be not less than 200 mm; useful step length - not less than 300 mm.

6. The gaps between the base bed tsargami, backrests and elements fences do not have to exceed 25 mm.

7. The base of the bed must pass air.

**furniture for sitting and lying , depending on the functional purpose**

**Table 4**

Functional	Type of furniture	Softness category *
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purpose of products		Household furniture	Furniture for public spaces
For relaxing in a sitting position	Chair for relaxation, sofa	0-IV	0-IV
	Bench, pouf	I-IV	I-IV
	Bench	IV	IV
	Mattress: unilateral and bilateral softness	I	I
	bilateral softness, intended for use on a flexible or elastic base	I, II	I, I I
For a long rest in the position of lying	Bed: with flexible or resilient base and mattress	0, I	0, I
	with hard base and mattress	I	I
	Sofa bed in bed position :  a flexible base of gnutokleenyh plates arranged on the entire area of the sleeping space, with decking (mattress)	0-II	0-II
	with a hard base and soft elements made on based on spring blocks with different transformation schemes , different decks and types of bases	I, II  I-III	I, I I  I-III
For short-term rest when lying down	Couch, couch	0-III	I-IV
	Armchair-bed	I-III	I-III
For seated work and short-term rest	Chair, desk chair, stool	II-IV	II-IV

\* Softness is determined with taking into account the base seat, a back, a sleeping place.

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

#### Indicators softness in depending on the category

**Table 5**

Softness category of furniture elements	Deformation of a soft element under load 70	Compliance, mm / daN
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	yesN, mm	
0	Not less than 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 yielding values obtained during the test correspond to adjacent categories, as well as in cases where the indicators are between the categories, the softness of the elements should be classified in the category that corresponds to the lowest indicator. Indicator softness (deformation and ductility) sleeping places bed on a flexible or elastic basis should be within the same category.

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

### Requirements for safety seats for visual halls

**Table 6**

Indicator name	Indicator value
The strength of the frame chairs with reclining seats: loading cycles	600
deformation of the folding seat, mm, not more	twenty
Static strength of fastening elements of seats, daN, not less: folding seats	100
console armrests	60
retractable tables	fifteen
overhead backs	fifty
Stability of single and non-stationary sectional chairs, daN, not less: for one chair:	fifty
when leaning forward	25
when leaning back	
for two adjacent seats:	100
when leaning forward	fifty
when leaning back	

### Safety requirements for furniture for trade enterprises

**Table 7**

Indicator name	Indicator value
Shelf strength for cash register installation, daN, not less	40
The deflection of the bar hang for clothes on a 1 meter length of the rod, mm, not more	10

Strength of the bar hanged for clothes, daN	fifty
Strength of horizontal bearing elements of slides, counters, showcases, desks, catwalks, stands, racks, daN / m <sup>2</sup> of area:	
made of metal	150
made of wood and wood - based materials	100
of glass	thirty
Deflection horizontal bearing elements under the action of the load on 1 meter of length, mm, no more:	
from metal, wood and wood materials	6
of glass	four
Permissible deviation from the vertical of the racks in the slides, mm, no more, at height, mm:	
1200	fifteen
1400	twenty
1600, 1800	25
2000, 2200	thirty

### Safety requirements for furniture for bookselling premises

**Table 8**

Indicator name	Indicator value
Durability of bookstore furniture shelves , daN / m <sup>2</sup> , not less	120
Deflection flanges under the action of loads mm to 1 meter length of the shelf, not more	five
Effort of pulling out the drawer at its full load, daN, no more	five
Handle fastening strength , daN, not less:	
to break away	thirty
to bend	fifteen

**Appendix 3 to  
the technical regulations of  
the Customs Union  
"On the safety of furniture  
products "**

### Requirements for chemical safety of furniture products

The name of volatile chemicals released into the air during the operation of furniture premises *	missible level of migration of substances, mg / m <sup>3</sup>
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
alcohol , methyl	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

**Note:**

\* The list of controlled volatile chemical substances emitted from the furniture, is determined depending on the chemical composition of the structural, cladding, finishing, flooring, upholstery and adhesive materials used in its manufacture.

**Appendix 4 to  
the technical regulations of the Customs  
Union "On the safety of furniture products"**

**Compulsory certification schemes for furniture products**

Scheme number	Elements of the scheme			Application	Document certify conductive line
	Product testing , technical documentation	Production evaluation	INSPECTION and control		
one	2	3	four	five	6
1s	Test samples products in accredited test laboratories (center). Samples for	Analysis of production body for certification products	Test samples products and (or) analysis of production	For products, issued serially. Rogue applicant the originator, in that those foreign	Certificate of conformity on the products, issued serially

	<p>trials</p> <p>selects accredited body for certification</p>			<p>upon availability authorized leg manufacturer m face on</p>	
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	<p>products from the applicant. The applicant forms technical documentation in conformity with p. 7.2. Articles 6 the present Technical regulations</p>			<p>united customs territory Customs Union.</p>	
2c	<p>Test samples products in accredited test laboratories (center). Samples for trials selects accredited body for certification products from the applicant. The applicant forms technical documentation in conformity with p. 7.2. Articles 6 the present Technical regulations</p>	<p>Certification systems management quality designing me and (or) production accredited th body for certification and systems management quality, included in Unified register bodies for certification Customs union.</p>	<p>Test samples products and control systems management body for certification systems management</p>	<p>For products, issued serially. Rogue applicant the originator, in that those foreign upon availability authorized leg manufacturer m face on united customs territory Customs Union.</p>	<p>Certificate conformity, for products issued serially</p>
3c	<p>Test samples products in accredited test laboratories (center). Samples for trials</p>	-	-	<p>For the party products. The applicant seller (provider), manufacturer, in that number foreign</p>	<p>Certificate conformity per party products</p>

	selects from party accredited body for certification products.				
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	The applicant forms technical documentation in accordance with clause 7.2. Article 6 of this Technical Regulations				
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**Appendix 5 to  
the technical regulations of the Customs  
Union "On the safety of furniture products"**

**Schemes for declaring conformity of furniture products**

Scheme number	Elements of the scheme			Applicat ion	Document certify co nductive line
	Product testin g , technical documentation	Productio n evaluation	Production nn y control		
one	2	3	four	five	6
1d	Test samples products carries out manufacturer at own test base.  The applicant forms and analyzes technical documentation in conformity with		Implements manufacturer	Manufactured serially: furniture for bookselling premises; furniture for enterprises trade; armchairs for visual halls. Applicant-made giver Member States at the Custo	Declaration of conformity on the products, issued serially.



	p. 7.2. Article 6 the present Technical regulations.			ms Union or authorized foreign manufactu rer face on uni form customs territory Customs union.	
2d	Test  samples from party  products  carries out	-	-	The consigne nt products: furniture f or booksellin g premises;	Declaration of  conformity per party  products.

	manufacturer at own test base. The applicant forms and analyzes technical documentation in conformity with p. 7.2. Article 6 the present Technical regulations.			furniture for enterprises trade; armchairs for visual halls. Applicant-made guru, seller (provider) Member States at the Customs Union or authorized manufacturer face on uniform customs territory Customs union.	
3d	Test samples products in accredited test laboratories  (center) provides applicant.	-	Implements manufacturer	Manufactured serial furniture household and for public premises, except for the nursery. Applicant-made giver Member States	Declaration of conformity on the products, issued serially.

	The applicant forms and analyzes technical documentation in conformity with p.7.3. Article 6 the present Technical regulations.			at the Customs union or authorized manufacturer face on uniform customs territory Customs union.	
4d	Test samples products in accredited test laboratories (center) provides applicant. The applicant forms and analyzes	-	-	The consignment products, single furniture items : household and for public premises, except for the nursery. Applicant-made guru, seller (provider)	Declaration of conformity per party products.

	technical documentation in conformity with p. 7.3. Article 6 the present Technical regulations			Member States at the Customs union or authorized foreign manufacturer face on uniform customs territory Customs union	
6d	Test samples products in accredited test laboratories (center) provides applicant. The applicant forms and analyzes technical documentation in conformity with p. 7.3. Article 6	Certification systems management quality designing me and (or) production accredited th body for certification systems management quality, included in Unified register bodies for	Implements manufacturer	Manufactured serial furniture household and for public premises, except for the nursery. Applicant-made giver states - member Customs union or authorized manufacturer face on territory	Declaration of conformity on the products, issued serially.

	the present Technical regulations.	certification Customs union.		Customs union.	
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