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**ENGLISH TEXT OF
TECHNICAL REGULATIONS
OF THE CUSTOMS UNION**

**TR CU 001/2011
"On the safety of railway rolling stock"**

(approved by the Commission of the Customs Union on July 15, 2011 № 710)

Article 1.

Scope

1. This technical regulation of the Customs Union (hereinafter - CU) applies to newly developed (upgradeable), manufactured railway rolling stock and their parts, put into circulation for use on railway tracks and total uncommon 1520mm in the customs territory of the CU with velocities up to 200 km / h inclusive.

Railway rolling stock includes:

- 1) Locomotives;
- 2) Railcar rolling stock and wagons;
- 3) Passenger coaches locomotive traction (hereinafter - passenger cars);
- 4) Freight cars;
- 5) Special railway rolling stock.

Requirements of these technical regulations applicable to the CU objects of technical regulation in accordance with the list number in accordance with Annex 1.

2. Requirements hereof vehicle required in the design and manufacture of railway rolling stock and their parts, as well as conformity assessment of products.

This technical regulation does not apply to vehicle rolling stock railway transport technology organizations for moving people and property in the territory of the organization and execution of the initial-end operations with railway rolling stock for their own needs organizations.

Requirements for the operation of rolling stock in terms of traffic safety established by the legislation of the Rail - CU members.

3. This technical regulation establishes requirements for CU railway rolling stock and their parts in order to protect the life and health of humans, animals and plants, preservation of the property, as well as prevention of actions misleading consumers (users) with respect to its purpose and security.

Article 2.

Definitions

This technical regulations vehicle the following terms and their definitions:

Alarm system crash - a device of railway rolling stock, aimed at preventing or reducing the risk of injury attendants and (or) passengers in the event of a collision and (or) the vanishing of railway rolling stock;

automatic locomotive signaling - a complex of devices for transmitting signals in the driver's cab of travel of traffic lights, which is approaching railway rolling stock;

Automatic brake - a device that provides automatic train stop when disconnected or broken air guide lines and (or) when you open the tap emergency brake (emergency brake);

safety of railway rolling stock - the condition of rolling stock for which there is no unacceptable risk associated with harm to life or health of citizens, property of individuals or legal entities, state or municipal property, and the environment, the life or health of animals and plants;

Issuance of - the stage of product life cycle from manufacturing to commissioning;

Dimensions of railway rolling stock - cross perpendicular to the axis path outline, in which, without going outside, must be placed horizontally mounted on the forward path (for the most disadvantaged in a rut and no lateral inclinations on the springs and dynamic vibration) as empty and laden state railway rolling stock, including having the maximum normalized indicator;

wagons - wagons intended for the carriage of goods, such as boxcars, gondola cars, platforms, wagons, carriages bunker type, insulated wagons, grain carts, conveyors, container freight wagons special type;

proof security - paper on the safety of products containing the body of evidence of product conformity to the safety requirements laid down in the regulatory, design documentation, and evidence of conformity of product safety allowable values;

acceptable risk - the risk value from the use of railway rolling stock and their parts, on the basis of technical and economic possibilities manufacturer, corresponding to the level of safety that should be ensured at all stages of the product life cycle;

unit of railway rolling stock - a separate object of railway rolling stock, such as locomotive, freight and passenger cars, railcar rolling stock (or a section thereof, wagons), a special railway rolling stock;

railroad tracks public - the railroad tracks in the territories railway stations open to perform reception and departure of trains, reception and delivery of cargo, baggage and cargo, passenger service and performance sorting and shunting operations, as well as railway routes connecting such stations;

railroad tracks uncommon - railway sidings adjacent directly or through other railway sidings to the railroad tracks and public service designed for specific users railway services on a contract or perform work for their own needs;

Identification of products - a procedure to establish compliance of these products submitted technical documentation;

Insulated wagons - covered wagons with thermal insulation for the transport of goods, requiring the maintenance of a certain range of temperature of the cargo within a limited time of delivery;

Innovative products - products, technological characteristics (functional features, design realization, additional operations, as well as the composition of materials and components), or the intended use of which is brand new or significantly different from that previously manufactured products;

Supervisory control - control conformity assessment carried out in order to establish that the product continues to meet the specified requirements of technical regulations CU confirmed during certification;

driver's cab - partitioned part of the body of a train, in which jobs are located locomotive crews, and devices to control the locomotive, multiple units, special railway rolling stock;

Construction speed railway rolling stock - the highest speed, stated in the technical documentation for the project;

Crane emergency brake (emergency brake) - brake valve that is used to release air from the brake line of railway rolling stock and activating automatic brakes if necessary emergency stop;

Locomotive - railway rolling stock designed for the movement of trains on railroad tracks or individual cars;

Magnitorelsovy brake - the device that produces the braking force by electromagnetic attraction between the brake shoe to the rail;

Modernization of railway rolling stock - a complex of works to improve the technical and economic characteristics of the existing rolling stock by replacing their parts to more advanced;

modernization of the rolling stock with the prolongation of life - complex of works to improve the technical and economic characteristics of the existing rolling stock by making changes in the basic design in order to prolong life;

railcar rolling stock - motor and non-motor cars, which are formed of electric and diesel trains, railcars, rail buses, diesel - electric, elektromotrisy intended for the carriage of passengers and (or) luggage, mail;

Assigned resource - the total time of production, above which its operation is to be terminated, regardless of its condition;

Specified lifetime - calendar duration of operation of production above which the operation of the product should be stopped, regardless of its condition;

Designated period - calendar duration of storage products, when the storage of products which must be stopped, regardless of its condition;

safety case - a document containing an analysis of risk, as well as details of the design, operation, technical documentation about the minimum required safety measures accompanying the products at all stages of the life cycle and is supplemented by information on the results of risk assessment at the operational stage after repair;

Risk evaluation - the process of comparing the levels of risk analyzed with pre-established criteria and identifies areas that require risk treatment;

passenger wagons - wagons intended for the carriage of passengers and (or) luggage, postal items, such as mail, baggage cars, dining, service, technical, office, clubs, health, testing and measuring laboratories, special type of passenger cars;

passport - a document containing information certifying the manufacturer's warranty, the values of the basic parameters and characteristics (properties) of the product as well as information about certification and disposal of products;

Air-brake - brake pneumatically operated;

Controlled operation - nominal exploitation of railway rolling stock, accompanied by additional control and taking into account the technical state of rolling stock;

Train - formed of wagons and coupled with one or more existing locomotives or railcars, having established signals and sent to the stage and being on the stretch of locomotives and wagons without special self-propelled railway rolling stock;

Limit state - the state of the product in which its continued operation is invalid or impractical, or restore it to a healthy state is impossible or impractical;

Products - railway rolling stock and (or) its component parts;

Regenerative braking - braking of railway rolling stock, carried out by electrodynamics brakes, in which the translation released by the traction motors in the regenerative electric power is transferred to the contact network;

manual - a document containing information on the design, principle of operation, characteristics (properties) of the product and the instructions necessary for the proper and safe operation of the product (intended use, maintenance, repair, storage and transportation) and estimates its condition at determining whether to send it in for repair, as well as disposal of products;

Certified products - products, mandatory confirmation of conformity with the technical regulations which vehicle is produced in the form of certification;

speed railway rolling stock - locomotives, coaches, vans and other motorized rolling stock designed to ensure the implementation of traffic with a speed ranging from 141 to 200 km / h, inclusive;

part of railway rolling stock - detail, subassembly, or complex set included in the design of railway rolling stock and to ensure its safe operation, security personnel and (or) passengers;

special railway rolling stock - railway rolling stock intended for the construction, repair, maintenance and operation of the railway infrastructure and includes a non-removable self-propelled mobile rail-mounted units, such as locomotives, railcars, special railcars железнодорожностроительные machines with independent motor and traction drive, as well as self-propelled mobile unit rail-mounted, such as railway construction machines without traction drive, trailers and special rolling stock to be included in the economic train and intended for the production of works on maintenance, service and repair of structures and devices of railway transport ;

parking brake - a device with a manual or automatic drive, located on the unit of railway rolling stock and intended to secure it in the parking lot of spontaneous care, as well as to force an emergency stop in the presence of automatic or manual drive inside the unit of railway rolling stock;

technical interoperability - the ability of the railway rolling stock to interact with each other and with the rail infrastructure in accordance with the present technical regulations vehicle requirements;

Inhibition of railway rolling stock - effects on instruments and apparatus for controlling a braking system to reduce speed or stop a moving train or a unit of railway rolling stock;

braking distance - distance traveled by train in the time from exposure to instruments and devices for controlling the braking system, including triggering tap emergency brake (emergency brake), to a complete stop;

Form - a document containing information certifying the manufacturer's warranty, the values of the basic parameters and characteristics (properties) products represent the state of the above products, information about certification and disposal of products and information that contribute during its operation (duration and conditions of work, maintenance, repair, etc.);

operational documentation - design documentation, which alone or in conjunction with other documentation defines the rules for operation of production and (or) reflects the information certifying manufacturer guaranteed values of the basic parameters and characteristics (properties) products, as well as guarantees and information on its operation within the prescribed life;

Emergency braking - braking, used in cases requiring immediate train stop, through the implementation of the maximum braking force;

Electrodynamics brake - a device in which the braking force is created when converting the kinetic energy into electrical energy train by transferring traction motor acts as a generator;

Electro-pneumatic brake - braking device electrically controlled pneumatic brakes.

Article 3.

Handling market

1. Railway rolling stock and (or) its components are brought into circulation on the market provided that they meet this technical regulation of TS, as well as other technical regulations vehicle or technical regulations of the Eurasian Economic Community (hereinafter - EAEC), the action of which they are subject.

2. Railway rolling stock and its components, which match the requirements hereof CU is not checked, no one should be marked with the sign of products on the market states - members of the CU, allowed to release into circulation on the market and put into service.

Article 4.

Safety

1. This technical regulation to the extent that the CU risk of harm establishes minimum requirements for products, the implementation of which provides:

- a) The safety of radiation;
- b) Biological safety;
- c) Explosion;
- d) Mechanical safety;
- d) Fire safety;
- e) Thermal safety;
- f) Chemical safety;
- h) Electrical safety;

And) electromagnetic compatibility regarding safety operation of devices and equipment;

- a) Traceability.

2. When designing railway rolling stock and its components must be assessed risk calculation, experimental and expert way, including on the basis of the operating data of similar products. Methods of risk assessment can be set in the standards or other standardization documents (hereinafter - the standards), included in the lists of related standards used for the purposes of assessment (confirmation) of compliance with technical regulations vehicle.

3. Safety of railway rolling stock and its components shall be provided by:

- a) Implementation of a set of research and development work in product design;
- b) The application of proven technical solutions;

- c) Establish designated lifetimes and (or) production resources, as well as maintenance and repairs as often as necessary;
 - g) Of complex calculations based on proven methodologies;
 - d) The choice of materials and substances used in the design and manufacture of products depending on the parameters and operating conditions;
 - e) Establishing criteria for the limit states of production;
 - f) Define the conditions and methods of utilization of production;
 - h) Assess the suitability of products.
4. Railway rolling stock and its components for strength, stability and technical conditions must ensure the safe movement of trains with maximum speeds in the range of valid values.
5. Railway rolling stock and its components shall ensure that:
- a) Compliance with dimensions of rolling stock;
 - b) Implementation of the operating conditions, taking into account outdoor climatic and mechanical effects;
 - c) Technical compatibility with rail infrastructure and other railway rolling stock operated on this infrastructure;
 - g) The stability of the vanishing of the rail wheels;
 - d) The stability against overturning in curved track sections;
 - e) Preventing inadvertent leaving a parking space;
 - f) Clutch in trains for transmission of dynamic forces on the modes of traction and braking;
 - h) Permitted braking distance;
 - s) Exceedance linear loads, the maximum allowable forces on the effects on the path calculated axial loads;
 - k) Fall prevention components of rolling stock on a railway track;
 - L) Compliance with the maximum permitted forces traction, braking and acceleration values;
 - m) sanitary-epidemiological and environmental safety;
 - n) In the electromagnetic compatibility of electrical equipment to ensure safe operation of the devices and equipment;
 - a) Electromagnetic compatibility of electrical devices railway automation and remote control of railway telecommunication railway infrastructure;

- n) Fulfill the requirements of fire safety;
 - p) Allowable tensile loading conditions and impacts;
 - c) Absence of plastic deformation upon application of longitudinal and vertical settlement dynamic loads;
 - m) low-cycle fatigue resistance and multicycle loading conditions;
 - y) The safety and reliability of electrical equipment throughout the range of operating conditions (at nominal and boundary regimes electricity);
 - f) Structural safety of cargo, mail and baggage cars for loading and unloading with the use of mechanical aids;
 - x) Clutch cars with dissolution with slides and (or) pass by ferry apparelnomu Congress;
 - c) Lack of touches parts of rolling stock between themselves and with the elements of railway infrastructure not covered by the design documentation;
 - h) Adhesion of rolling stock in the curved sections of the railway line, the possibility of movement of cars in single wagons and grappled for ways uncommon;
- iii) Compliance with the requirements of energy efficiency.
- 6. When designing railway rolling stock and their parts designer (developer) must choose solutions that provide by legislation states - members of the CU permissible levels of harmful and (or) hazardous effects on the lives and health of humans, animals and plants.
 - 7. Selected designer (developer) construction of railway rolling stock and its components should be safe during its service life, and (or) resource assigned shelf life, as well as to withstand impact and stresses to which they may be subjected in service.
 - 8. When designing railway rolling stock and their parts designer (developer) should provide emergency crash-protection systems for personnel and (or) passengers in the event of a collision and (or) the vanishing of railway rolling stock.
 - 9. When designing rolling stock designer (developer) shall provide software to ensure the safety operation of railway rolling stock and their parts.
 - 10. Changes to the design of railway rolling stock and their parts must not be reduced set when designing the safety requirements stipulated by the present technical regulation CU.

11. In case of changes in product design or manufacturing technology of railway rolling stock and (or) its components related to safety, as well as upgrading to the extension service should be held mandatory conformity assessment of products in the manner prescribed in Article 6 of this CU technical regulations.

12. Railway rolling stock and its components must be clearly distinguishable identification and warning labels and labeling, which must be repeated and explained in the manual.

13. Railway rolling stock in accordance with the design documentation must be marked as follows, providing product identification irrespective of the year of its release:

- a) A single sign of products on the market states - members of the CU;
- b) The manufacturer's name and (or) its trademark;
- c) The product name and (or) the designation of series or type, number;
- g) The date of manufacture;
- d) The tare weight;
- e) Design speed;
- g) Plate or label on repairs carried out;
- h) Capacity (for freight, mail and baggage cars);

And) the number of seats (for railway rolling stock intended for the carriage of passengers or operational maintenance personnel).

14. Components of railway rolling stock in accordance with the design documentation must be marked, providing product identification irrespective of the year of its release, including:

- a) A single sign of products on the market states - members of the CU;
- b) The manufacturer's name or trademark name of the product;
- c) The date of manufacture.

Allowed only marking on the packaging and instruction in the attached to the constituent parts of railway rolling stock operational documents, if it cannot be applied directly to the components of rolling stock due to their construction.

15. Means of measurement related to the scope of state regulation to ensure uniformity of measurements established on railway rolling stock must be of an approved type and have a sign verification and (or) test certificate in accordance with the legislation on ensuring the uniformity of measurements of states - members of the CU.

16. Wheel sets railway rolling stock in accordance with the design documentation must have signs marking and branding.

17. Frames and beams freight car bogies in accordance with the design documentation must have the following signs marking cast:

- a) The identification number of the manufacturer;
- b) The last two digits of the year of manufacture;
- c) The serial number of frames and beams on the numbering system of the manufacturer;
- g) The symbol of the steel grade;

18. Frames and beams freight car bogies in accordance with the design documentation must have signs marking the manufacturer, in the case of defect correction welding frames and beams - and the stamp of the welder.

19. Glasses cab, passenger cars and railcar rolling stock in accordance with the design documentation must be marked as follows:

- a) Mark of market states - members of the CU;
- b) The manufacturer's name and (or) its trademark;
- c) The designation of the glass; Marking and operational documents are executed in the official language of the state - a member of the CU, which manufactured products,
- g) Protection class;
- d) Information on the certification.
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21. during commissioning of railway rolling stock and their parts necessary to have a set of operational and maintenance documentation.

Manufactured products subject to mandatory conformity assessment, released into circulation with the appropriate manuals, compliance and regulations which ensure its safe operation.

22. Railway rolling stock, location and installation of its equipment must ensure the safety of operating personnel in the operation, inspection, maintenance, and repair.

Railway rolling stock should have specific steps, handrails or arrangements to ensure the safety of operating personnel in the operation, inspection, maintenance, and repair.

23. Control systems, control and safety of railway rolling stock must deliver a usable state for all anticipated operating conditions and external influences all provided in the manual.

Management and control system of railway rolling stock should preclude the development of dangerous situations when possible logical errors attendants.

24. Control systems, control and safety should include means of signaling and information, warning of violations serviceable condition of railway rolling stock and their parts, which can lead to situations that threaten safety.

25. Software railway rolling stock as built and delivered on physical media, must provide:

- a) Performance reboots caused by failures and (or) hardware failures, and integrity in their own fault;
- b) protection against computer viruses, unauthorized access, the consequences of failures, errors and failures in storage, input, processing and output of information, the possibility of accidental changes to information;
- c) Compliance with the properties and characteristics described in the accompanying documentation.

26. Railway rolling stock must have software version specified in the declaration of conformity software requirements hereof vehicle.

27. The system management, control and security of railway rolling stock in case of traction drive and other equipment malfunction in the electrical, hydraulic and (or) pneumatic parts, software failure should not allow changes in the characteristics and modes of operation, which may lead to security breaches state railway rolling stock. Fault management system with correct operation of onboard safety devices must not lead to a halt of railway rolling stock and violate its design characteristics.

28. Instruments and apparatus for controlling railway rolling stock must be:

- a) Provided with inscriptions and (or) symbols in accordance with the design documentation;
- b) Designed and located so as to prevent their inadvertent switching on and off or switch;

c) Placed given the importance of their functions, sequence and frequency of use.

29. Freight locomotives and special self-propelled rolling stock shall be equipped with the following devices:

- a) Train radio;
- b) Speed control devices;
- c) Recorders motion parameters;
- d) Automatic locomotive signaling;
- d) Monitoring device density pneumatic brake line.

30. Freight locomotives intended for operation in areas with heavy traffic and (or) to drive connected by train, in addition to the devices referred to in paragraph 29 of this article shall be equipped with the following devices:

- a) Automated control system that provides speed control and the ability to receive (transmit) voice data at the entrances to the input and output traffic lights, level crossings and stations;
- b) An automatic fire alarm.

31. Freight locomotives serviced by the machinist, in addition to the devices specified in paragraphs 29 and 30 of this Article, shall be equipped with the following devices:

- a) Automatic braking control train or locomotive comprehensive safety device;
- b) The control system driver awake;
- c) The mirror or other similar device;
- g) Lock brakes;
- d) Fire extinguishing system.

32. Shunting locomotives should be equipped with the following devices:

- a) Remote uncoupling from cars;
- b) Shunting radio compatible with shunting radio used to handling areas shunting locomotives.

33. Shunting locomotives serviced by the machinist, in addition to the devices referred to in paragraph 32 of this Article, shall be equipped with the following devices:

- a) A second control panel;
- b) The mirror or other similar device;
- c) Devices that provide an automatic stop in case of sudden loss of the ability to conduct a machinist locomotive.

34. Passenger locomotives should be equipped with the following devices:

- a) Train radio;
- b) Automated control system that provides speed control and the ability to receive (transmit) voice data at the entrances to the input and output traffic lights, level crossings and stations;
- c) An automatic fire alarm system;
- g) Recorders motion parameters;
- d) Automatic locomotive signaling;
- e) electro-pneumatic brake.

35. Passenger locomotives serviced by the machinist, in addition to the devices referred to in paragraph 34 of this Article, shall be equipped with the following devices:

- a) Automatic braking control train or locomotive comprehensive safety device;
- b) The control system driver awake;
- c) The mirror or other similar device;
- g) Lock brakes;
- d) Fire extinguishing system.

36. Railcar rolling stock shall be equipped with the following devices:

- a) Train radio;

- b) Automated control system that provides speed control and the ability to receive (transmit) voice data at the entrances to the input and output traffic lights, level crossings and stations;
- c) Recorders motion parameters;
- d) Automatic locomotive signaling;
- d) electro-pneumatic brake;
- f) Connection "passenger-driver";
- g) Alarm control closing doors;
- h) An automatic fire alarm.

37. Locomotives used for the carriage of passengers, special and dangerous goods, and head railcar rolling stock shall be equipped with satellite navigation equipment, promoting traffic safety.

Other types of rolling stock to be equipped with satellite navigation are determined by the executive branch responsible for public policy and legal regulation in the sphere of railway transport in accordance with the powers set out the Governments - CU members.

38. Automatic locomotive signaling locomotives, multiple units and special self-propelled rail vehicles must be supplemented by safety devices, set-controlling velocities, and periodic check driver vigilance preventing spontaneous train care of his place of parking. In cases of loss of ability to control the locomotive engineer, multiple units and special self-propelled rail vehicle and driver train - railcars, these devices should provide automatic train stop.

39. The cab locomotive driver, multiple units and special self-propelled rolling stock must provide:

- a) an unobstructed view of locomotive crew, located in the "sitting" and "standing" route, outdoor signals neighboring tract compositions and contact network;
- b) Visibility in the "standing" one of the employees of the locomotive crew when approaching the composition of cars and work area personnel participating in the maneuvers;
- c) An unobstructed view from the cabin at any time of year and day, in all weather conditions, at all speeds.

40. Windscreens cab locomotives, multiple units and special self-propelled rolling stock shall be secured in the windows and have a seal.

41. Distribution cab locomotive, railcar rolling stock and special self-propelled rolling stock, workplace layout of the locomotive crew, instruments and controls, information display systems, driver seat design must meet the requirements of ergonomics and systems engineering.

When designing the controller and driving position and his assistant should be considered requirements of ergonomics, providing ease of management from the "sitting" and "standing."

The design and arrangement of devices and control devices, measuring instruments, indicator lights on the control panel should provide visibility readings and displays of these during the day and at night when there is no glare from direct or reflected light.

Light settings in the cab, the brightness scales measuring devices must be within the permissible range.

42. Locomotives, railcar rolling stock, passenger cars, insulated wagons with service and support facilities and special rolling stock shall be equipped with general, local and emergency lighting.

Emergency lighting should automatically switch to the independent power source (battery) in the absence of voltage main power supply. This should be possible to manually turn the emergency lighting.

43. Emergency escape cab locomotives, multiple units and special self-propelled rolling stock shall be provided through the side windows using assistive devices.

Railcar rolling stock, passenger cars, insulated wagons with service and support facilities and special rolling stock shall be equipped with emergency exits on each side of the car and, if necessary, to have a means of emergency evacuation of personnel and (or) passengers.

To open the emergency exit must be sufficient efforts of one man.

44. Glazing interior of railway rolling stock intended for staff and (or) passengers must ensure the safety of personnel and (or) the passengers in case of impacts on railway rolling stock while it is parked or in transit.

45. The inner parts of the rolling stock requiring inspection, adjustment and maintenance, and if necessary, outside the work equipment must have additional coverage.

46. Railway rolling stock shall be equipped with automatic brakes, providing braking of slowing or stopping within the estimated braking distance. Automatic brakes of railway rolling stock have the necessary functionality and reliability in various operating conditions; provide smooth braking and stopping the train in violation of the integrity of the brake line or unauthorized decoupling units of rolling stock.

47. Automatic brakes must be capable of applying different braking modes depending on the load of a train, and the length of the profile of the railway track.
48. Stop valves in passenger cars and motorized rolling stock must be installed in lobbies, inside passenger cars and sealed.
Stop valves in insulated cars with service and support facilities should be installed in offices and sealed.
Stop valves in special self-propelled rail vehicles are installed when necessary.
49. Railway rolling stock shall be equipped with parking brakes. In accordance with the standards part of freight wagons of total issued shall be equipped with adapter plate with stop cock and the parking brake.
Parking brakes of railway rolling stock should provide the estimated brake press and hold units of rolling stock within the permissible range.
Helm handbrake must be equipped with devices preventing unintentional rotation of the wheel.
Allowed the use of automatic parking brakes.
50. Components of railway rolling stock, separation or break which can cause them to fall on the railway track or exit dimensions of rolling stock must have safety devices that can withstand the weight of the equipment to be protected within the permissible range.
51. The main air tanks and batteries of railway rolling stock must be installed outside the cab, passenger cabins and rooms for staff.
52. Electrodynamics brake locomotives and multiple units (if any) must be coordinated with the work of pneumatic and electro-pneumatic brakes in the implementation of the service or emergency braking. Upon cancellation of the electrodynamics brakes shall have its automatic substitution of a pneumatic brake.
53. On the high-speed passenger trains should be additional measures to improve the braking performance and safety (for example, the use of disk, magnitorelosovyyh brakes).
54. Railway rolling stock and its components should be stable at ambient temperatures in the range of valid values and continue to operate in a transient increase in temperature within the permissible range.
55. Railway rolling stock shall be equipped with a coupling device that eliminates spontaneous separation units of rolling stock and ensuring its evacuation in case of emergency.
The composition of automatic coupler rolling stock must include energy absorbing device.

56. Passenger cars and other motorized rolling stock equipped with automatic couplers shall be equipped with a buffer device.
57. Wheels, axles and tires wheel sets of railway rolling stock, side frames and bolsters freight car bogies must store the static strength and fatigue resistance factor required that provide resistance to the formation and development of defects (cracks) within the specified period in the design documentation their full examination or life.
- Mechanical properties, toughness and residual stress state of the wheels, axles and tires, side frames and bolsters freight car bogies must ensure their safety during the mechanical design life.
58. The materials and substances used in the design and manufacture of railway rolling stock and their parts should be safe for humans and the environment.
59. Characteristics (Figures microclimate, noise levels, vibration, ultrasound, electromagnetic radiation, lighting, composition, air quality) of life support systems (air conditioning - heating, ventilation, cooling, lighting, noise and vibration protection, air pollution control, protection and infrasound ultrasound, electromagnetic radiation) driver's cab locomotives, multiple units and special self-propelled rolling stock, the interior passenger coaches and multiple units, residential and office premises of special rolling stock, as well as refrigerator cars with service and support facilities shall not exceed the permissible values for jobs.
- External noise from the railway rolling stock shall not exceed the allowable values.
60. Application liquids (acids, alkalis, liquefied gases) and lubricants in the production, operation, maintenance and repair of railway rolling stock and their parts must not lead to dangerous effects on the lives and health of humans, animals and plants .
61. Footsteps and handrails rolling stock shall be secured. Surface steps, platforms, chicanery and decking should prevent slipping.
- At stairs leading to the roof of cars, special rolling stock shall be marked hazard warning signs.
- Stairs to climb to the roof of locomotives and railcars trains must be locked in the closed position and the open with a special device.
62. The design of the rolling stock shall be provided to lift jacks. Surface intended to come into contact with the heads of rams, should prevent them from slipping.
- Should be possible to lift each piece of rolling stock wheel sets when coming off the rails using cranes and jacks, and the ability to transport it with a jammed wheel pair.

63. Speakers details of construction and equipment of railway rolling stock and their parts must not have sharp edges, edges and corners that could injure the wait staff and (or) passengers.

64. Materials and substances used for interior surfaces of the salons of passenger cars, railcar rolling stock cabs of locomotives, multiple units, special rolling stock, office and ancillary facilities refrigerator cars, should not exceed the permissible values of the degree of risk and development fire and human exposure to fire hazards.

Passenger cars must be equipped with a partition between the compartments ognezaderzhivayushey conductors and the passenger compartment in the presence of conductor's compartment, and compartment cars - and between the compartments. Ceiling space in the compartment type and wagons on a large (main) train compartment corridor type should be shared at least 3 zones by setting fire retardant transoms.

The cab locomotives wagon body type, multiple units should be separated from the rest of the fire retardant wall of the locomotive with wagon body type or multiple units.

65. As coaches and multiple units should be provided safe passage Serviced staff and passengers from wagon to wagon on transitional sites. Design transition areas should be closed type, i.e. exclude the possibility of accidental contact attendants and passengers with external elements of railway rolling stock, rail infrastructure elements, such as the network of contacts, track structure, etc., as well as to minimize the impact of any adverse factors environmental attendants and passengers during their stay in the transition area.

66. The construction and mounting of the upper shelves sleeping passenger cars, refrigerator cars with service and support facilities should be designed to prevent a fall or tilt, resulting in injury to personnel and (or) passengers.

The top bunk should be equipped with seat belts or obstruction bumpers, excluding drop attendants and passengers.

67. Armchairs and sofas passenger coaches and multiple units must have a strong attachment to the floor and design that avoids the possibility of tipping, including emergency braking.

Placement and mounting personal luggage of passengers and staff should be made so as not to injure passengers and attendants during emergency braking and (or) emergency evacuation.

Distribution of passenger cars, railcar rolling stock and refrigerator cars with service and support facilities, arrangement of seats for passengers and staff to meet the requirements of ergonomics and systems engineering.

68. Multistage locomotives should be equipped with closed-type adapter plate to ensure safe passage of the locomotive crew from one section to another.
69. Rotating diesel, electric machines, fans, compressors and other equipment of rolling stock should be protected by special devices, excluding incidental contact attendants and passengers with moving parts of the equipment of rolling stock.
70. Locomotives with a body type should be the bonnet side and end platforms. On the outer side and end areas rails must be installed - an intermediate barrier guardrail. On the outer perimeter of the floor pads must be fitted limiting strap.
71. Electrical locomotives, multiple units, passenger and refrigerator cars should be protected and the alarm is tripped if overload, short circuit, earth fault, when an electrical surge, as well as the removal of the voltage in the catenary system with regenerative braking, skidding and use wheel sets. Motor protection should exclude damage electrical equipment and must not lead to dangerous consequences: unacceptable heating, resulting in smoke or fire, and (or) overvoltage leading to electrical insulation breakdown.
72. Unprotected (uninsulated) parts of the electrical railway rolling stock under voltage must be protected from accidental access of personnel and (or) passengers.
- Metal shell electrical equipment, as well as all guards (including pipes), attachment structure of live parts, which in the case of a fault may be at a voltage exceeding allowable limits must be grounded to the body of railway rolling stock.
73. Locomotives, railcar rolling stock, passenger cars, special railway rolling stock and insulated wagons with independent power plant shall be equipped with storage space for sets of electrical equipment, as well as other special equipment necessary for the maintenance and safe operation specified in this paragraph Application of railway rolling stock.
74. The level of electromagnetic interference generated by railway rolling stock and their parts must not exceed the limits within which such interference cannot affect the operation of railway transport infrastructure and exploited her railway rolling stock.
75. The battery box must be explosion-proof.
76. Locomotives, railcar rolling stock, special rolling stock, passenger and isothermal cars should be equipped with fire alarm systems, fire-fighting, special locations for fire extinguishers, fire-fighting equipment.

Fire alarm system shall issue an acoustic and (or) optical information indicating the location of deck, automatically detect a fault (short circuit, open circuit) in the lines of communication with the detectors by the control panel, and it should be possible to periodically check their serviceability.

77. Locomotives and insulated wagons with independent power plant, diesel trains, diesel-electric trains, rail buses, and special-propelled rolling stock shall be equipped with a spark arrester.

78. Locomotives with a wagon body type should be light and sound alarm to call the assistant driver of the engine (diesel) premises in the driver's cab.

79. The ventilation system locomotives with autonomous power plant, diesel trains, rail buses, diesel-electric, refrigerator cars with autonomous power plant and a special self-propelled rolling stock must exclude the possibility of getting the exhaust gas and dust in the driver's cab, rooms for staff, as well as the passenger.

The characteristics of the air in the engine room of locomotives with autonomous power plant, diesel trains, rail buses, diesel-electric, refrigerator cars with autonomous power plant and a special self-propelled rolling stock shall not exceed the allowable values.

80. The design of the cooling system with diesel locomotives and wagon body type refrigerator cars with autonomous power plant must be capable of refueling the cooling system without the need for maintenance personnel on the roof of the locomotive or insulated carriage.

81. Passenger cars must be equipped with the following devices:

- a) air conditioning (heating, cooling, ventilation), smoking should be equipped with a separate ventilation system, outputting air outside the premises without recycling;
- b) The system of drinking and domestic water supply;
- c) Clean toilet facilities;
- g) Vnutripoezdnaya telephone;
- d) Heating control system box;
- e) Onboard broadcasting;
- g) Spark arresters smoke exhaust pipes when using autonomous heating systems.

82. Speed passenger cars in addition to the devices referred to in paragraph 81 of this Article, shall be equipped with centralized power.

83. Speed railcar rolling stock shall be equipped with the following devices:

- a) air conditioning (heating, cooling, ventilation);
- b) Vnutripoezdnyaya telephone;
- c) Heating control system box;
- g) System of drinking and domestic water supply;
- d) Environmentally friendly toilet complexes.

84. Head railcar rolling stock shall be equipped with green bath complexes.

85. Isothermal cars with service and support facilities must be equipped with the following devices:

- a) Air-conditioning system (ventilation, heating, cooling);
- b) The system of drinking and domestic water supply;
- c) Clean toilet facilities;
- g) Control system heating Books.

86. Wagons for the transport of food raw materials and food products should provide temperature, humidity, ventilation performance within acceptable values for each type of food raw materials and food products.

87. Passenger cars and railcar rolling stock serviced without conductors shall be fitted directly located in the passenger compartment devices to communicate with passenger's locomotive or train crew.

88. The entrance doors of passenger cars and railcar rolling stock shall be equipped with systems (devices) opening (closing) and the control system, ensuring safety of personnel and (or) passengers.

Entrance doors of passenger cars must be fitted with locking devices, excluded them from opening passengers or strangers when driving vehicles.

89. Emergency opening front doors of passenger cars and railcar rolling stock should be carried out according to a standard scheme with their fixation in the open position. Emergency opening entrance doors leaning type must be in manual mode at a speed of trains within the permissible range.

90. Railcar rolling stock shall be equipped with seats designed for the passage of persons with disabilities and passengers with children.

91. Passenger cars and railcar rolling stock intended for the passage of people with limitations in mobility must be equipped with the following devices:

- a) A device for rapid ascent, descent and reliable fastening wheelchairs;
- b) Special bathrooms with a larger area;
- c) Passes widths.

92. Railway rolling stock shall be equipped with visual and audible alarm.

93. The frontal part of the car body locomotives type head railcar rolling stock and special self-propelled rolling stock, as well as the end of the locomotive with body bonnet type shall be equipped with a searchlight and two signal taillights with the right and left sides.

Signal lights must also be installed on the rear end wall of each of the sections of the locomotive, which can be used as an independent unit.

Spotlight to be installed along the longitudinal axis of symmetry of the locomotive head railcar rolling stock and special self-propelled rolling stock.

Tie the spotlight should be directed parallel to the horizontal plane of the railway track. Scheme incorporating spotlights should allow the inclusion of bright light, providing a nominal axial force of light and dim light.

It shall be possible to replace the lamp spotlight from the cabin and adjust the direction of the light beam.

Passenger cars must be equipped with three signal lamps mounted on both end walls of wagons.

94. Freight cars must be equipped with brackets for installation of the signs.

95. Locomotives, rolling stock and other motorized special self-propelled rolling stock shall be equipped with an audible warning device - high volume (TYFONS) and low volume (whistles). Device to enable Typhon and the whistle should be located in the zone of optimal reach of the driver and assistant driver. Control system beeps locomotives and multiple units must have duplication - include devices for immediate direct air control valve Typhon by mechanical action.

96. Machinery (diesel) locomotives with space for car body type, diesel trains, railcar, railway coaches, diesel-electric train's refrigerator cars with autonomous power plant, and special self-propelled rail vehicles must be separated from the driver's cab or premises for staff vestibule. Must be kept free of the vestibule in the operator's cabin or a room for staff.

97. Side doors covered cargo, isothermal, mail and luggage cars must be equipped with means for limiting the movement of the door when you open it fully. Doors, hatches and constipation should open effort of one person. Covered wagons with side doors must be fitted with removable equipment to install bunk, window frames, door bookmarks rifle zubchatok and furnace sets.

Box cars with roof hatches for loading of bulk cargo shall be fitted on the car roof scaffolds and ladders to climb on these platforms.

98. Tank wagons on both sides of the outside of the boiler must be equipped with ladders with grooved steps and handrails. Depending on the destination of the frame and boilers tanks must be equipped with appropriate design of earthling systems.

Boiler tank car must be equipped with bottom or top discharge device, the drain inlet valves, safety inlet-outlet valves, other necessary fittings, as well as an internal staircase, and boilers for liquefied gases - also safety membranes and to ensure tightness boilers.

Boilers special types of tank cars must be equipped with shutoff and control valves, as well as be able to install monitoring devices.

Boilers tank cars must be equipped with safety devices to prevent the car when coming kink drain valve inlet and outflow transported liquids and gases from the boiler.

99. Railway rolling stock and its components used in their production of materials and substances should be designed to secure the possibility of recycling or disposal at the end of its service life.

Article 5.

Ensuring compliance with safety requirements

1. Ensuring the safety of products of acceptable values (hereinafter - the valid values) stipulated standards applied on a voluntary basis, a sufficient condition for compliance with the requirements of these technical regulations vehicle.
2. Lists interrelated with this technical regulation CU standards approved by the Commission of the Customs Union (hereinafter - the CCC).
3. When making changes in the standards relating to safety requirements, party proposed changes should be used to calculate risk with proof security changes.

Article 6.

Conformity Assessment

1. Conformity assessment of products held in the form of mandatory conformity.

2. Mandatory conformity assessment of products is carried out in the forms of:
- a) Certification;
 - b) The adoption of a declaration of conformity (hereinafter - the declaration of conformity).
3. Works assessment (confirmation) of conformity with the technical regulations in these vehicle requirements under the customs union is accredited certification bodies (assessment (confirmation)) included in the Unified Register of certification bodies and testing laboratories (centers) of the Customs Union (further - certification bodies).
4. Necessary test and measurement products in case of certification held by the testing laboratories (centers), included in the Unified Register of certification bodies and testing laboratories (centers) of the Customs Union (hereinafter - accredited test laboratories (centers)).

Accredited testing laboratory (center) conducts research (tests) and measurements of products within the scope of accreditation under a contract concluded with the certification body. Accredited test laboratories (centers) issue results of researches (tests) and measurements of the relevant test reports and transmit them to the certification body. In accordance with the procedure for certification set out in paragraphs 21 - 67 of this Article, the certification body decides to grant or refuse to issue a certificate of conformity.

Measuring instruments used in tests must comply with the legislation on ensuring the uniformity of measurements of the state - a member of the CUIF applied in the evaluation of conformity of the provisions of standards conformity assessment requirements hereof vehicle may be subject to these standards. Non-application of standards cannot be assessed as non-compliance with these technical regulations vehicle. In this case allowed to use other documents to assess product compliance with these technical regulations vehicle in accordance with paragraph 18 of this article.

6. List of railway rolling stock, subject to certification, is given in Appendix number 2.

Names of parts of railway rolling stock, subject to certification, are given in Annex 3 number.

Names of parts of railway rolling stock, subject to declaration of conformity based on their own evidence, the evidence obtained with the participation of the certification body and (or) accredited testing laboratory (center), is shown in Annex 4 number.

Names of parts of railway rolling stock, subject to declaration of conformity based on their own evidence, contained in annex number 5.

The certification procedure given in paragraphs 21 - 70 of this article.

7. List product certification schemes are given in Appendix 6 number.

List of individual provisions of these technical regulations vehicle used for the certification of railway rolling stock is given in Appendix number 7. List of individual provisions of these technical regulations vehicle used in mandatory conformity assessment components of rolling stock is given in Appendix number 8.

8. To check compliance with the mandatory requirements set out in this technical regulations vehicle, the manufacturer spends on proven methodologies acceptance, acceptance testing, periodic testing and model.

9. Certification is carried out by a certification body on the basis of a contract concluded with the applicant.

When certifying the applicant may be registered in accordance with the laws of - members of the CU on its territory entity (person as an individual entrepreneur), which the manufacturer or seller or performing the functions of the foreign manufacturer on the basis of a contract concluded with him to ensure compliance of the products supplied requirements hereof vehicle parts and responsibility for non-delivered products requirements hereof vehicle.

10. On products that have undergone modernization with life extension, subject to the same conformity assessment procedures that the newly manufactured products.

11. Types and scope of tests defined in the standards, containing the rules and methods of researches (tests) and measurements, including the rules of sampling necessary for the implementation and execution of the technical regulations of the Customs Union and assessment (confirmation) of conformity of products, the list of which is approved by the CCC.

Dates works on conformity assessment determined by agreement between the certification body and the applicant.

Term of issue of the certificate of compliance shall not exceed 15 working days from the date of receipt by the certification test records and documents necessary to eliminate the revealed discrepancies in the certification.

The certificate of conformity is not more than 5 years.

12. When declaring compliance by the applicant may be registered in accordance with the laws of - CU members in their territory legal entity (person as an individual entrepreneur), which the manufacturer or seller or performing the functions of the foreign manufacturer on the basis of a contract with him in terms of ensuring conformity of products supplied requirements hereof vehicle parts and responsibility for non-delivered products requirements hereof vehicle.

13. Declaration of Conformity includes the following activities:
- a) Forming an applicant receiving a declaration of conformity, the set of documents confirming the compliance of the products;
 - b) Testing of production samples to an accredited testing laboratory (center), if it is stipulated by the scheme declaration;
 - c) The applicant applies to the certification body control systems (management) and conducting quality management system certification (management) quality, if stipulated by the scheme declaration;
 - d) Adoption of a declaration of conformity by the applicant;
 - d) Feeding the certification body application for registration of the declaration of conformity with the accompanying documents;
 - e) Validation by certification body completeness of documents, as well as the correctness of filling declaration of conformity;
 - g) The registration of the declaration of conformity;
 - h) Information on the results of the declaration of conformity;
 - i) Supervisory control certification body control systems (management) of the certified quality management system (management) quality, if stipulated by the scheme declaration;
- a) Control of products, conformity is confirmed by the declaration of conformity.
14. When declaring the conformity based on the applicant's own evidence, accepting the declaration of conformity set independently forms the evidentiary materials, comprising:
- a) The constituent documents;
 - b) Design and technological documentation;
 - c) The safety case;
 - g) The act of selection of samples of products;
 - d) Test reports product obtained in our own laboratory of the applicant;
 - e) Organization standard or technical conditions under which products are produced;
 - g) The documents confirming the safety of the components that affect the safety of products in general;

- h) Quality management system certificate in respect of which provides control of the certified product certification body which issued the certificate (hereinafter - supervisory control);
- i) Other documents (results of calculations using the proven methods of operation analogues) used by the applicant to demonstrate compliance products.

15. When declaring the conformity of products based on their own evidence and evidence obtained with the participation of the certification body and (or) accredited testing laboratory (center), the applicant in addition to its own evidence, formed in accordance with paragraph 14 of this article includes the evidentiary materials protocols (tests) and measurements carried out in an accredited testing laboratory (center).

When declaring the conformity product identification conducts accredited testing laboratory (center).

Sampling of products for testing shall be in accordance with the requirements set standards containing rules and methods (tests) and measurements, including the rules of sampling required for the application and enforcement of this technical regulation and implementation of assessment (confirmation) of conformity of products list which is approved by the CCC. Product samples are selected for testing of the design, composition and manufacturing technology must be identical products supplied to the consumer (customer).

List of schemes declaration of conformity is given in Appendix number 9.

16. Validity of the declaration of conformity is not more than 5 years.

17. Copies certified manufacturer of declarations of conformity and (or) the certificate of conformity shall be attached to the documentation accompanying the product.

18. If the applicant upon confirmation of conformity does not apply or applies standards in part, together with the application that it represents:

- a) Proof of product compliance with these technical regulations vehicle;
- b) Information on the studies (trials) in accredited testing laboratories (centers);
- c) Certificate of quality management system.

19. Innovative products for certification the applicant submits an application to the certification body and is the technical documentation, including safety case technical solutions proposed innovative products. The certification body shall review the submitted materials and the presence of

deviations from the permissible values of safety requirements directed to the body of - CU members performing functions of state policy and legal regulation in the sphere of railway transport, the proposal to their adjustment.

Member States' authorities CU performing the functions of public policy and legal regulation in the sphere of railway transport on the basis of studies indicated values in the established states - members of the CU order develop and approve standards establish requirements for an experimental batch of innovative products and services to ensure the safety including methods of control and the amount of testing required to prove the safety of innovative products.

Based on the positive results of innovative products and services in accordance with approved standards certification body decides to issue a certificate of conformity for the applicant party of innovative products. The certificate of conformity shall include the quantity of samples of innovative products and validity of the certificate of conformity. The certificate of compliance for samples of innovative products must be not more than 2 years.

20. The applicant is entitled under the laws of the Member States apply to the vehicle by the accreditation body with complaints of misconduct of certification bodies and accredited test laboratories (centers).

21. Procedure for certification includes:

- a) Submission of the applicant in the certification application for certification of products;
- b) Assessment of the application for certification by the certification body, the decision in respect of the said application and the direction to the applicant;
- c) Testing the product by an accredited testing laboratory (center) under the contract concluded with the certification body;
- d) Inspection of the production and certification of quality management or production, if it is provided by the certification scheme;
- d) examination of the test results, check the status of the examination of production or quality management system certification or production (if conducted) and review other evidentiary materials, as well as a decision to issue a certificate of conformity or justification of refusal to issue a certificate of conformity;
- e) Registration, registration and issue a certificate of conformity or the direction applicant refusal to issue a certificate of conformity;

g) Implementation in accordance with the certification schemes surveillance, and the use of the certificate of conformity and a single mark of products on the market states - members of the CU.

22. The application for certification is made by the applicant in Russian and, if necessary, in the state (s) language (s) of the CU and shall contain:

- a) The name, location and details of the applicant;
- b) The name, location and details of the manufacturer, if the applicant is not the manufacturer of the product;
- c) information about products and identifying its characteristics (name, code, in accordance with a single commodity nomenclature of foreign economic activity vehicle (hereinafter - HS CU), technical description of the product, the instructions for its use (operation) and other technical documentation, in accordance with paragraphs 23 and 25 of this article, which describes the products as well as the declared quantity (mass production, batch or unit of production);
- g) A reference to the provisions of these technical regulation CU requirements which meet the production;
- d) Certification scheme;
- e) The obligations of the applicant on the implementation of the rules and conditions of certification;
- g) For more information at the discretion of the applicant;
- h) List of documents accompanying the application.

23. For newly developed products together with the application for certification by the applicant submitted to the certification body the following documentation:

- a) Specification for the creation of a sample product (if available);
- b) The product specification;
- c) The program of preliminary tests;
- d) Pre-test protocol;
- d) Set accounted operational documentation;
- e) A statement of readiness to conduct a sample product acceptance testing;
- g) Plans - schedule for acceptance testing;

- h) Acceptance testing program;
 - And) acceptance test;
 - a) An act of acceptance commission;
 - l) A plan for addressing the identified deficiencies acceptance committee (if any) and the documents confirming its implementation;
 - m) A notification of completion inspection and approval in the prescribed manner the control set of design documentation for mass production;
 - n) The proposed method and point of application of a single sign of products on the market states - members of the CU.
24. When deciding on a combination of acceptance and certification tests of the documents specified in paragraphs "b", "d", "and" - "l" paragraph 23 of this Article shall be submitted after acceptance testing and implementation of an action plan to address identified deficiencies.
25. For serial production with the application for certification by the applicant submitted to the certification body the following documentation:
- a) The product specification;
 - b) Design and technological documentation (to the extent agreed with the certification body);
 - c) Acceptance Protocol (qualification) tests;
 - g) A statement of the Qualification Commission, and in the case of initial certification - an act of acceptance commission;
 - d) A plan for addressing the identified deficiencies acceptance committee (if any) and the documents confirming its implementation;
 - e) Reports on periodic and standardized tests;
 - g) Profile for the assessment of production;
 - h) The volume of production;
 - i) Information on claims;
 - a) The proposed method and point of application of a single sign of products on the market states - members of the CU.
26. The documents referred to in paragraphs 23 and 25 of this article shall be documented with details of the applicant and certified by the identification number and signature of the applicant.

Copies of documentary evidence and certified stitched signature and seal of the applicant. If there is no firmware certified each page of the document. All evidentiary documents should be stored in appropriate cases in the certification body in accordance with the laws of - members of the CU.

27. Certification of products accounted for the results of acceptance and other tests, provided that they are conducted in accredited testing laboratories (centers) on the agreed with the certification program. In this case, the applicant must submit an application for certification prior to the test and submit the certification testing dates. About the beginning and during the test testing laboratory (center) shall inform the certification body. These tests may be included in the certification only if they result in product design and technology of its manufacture were not substantial changes requiring re-testing.

28. The certification body shall consider the application for certification and in a period not exceeding one month after receipt, notify the applicant of its decision.

29. The positive decision in respect of an application for certification must include the basic conditions of certification, including information:

- a) Certification scheme;
- b) On the date of certification;
- c) Of the regulations under which the certification is the product;
- d) An organization that will check the status of production, if it is provided by the certification scheme;
- d) Procedures for sampling products;
- e) On the procedure for testing of product samples;
- g) On the order of evaluation of the stability conditions of production;
- h) Criteria for the evaluation of conformity of production;
- i) On the conditions of inspection control.

30. The grounds for taking the certification body decision on rejection of certification are:

- a) Failure to submit or view does not fully documents referred to in paragraphs 22, 23 and 25 of this article;
- b) The unreliability of the information contained in the documents submitted.

31. When carrying out certification product identification and sampling of products carries the certification body. Sampling of products for testing shall be in accordance with the requirements set standards containing rules and methods (tests) and measurements, including the rules of sampling required for the application and enforcement of the technical regulations of the Customs Union and assessment (confirmation) of conformity of products list is approved by CCC.

Product samples are selected for testing shall be of the design, composition and manufacturing identical products for delivery to the customer (customer).

32. Sampling Act shall contain:

- a) The number and date of the act of sampling;
- b) The name and address of the organization, where sampling was carried out;
- c) The name of the product;
- g) Unit measurement values;
- e) The amount (volume) of the party from which the selection;
- e) The result of external examination Party (appearance, state of the packaging and labeling, certification assessment results indicators determined by visual inspection);
- g) The date of production of the party;
- h) Designation and name of the normative document according to which the sampled;
- i) The number and numbers of samples;
- a) A place of sampling;
- l) Documents the manufacturer of final acceptance of products;
- m) Details and signatures of the representatives of the certification body and the applicant.

33. To act sampling of products, which includes components that require conformity, is a list of certificates of conformity (conformity declaration) of individual components and the list of drawings on which they are made.

Selected samples of products labeled and sent for testing with a cover letter and the act of transmission. If necessary, sealing may be performed, as well as marking of individual components included in the selected product.

34. During the identification of the main characteristics of the samples compared to products specified in the application for certification, the actual characteristics given in the marking and documentation include:

- a) The name, type, model, and modification;
- b) The manufacturer's name or details on the origin of products;
- c) Document which is manufactured products;
- g) Indicators destination and other major indicators;
- d) Belonging to the respective party;
- e) Belonging to the respective manufacturing process.

35. Product conformity requirements hereof CU is set based on the results of the required types and categories of tests carried out in accredited testing laboratories (centers).

With mandatory conformity assessment limited production batch, except for units of rolling stock, as well as wheel sets and their parts, automatic couplers, bogie frames passenger cars, side frames and bolsters freight car bogies, protection devices for high voltage circuits, the certification body shall have the right along with other documents confirming conformity of production requirements hereof vehicle, take into consideration, the test products, conducted in third countries, provided that the tests were conducted to meet the requirements of the technical regulations and vehicle standards. If necessary, additional tests are conducted.

36. The test results prescription over 5 years for the purposes of certification of product samples are not considered.

37. Not subject to certification developed products specified in Annexes 2 and number 3, the design documentation which is assigned letter "O". For the rest of the products specified in Annexes 2 and number 3, a certificate of compliance with the requirements of these technical regulations vehicle is mandatory.

38. In the absence of an accredited testing laboratory (center) allowed testing for certification test laboratories (centers) accredited only for technical competence. Such tests are carried out under the control of the certification body. Objectivity of these tests along with test laboratory (center), only accredited for technical competence, provides certification body, charged that the testing laboratory (center) of their conduct.

39. The report shall include:

- a) The name and designation of the document, with the designation of the document is repeated on each page;
- b) The name and address of the accredited testing laboratory (center), information about its accreditation (number, date of issue and expiry of accreditation certificate);
- c) Information about the certification body, charged with carrying out the test;
- d) The name and address of the applicant;
- d) The identification (description, labeling), the results of identification, manufacturer and date of manufacture of the product;
- e) The date of receipt of products for testing;
- g) Verifiable indicators and their requirements, as well as information on regulations containing these requirements;
- h) Date of test;
- i) Information on the tests used in standard and non-standard methods and test procedures;
- k) Information on storage products to the test, environmental conditions, as well as the preparation of products for testing;
- l) Details of your own and leased test equipment and measuring instruments;
- m) Information on the tests carried out another accredited testing laboratory (center);
- n) The results of the test, if necessary supported by tables, graphs, photographs and other materials;
- a) A statement that the test report relates only to the samples tested;
- n) The evidentiary materials on the results, including raw data recorded in the form of tables and (or) schedule;
- p) The procedure for the processing of raw data showing all processing criteria and received intermediate data;
- c) The signature of the accredited testing laboratory (center), stamped by the organization;
- t) Signature and title of responsible persons who conducted the test;

- y) Signature and title of the person (s) responsible for the preparation of the test report on behalf of the accredited testing laboratory (center) (if necessary);
- f) The signature of the certification body - in the case of combining acceptance and certification tests, and when tested in accordance with paragraph 38 of this article;
- x) The date of issue of the test report (report);
- c) Information that the changes in the test report (report) is made in a separate document (appendix to the report, the new protocol supersedes and replaces the previous one);
- h) A statement that excludes the possibility of partial reprint of the test report.

40. To test protocol must be accompanied by a certified copy of the act of sampling and a copy of the readiness of the product for testing.

The test report shall not contain recommendations or suggestions arising from the results of tests.

41. The original test reports, drawn up in accordance with the requirements of paragraph 39 of this Article shall submit to the certification body in 2 copies (first sent in the case of certification, the second - the applicant). Copies of test reports shall be kept by accredited testing laboratory (center) is not less than the term of the certificate of conformity, unless otherwise prescribed by the relevant regulations and documents accredited testing laboratory (center).

42. Checking the production is carried out in order to establish the necessary conditions for the manufacture of products with stable characteristics, with verifiable certification.

43. Checking the status of the production must be carried out not earlier than 6 months before the date of issuance of the certificate of conformity, if this test is listed in the certification scheme.

44. Checking the production is carried out in respect of:

- a) Processes;
- b) The technical documentation;
- c) The means of technological equipment;
- d) Technological regimes;

- d) Management of technological equipment;
- e) Control metrology equipment;
- g) Testing and measurement techniques;
- h) Arrangements for control of raw materials and components;
- i) The order of the control product during its production;
- k) Control of nonconforming product;
- l) Order with reclamations.

45. The audit state production is drawn on the results of checking the status of production of certified products, which shall include:

- a) Test Results;
- b) Additional material used in checking the status of production;
- c) The overall assessment of production;
- g) The need for and timing of corrective actions.

46. Act on the results of checking the status of production of certified products is stored in the certification body, and a copy sent to the applicant.

47. The certification body after analyzing the test report (the report) and the results of checking the status of production (if it is established by the certification scheme and the contract) is preparing to issue a decision (refusal to grant) the certificate of conformity.

48. The grounds for taking the certification body decision to refuse to issue a certificate of compliance are:

- a) Non-conformance to the requirements hereof CU;
- b) A negative test result status of production (if it is established by the certification scheme);
- c) The presence of false information in the documents.

49. Based on the decision to issue a certificate of conformity certification body draws up a certificate of conformity, registers it in the Unified Register of issued certificates of conformity and registered declarations of conformity issued by a single form, in the prescribed manner and shall issue to the applicant. The certificate is valid only if there is a registration number.

50. Certificates of conformity shall enter into force on the date of registration in the Unified Register of issued certificates of conformity and registered declarations of conformity issued by a single form.

Certificate of compliance may have an application that contains a list of specific types and kinds of products to which it applies.

51. Certificate of conformity for products composed of components subject to mandatory conformity may be issued only if there are compliance certificates or declarations of conformity for these components. Attached to the certificate of conformity is a record of that product labeling single mark of products on the market states - members of the CU is only in the presence of conformity certificates or declarations of conformity to be mandatory conformity assessment components.

52. Prototypes of products that do not have a certificate of conformity or a declaration on the individual components, allowed to produce in controlled operation to obtain a certificate of conformity or a declaration on the individual components.

53. Changes to the structure (composition) of the products or the technology of its production, which may affect the conformity of production requirements hereof vehicle, the applicant shall notify in advance the certification body, which decides on the need for new tests or check the status of this production.

54. Operational documentation (manual, form, passport, label, and label) attached to the certified product, and shipping documentation must include the circulation of products on the market of the Member States CU record held certification, and registration number of the certificate form compliance, its registration number, date of issue and expiry.

55. The certificate of conformity at the request of the holder of the certificate of conformity may be extended for a period not exceeding one year for the completion of the re-certification in the absence of changes in the design and manufacture of products, complaints and claims from customers, as well as the positive results of the last surveillance.

56. Conformity certificate holder is authorized to issue certified copies of their certificate of conformity for use in the customs territory of the Customs Union.

57. Inspection control, if it is provided by the certification scheme, provides certification body conducted its certification. Inspection control is carried out in the form of periodic and unscheduled inspections which provide information about certified products in the form of test results and check the status of production, on compliance with the terms and conditions of the certificate of conformity and a single mark of products on the

market states - members of the CU in order to confirm that production for the duration of the certificate of compliance continues to comply with the requirements hereof vehicle.

58. The criteria for determining the frequency and scope of surveillance are:

- a) The extent of the potential hazard of products;
- b) The results of the certification of products;
- c) The stability of production;
- g) The volume of production;
- d) The availability of certified quality management system of production;
- e) The cost of inspection control.

59. The volume, frequency, content and procedure of inspection control established in the decision of the certification body to issue a certificate of conformity.

60. Unscheduled inspection control is carried out in the presence of information (supporting documents) the claims of product safety. This information can be obtained from consumers, as well as the bodies exercising state control (supervision) over the safety of the products to which the certificate of conformity issued. Scope of work at unscheduled inspection control products determined the need for verification processes associated with the detected shortcomings in security products, and conducted by the manufacturer at no cost.

61. Inspection control includes:

- a) Analysis of materials certification of products;
- b) Obtain and analyze information about certified products;
- c) Verification of compliance documents for certified products requirements hereof CU;
- g) The selection and identification of samples, testing samples and analysis of the results;
- d) Verification of the absence of inclusion in the design and manufacture of products recorded during the certification changes affecting the safety performance of products;
- e) Inspection of the production, if it is provided by the certification scheme;

- g) Verification of corrective actions to address previously identified gaps;
 - h) Checking the labeling and documentation mark of products on the market states - members of the CU;
 - i) Analysis of claims for certified products.
62. The content, scope and application of the tests during surveillance identify the certification authority for the inspection.
63. The results of the inspection control style act of inspection control.
- The act of conducting surveillance on the basis of work carried out in accordance with paragraph 62 of this article, it is concluded that the product under the requirements hereof CU stability of their performance and capabilities save the issued certificate of conformity or suspension (abolishing) the certificate of conformity
64. According to the results of the inspection control can be taken one of the following solutions:
- a) A certificate of compliance continues to operate if the products meet the requirements hereof CU;
 - b) The certificate of conformity is suspended if corrective actions by the applicant may remedy any identified causes inconsistencies production requirements hereof CU;
 - c) The certificate of conformity terminated if corrective actions by the applicant cannot eliminate the causes of discrepancies discovered product requirements hereof vehicle.
65. Termination of the certificate of conformity shall enter into force on the date of the relevant entry in the Unified Register of certificates of conformity issued and registered declarations of conformity issued by a single form.
66. The decision to suspend the certificate of conformity in the case of inability to conduct surveillance in certain periods due to the fault of the holder of the certificate of conformity certification body takes in the following cases:
- a) No holder of a certificate of conformity to conclude a contract with the certification body to conduct surveillance;
 - b) The holder of the certificate of compliance failure to pay under a contract with the certification body to conduct surveillance;
 - c) The failure of the holder of the certificate of conformity to create conditions (provide facilities necessary information in accordance with paragraph 61 of this article) for the staff of the certification body during the surveillance.

67. If the holder of the certificate of conformity does not produce certified products for a period exceeding six months, putting into circulation of products can be made only after an unscheduled inspection of the control.

68. In the case of suspension of the certificate of conformity:

a) The certification body:

Inform the authorities of the CU member performing the functions of control and supervision in the field of railway transport and interested organizations;

Set a deadline for corrective measures and monitors their implementation holder certificate of conformity;

b) The holder of the certificate of conformity:

Determines the number and location of products sent to customers with a deviation from the established requirements;

Inform consumers and other interested organizations to suspend the use of products and reports in order to correct the identified deficiencies;

Eliminates the shortcomings on the spot or return the product to ensure completion by the manufacturer.

69. Information about suspension or termination of the certificate of conformity, as well as the renewal of the certificate of conformity shall be communicated by the certification body to the attention of States - members of the CU, performing the functions of control and supervision in the field of railway transport and interested organizations.

70. Products, the certificate of conformity which has been discontinued, can be re-stated for certification by the applicant after the necessary corrective actions. During recertification certification body may take into account the positive results of the previous certification.

Article 7.

Marking a single sign of products on the market states - members of the CU

1. Products complying with safety requirements and have undergone conformity assessment pursuant to Article 6 of this technical regulation vehicle shall be marked with a mark of a single product on the market states - members of the CU.

2. Marking a single sign of products on the market states - members of the CU implemented before its release into circulation on the market.

3. Single sign of products on the market states - members of the CU is applied to each unit of production.

Single sign of products on the market states - members of the CU is applied to the product itself, as well as provided in the annexed operational documents.

Single sign of products on the market of the Customs Union member applied in any manner providing crisp and clear images during the lifetime of the product.

4. Allowed to apply a single mark of products on the market states - members of the CU only on the packaging and instruction in the annexed operational documents, if it cannot be applied directly to the product due to the peculiarities of its design.

5. Product labeling a single sign of products on the market states - members of the CU indicates that it complies with all technical regulations vehicle applicable to products and providing for the application of a single mark of products on the market states - members of the CU.

Article 8.

Safeguard clause

1. States - CU members are obliged to take all measures to limit, ban products into circulation in the customs territory of the CU, and withdrawal from the market of products posing a danger to human life and health, property.

2. Competent authority of a Member State of the Customs Union shall notify the Commission and the competent authorities of other countries - members of the Customs Union of the decision stating the reasons of this decision and the provision of evidence, explaining the need for the measure.

3. Basis for the application of Article protection may include the following cases:

Failure to comply with Article 4 of this technical regulation CU;

Incorrect application of the present inter-vehicle technical regulations standards referred to in Article 5 of this technical regulation CU if these standards have been applied;

Failure to comply with the rules set out in Article 6 of this technical regulation CU;

Implementation of mandatory conformity assessment bodies not included in the Unified Register of certification bodies and testing laboratories (centers) vehicle or fails to meet the criteria;

Other reasons for the ban of output in market circulation.

4. If the competent authorities of other countries - members of the CU protest against referred to in paragraph 1 of this Article the decision, the CCC shall immediately consult with the competent authorities of all states - members of the CU for making a mutually acceptable solution.

Appendix № 1 to Technical Regulations
CU "On the safety of railway rolling stock"

List of
Railway rolling stock and their parts
I. Railway rolling stock

		(HS Code)
1.	Cars of the bunker type	8606
2.	Wagons isothermal	8606 91
	Covered wagons	8606
4.	Passenger cars mainline locomotive traction	86
5.	Dump cars	86
6.	Wagons	8606 10 000
7.	Wagons of broad gauge for the industry	86

		8602
		8603
		8605 00 000
		8606
8.	Diesel trains, railcars (rail buses), their cars	
9.	Diesel-electric, their cars	86
10.	Platforms	8606
11.	Gondola	8606
12.	Special self-propelled rolling stock	8604
13.	Special self-propelled rolling stock	8604
14.	Diesel, gas turbine: Trunk, shunting and industrial	8602
15.	Rail transporters	8606

16.	Electric Trunk: DC, AC, two-system (AC and DC), other	8601
17.	Trains: DC, AC, two-system (AC and DC), their cars	8601
		8603
		8605 00 000
		8606

II. Constituent parts of the rolling stock

		HS CODE
1	Automatic regulator brake rigging (avtoregulyator)	8607
2	Automatic parking brake of railway rolling stock	8607
3	Apparatus high protection and control of railway rolling stock from short circuit currents	8535
4	Beam bolster wagon	8607
5	Bandages for railway rolling stock	8607

6	Brake shoes magnitorelsovogo	8607
7	Shoes, brake pad of railway rolling stock	8607
8	Shoes brake pads disc brakes of railway rolling stock	8607
9	Lock brakes	8607
10	Valve arresters and surge arresters for electric rolling stock	8535
11	Diffusers	8607
12	Auxiliary electrical machines for rail rolling stock (1 kW)	8501
13	Speed automatic circuit and main switches for electric rolling stock	8535
14	High hardware boxes for passenger cars	85
15	High inter-vehicle connection (plug and socket together)	8535
16	High-glazing products safe railway rolling stock (cab traction and multiple units)	7007
		7007 11 100
		7007 21
		7007 29

		7008 00
17	Hydraulic dampers railway rolling stock	8607
18	Brake discs for railway rolling stock	8607
19	Rubber seal for brake pneumatic systems of rolling stock (aperture, cuffs, collars, valve seals, gaskets)	4016
20	Driveshafts main drive locomotives and diesel - trains, rail buses, diesel - electric	8483
21	Traction wedge clamp coupler	73
22	Compressors for railway rolling stock	8607
23	Gear wheels cylindrical gear traction rolling stock	8607
24	Wheels composite finishing locomotives and multiple units	8607
25	Solid wheels for railway rolling stock	8607
26	Wheel sets carload	8607
27	Wheel sets locomotive and railcar rolling stock	8607
28	Wheel sets for special railway rolling stock	8607
29	Composite brake pads for railway rolling stock	8607

30	Brake components (cast-composite) for railway rolling stock	8607
31	Cast iron brake pads for railway rolling stock	8607
32	Contactors and electromagnetic high electro	8535
33	Coupler body	8607
34	Driver's seat for locomotives, multiple units and special rolling stock	9401
35	Armchairs passenger railcar rolling stock and passenger carriages locomotive traction	9401
36	Body locomotives and multiple units	86 07 91
37	Disc brake mechanism tick	8607
38	Disc brake pads	8607
39	Axis carload finishing	8607
40	Axle locomotive and railcar rolling finishing	8607
41	Axis finishing for special railway rolling stock	8607
42	Axes rough for railway rolling stock	8607
43	Hydraulic transmission for locomotives and diesel trains	8412

44	Front and rear stops coupler	8607
45	Switches and disconnectors for high rolling stock	85
46	The draft gear coupler	86
47	Roller bearings for axle boxes of railway rolling stock	8482
48	High-voltage fuses for railway rolling stock	85
49	Static converters and traction not traction rolling stock	85
50	Dynamoelectric converters for railway rolling stock	8501
51	Drive magnitorelsovogo brakes	8607
52	Protivoyuznoe unit of railway rolling stock	85
53	Spring spring suspension of railway rolling stock	7320
54	Disconnecting devices, short separators, earth high for locomotives and multiple units	85
55	Lateral frame freight car bogie	8607
56	Passenger car bogie frame	8607
57	Reactors and equipment for electric locomotives and trains	85

58	Air tanks for railways wagons avtotormozov	73 7310
59	Air tanks for traction rolling stock	73 7310
60	Rubber-cord shell electric traction drive clutch	40 8443
61	Resistors launchers, electric brake, damping	85
62	Electromagnetic relays and electronic: intermediate, DC, including differential, voltage, time, overload relay non-electrical sensors monitoring parameters (temperature, pressure, level);	8535
63	Leaf-springs for railway rolling stock	7320
64	Connecting sleeves for brakes of railway rolling stock	4009
65	Wipers for locomotives, multiple units and self-propelled rolling stock	84 79 89 970 9
66	Couplers, including automatic coupler	8607
67	Biaxial carriages for freight wagons	8607
68	Bogie passenger cars and trailer railcar rolling stock	8607
69	Typhon for locomotives and multiple units	83 06 10 000 0
70	Driver brake valves	8607

71	Triangel brake rigging freight car bogies mainline railways	8607
72	Traction motors for locomotives and trains	8501
73	Traction clamp coupler	73 86
74	Automatic device controlling brake force depending on load (Auto)	85
75	Device management, monitoring and security software for railway rolling stock	85
76	Rolled disc wheel centers for railway rolling stock	8607
77	Alloy wheel centers for railway rolling stock (casting, finishing)	8607
78	Brake cylinders for railway rolling stock	8607
79	Checks of brake pads for cars mainline railways	8607
80	Electric motors and generators main drive and traction equipment for locomotives	8501
81	Electrocalorifiers for heating systems and electric passenger cars	8516
82	High heaters for hydronic heating systems of passenger cars	85
83	Electrical equipment for locomotives, diesel trains, rail buses and railcars	85
84	Low-voltage electrical equipment for railway rolling stock: low voltage controllers; switches; relays	85

	electromagnetic (protection, intermediate, and differential time)	
85	Electrical equipment of passenger cars; electric	85
86	Electric heating systems for passenger cars and trains	85
87	Lighting elements of passenger cars	85

Appendix number 2 to
Technical Regulations CU
"On the safety of railway
rolling stock"

**List
of rolling stock to be certified**

		HS CODE
1.	Cars of the bunker type	8606
2.	Wagons isothermal	8606 91
3.	Covered wagons	8606
4.	Passenger cars mainline locomotive traction	86

5.	Dump cars	86
6.	Wagons	8606 10 000
7.	Wagons of broad gauge for the industry	86
8.	Diesel trains, railcars (rail buses), their cars	8602 8603 8605 00 000 8606
9.	Diesel-electric, their cars	86
10.	Platforms	8606
11.	Gondola	8606
12.	Special self-propelled rolling stock	8604
13.	Special self-propelled rolling stock	8604
14.	Diesel, gas turbine: Trunk, shunting and industrial	8602
15.	Rail transporters	8606

16.	Electric Trunk: DC, AC, two-system (AC and DC), other	8601
17.	Trains: DC, AC, two-system (AC and DC), their cars	8601
		8603
		8605 00 000
		8606

Application number 3 to
 Technical Regulations CU
 "On the safety of railway
 rolling stock"

**List
 the components of railway rolling stock,
 subject to certification**

		HS CODE
1	Apparatus high protection and control of railway rolling stock from short circuit currents	8535
2	Beam bolster wagon	8607
3	Bandages for railway rolling stock	8607

4	Valve arresters and surge arresters for electric rolling stock	8535
5	Diffusers	8607
6	Speed automatic circuit and main switches for electric rolling stock	8535
7	High-glazing products safe railway rolling stock (cab traction and multiple units)	7007 7007 11 100 7007 21 7007 29 7008 00
8	Brake discs for railway rolling stock	8607
9	Compressors for railway rolling stock	8607
10	Gear wheels cylindrical gear traction rolling stock	8607
11	Wheels composite finishing locomotives and multiple units	8607
12	Solid wheels for railway rolling stock	8607
13	Wheel sets carload	8607

14	Wheel sets locomotive and railcar rolling stock	8607
15	Wheel sets for special railway rolling stock	8607
16	Composite brake pads for railway rolling stock	8607
17	Brake components (cast-composite) for railway rolling stock	8607
18	Cast iron brake pads for railway rolling stock	8607
19	Contactors and electromagnetic high electro	8535
20	Coupler body	8607
21	Disc brake mechanism tick	8607
22	Disc brake pads	8607
23	Axis carload finishing	8607
24	Axle locomotive and railcar rolling finishing	8607
25	Axis finishing for special railway rolling stock	8607
26	Axes rough for railway rolling stock	8607
27	The draft gear coupler	86

28	Roller bearings for axle boxes of railway rolling stock	8482
29	Static converters and traction not traction rolling stock	85
30	Spring suspension of railway rolling stock	7320
31	Lateral frame freight car bogie	8607
32	Rubber-cord shell electric traction drive clutch	40 ----- 8443
33	Couplers, including automatic coupler	8607
34	Biaxial carriages for freight wagons	8607
35	Bogie passenger cars and trailer railcar rolling stock	8607
36	Driver brake valves	8607
37	Traction motors for locomotives and trains	8501
38	Traction clamp coupler	73 ----- 86
39	Rolled disc wheel centers for railway rolling stock	8607

40	Alloy wheel centers for railway rolling stock (casting, finishing)	8607
41	Electric motors and generators main drive and traction equipment for locomotives	8501
42	Electrocalorifiers for heating systems and electric passenger cars	8516
43	High heaters for hydronic heating systems of passenger cars	85
44	Electric heating systems for passenger cars and trains	85

Application number

4 to Technical Regulations
CU "On the safety of railway
rolling stock"

List

**the components of railway rolling stock, subject
to declaration of conformity based on their own evidence and
dokazatelstv obtained with the participation of the certification body and
(or) accredited testing laboratory (center)**

		HS CODE
1	Automatic parking brake of railway rolling stock	8607
2	Brake shoes magnitorelsovogo	8607

3	Auxiliary electrical machines for rail rolling stock (1 kW)	8501
4	High inter-vehicle connection (plug and socket together)	8535
5	Hydraulic dampers railway rolling stock	8607
6	Rubber seal for brake pneumatic systems of rolling stock (aperture, cuffs, collars, valve seals, gaskets)	4016
7	Driveshafts main drive locomotives and diesel trains, rail buses, diesel-electric	8483
8	Traction wedge clamp coupler	73
9	Driver's seat for locomotives, multiple units and special rolling stock	9401
10	Armchairs passenger railcar rolling stock and passenger carriages locomotive traction	9401
11	Body locomotives and multiple units	86 07 91
12	Hydraulic transmission for locomotives and diesel trains	8412
13	Switches and disconnectors for high rolling stock	85
14	High-voltage fuses for railway rolling stock	85
15	Dynamoelectric converters for railway rolling stock	8501
16	Drive magnitorelsovogo brakes	8607

17	Disconnecting devices, short separators, earth high for locomotives and multiple units	85
18	Passenger car bogie frame	8607
19	Reactors and equipment for electric locomotives and trains	85
20	Air tanks for railways wagons avtotormozov	73 7310
21	Air tanks for traction rolling stock	73 7310
22	Resistors launchers, electric brake, damping	85
23	Electromagnetic relays and electronic: intermediate, DC, including differential, voltage, time, overload relay non-electrical sensors monitoring parameters (temperature, pressure, level);	8535
24	Leaf-springs for railway rolling stock	7320
25	Connecting sleeves for brakes of railway rolling stock	4009
26	Typhon for locomotives and multiple units	83 06 10 000 0
27	Triangel brake rigging freight car bogies mainline railways	8607

28	Device management, monitoring and security software for railway rolling stock	85
29	Brake cylinders for railway rolling stock	8607
30	Electrical equipment for locomotives, diesel trains, rail buses and railcars	85
31	Low-voltage electrical equipment for railway rolling stock: low voltage controllers; switches; relays electromagnetic (protection, intermediate, and differential time)	85
32	Electrical equipment of passenger cars; electric	85

Application number 5 to
Technical Regulations CU
"On the safety of railway
rolling stock"

List

The components of railway rolling stock, subject to declaration of conformity based on their own evidence

		HS CODE
1	Automatic regulator brake rigging (avtoregulyator)	8607
2	Shoes, brake pad of railway rolling stock	8607

3	Shoes brake pads disc brakes of railway rolling stock	8607
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GLOBAL EXPERT GROUP

4	Lock brakes	8607
5	High hardware boxes for passenger cars	85
6	Front and rear stops coupler	8607
7	Protivoyuznoe unit of railway rolling stock	85
8	Wipers for locomotives, self-propelled multiple units and	84 79 89 970 9
9	Automatic device controlling brake force depending on load (Auto)	85
10	Checks of brake pads for cars mainline railways	8607
11	Lighting elements of passenger cars	85

Application number 6 to
 Technical Regulations CU
 "On the safety of railway
 rolling stock"

**List of
Product certification schemes**

Symbol	The content of the symbol	Artists	Sphere of application
1c	research, test and measurement (hereinafter - test) sample of the product	accredited testing laboratory (center)	used in a limited, pre-specified volume of products to be supplied (implemented) for a short period of time in separate batches as their serial production (for products imported into the common customs territory of the Customs Union - with short-term contracts, for products manufactured on a single customs territory of the Customs Union - with limited release). The certificate of conformity is 1 year
	issue to the applicant a certificate of conformity for manufactured for a limited time a predetermined quantity of products, in the case of a positive test result	Certification Body	
2c	testing standard sample products	accredited testing laboratory (center)	Used for serial production on the basis of checking the status of production and prototype test products in an accredited testing laboratory (center). Certificate of Compliance issued for 1 year
	check the status of the production holding	Certification Body	
	issue to the applicant a certificate of	Certification	

	conformity for all serial products in case of positive test results and check the status of production	Body	
3c	testing standard sample products issue to the applicant a certificate of conformity for the serial products in the case of positive test results	accredited testing laboratory (center) Certification Body	Used for serial production. Certificate of Compliance is issued for a period not exceeding 3 years
	implementation of surveillance at intervals of not more than 1 time per year by sample tests by accredited testing laboratory (center)	Certification Body	
	suspension or termination of the certificate of conformity for a negative result of the inspection control	Certification Body	
4c	testing standard sample products	accredited	Used for serial production. Certificate of Compliance issued for a period not

		testing laboratory (center)	exceeding 5 years
	check the status of the production holding	Certification Body	
	issuance of a certificate of conformity to the applicant in case of positive test results and check the status of production	Certification Body	
	implementation of surveillance at intervals of not more than 1 time per year by sample tests by accredited testing laboratory (center)	Certification Body	
	suspension or termination of the certificate of conformity for a negative result of the inspection control	Certification Body	
5c	testing standard sample products	accredited testing	used for serial production in the following cases: the real product samples sample size is insufficient for an objective assessment of products during the test;

		laboratory (center)	
	certification of the quality management system or production	Certification Body	
	issuance of a certificate of conformity to the applicant in case of positive test results and quality management system certification or production	Certification Body	Technological production processes sensitive to external factors; set higher requirements on the stability of the product characteristics; frequent change of product modifications; tests could be conducted only after the installation of the product by the consumer. Certificate of Compliance issued for a period not exceeding 5 years
	implementation of surveillance at intervals of not more than 1 time per year by sample tests by accredited testing laboratory (center)	Certification Body	
	suspension or termination of the certificate of conformity for a negative result of the inspection control	Certification Body	
6c *	testing sample (s) of products selected from the submitted batch of	accredited testing	Used for the production batch. The certificate of conformity applies to the stated quantity of products.

	product certification	laboratory (center)	
	issuance of a certificate of conformity to the applicant submitted for certification batch of products in case of a positive test result	Certification Body	
7c *	testing of each item	accredited testing laboratory (center)	Recommended in the case of one-off production or sale of the relevant products (single product). The certificate of conformity applies to the stated number of products.
	issue to the applicant a certificate of conformity to the unit in case of a positive test result	Certification Body	

Application number 7 to Technical
Regulations CU
"On the safety of railway
rolling stock"

**List of
Certain Provisions of technical regulations
CU**

**"On the safety of railway rolling stock ", used for the certification of
railway rolling stock**

	Railway rolling stock	Designation section, paragraph and subparagraph of technical regulations on vehicle safety of railway rolling stock
1.	Cars of the bunker type	Article 4: 4, 5a, 5b, 5c, 5d, 5e, 5f, 5g, 5h, 5i, 5k, 5l, 5m, 5p, 5s, 5t, 5F, 5x 5ts, 5SH, 7, 12, 13, 22 , 46, 47, 49 *, 50, 54, 55, 58, 59, 60, 61, 62, 63, 94, 96, 99
2.	Wagons isothermal	Article 4: 4, 5a, 5b, 5c, 5d, 5e, 5f, 5g, 5h, 5i, 5k, 5l, 5m, 5n, 5o, 5p, 5s, 5t, 5u, 5F, 5x 5ts, 5SH , 5sch, 7, 12, 13, 15, 22, 23, 24, 25, 27, 28, 42 *, 43 *, 44 *, 45, 46, 47, 48 *, 49 *, 50, 51 *, 54 , 55, 58, 59, 60, 61, 62, 63, 64 *, 66 *, 69, 71, 72, 73 *, 74, 75 *, 76 *, 77 *, 79 *, 85 *, 86, 94 96 * 99
3.	Covered wagons	Article 4: 4, 5a, 5b, 5c, 5d, 5e, 5f, 5g, 5h, 5i, 5k, 5l, 5m, 5p, 5s, 5t, 5F, 5x 5ts, 5SH, 7, 12, 13, 22 , 46, 47, 49 *, 50, 54, 55, 58, 59, 60, 61, 62, 63, 94, 97, 99
4.	Passenger cars mainline locomotive traction	Article 4: 4, 5a, 5b, 5c, 5d, 5e, 5f, 5g, 5h, 5i, 5k, 5l, 5m, 5n, 5o, 5p, 5s, 5t, 5u, 5F, 5x 5ts, 5SH , 5sch, 7, 9, 12, 13, 15, 22, 23, 24, 25, 27, 28, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 53, 55, 56 , 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 69, 71, 72, 73, 74, 75, 76, 81, 82, 87, 88, 89, 91, 93, 99
5.	Cars - trucks	Article 4: 4, 5a, 5b, 5c, 5d, 5e, 5f, 5g, 5h, 5i, 5k, 5l, 5m, 5p, 5s, 5t, 5F, 5x 5ts, 5SH, 7, 12, 13, 22 , 46, 47, 49 *, 50, 54, 55, 58, 59, 60, 61, 62, 63, 94, 99
6.	Wagons - tank	Article 4: 4, 5a, 5b, 5c, 5d, 5e, 5f, 5g, 5h, 5i, 5k, 5l, 5m, 5p, 5s, 5t, 5F, 5x 5ts, 5SH, 7, 12, 13, 22 , 46, 47, 49 *, 50, 54, 55, 58, 59, 60, 61, 62, 63, 94, 98, 99

7.	Wagons of broad gauge for the industry	Article 4: 4, 5a, 5b, 5c, 5d, 5e, 5f, 5g, 5h, 5i, 5k, 5l, 5m, 5p, 5s, 5t, 5F, 5x 5ts, 5SH, 7, 12, 13, 22 , 46, 47, 49 *, 50, 54, 55, 58, 59, 60, 61, 62, 63, 94, 99
8.	Diesel - trains, railcars (rail buses), their cars	Article 4: 4, 5a, 5b, 5c, 5d, 5e, 5f, 5g, 5h, 5i, 5k, 5l, 5m, 5n, 5o, 5p, 5s, 5t, 5y, 5x 5ts, 5SH, 5sch 7, 8, 9, 12, 13, 15, 22, 23, 24, 25, 27, 28, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48 , 49, 50, 51, 52 *, 55, 56, 58, 59, 60, 61, 62, 63, 64, 65, 67, 69, 71, 72, 73, 74, 75, 76, 77, 79, 83, 84, 87, 88, 89, 90, 91, 92, 93, 95, 96, 99
9.	Diesel - electric, their cars	Article 4: 4, 5a, 5b, 5c, 5d, 5e, 5f, 5g, 5h, 5i, 5k, 5l, 5m, 5n, 5o, 5p, 5s, 5t, 5y, 5x 5ts, 5SH, 5sch 7, 8, 9, 12, 13, 15, 22, 23, 24, 25, 27, 28, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48 , 49, 50, 51, 52 *, 55, 56, 58, 59, 60, 61, 62, 63, 64, 65, 67, 69, 71, 72, 73, 74, 75, 76, 77, 79, 83, 84, 87, 88, 89, 90, 91, 92, 93, 95, 96, 99
10.	Platforms	Article 4: 4, 5a, 5b, 5c, 5d, 5e, 5f, 5g, 5h, 5i, 5k, 5l, 5m, 5p, 5s, 5t, 5F, 5x 5ts, 5SH, 7, 12, 13, 22 , 46, 47, 49 *, 50, 54, 55, 58, 59, 60, 61, 62, 63, 94, 99
11.	Gondola	Article 4: 4, 5a, 5b, 5c, 5d, 5e, 5f, 5g, 5h, 5i, 5k, 5l, 5m, 5p, 5s, 5t, 5F, 5x 5ts, 5SH, 7, 12, 13, 22 , 46, 47, 49 *, 50, 54, 55, 58, 59, 60, 61, 62, 63, 94, 99
12.	Special self-propelled rolling stock	Article 4: 4, 5a, 5b, 5c, 5d, 5e, 5f, 5g, 5h, 5i, 5k, 5l, 5m, 5p, 5s, 5t, 5F, 5x 5ts, 5SH, 7, 12, 13, 15 , 22, 23, 24, 25, 27, 28, 44 *, 45 *, 46 *, 47 *, 49 *, 50, 51 *, 55, 58, 59, 60, 61, 62, 63, 64, 69 *, 72 *, 73 *, 74 *, 75 *, 76, 99
13.	Special self-propelled rolling stock	Article 4: 4, 5a, 5b, 5c, 5d, 5e, 5f, 5g, 5h, 5i, 5k, 5l, 5m, 5n, 5o, 5p, 5s, 5t, 5y, 5x 5ts, 5SH, 5sch , 7, 9, 12, 13, 15, 22, 23, 24, 25, 27, 28, 29, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48 *, 49 50, 51, 55, 58, 59, 60, 61, 62, 63, 64, 69, 72, 73, 74, 75, 76, 77, 79, 92, 95, 96, 99

14.	Diesel, gas turbine: Trunk, shunting and industrial	Article 4: 4, 5a, 5b, 5c, 5d, 5e, 5f, 5g, 5h, 5i, 5k, 5l, 5m, 5n, 5o, 5p, 5p, 5s, 5t, 5y, 5x 5ts, 5SH, 5sch , 7, 9, 12, 13, 15, 22, 23, 24, 25, 27, 28, 29, 30, 31, 32, 33, 34, 35, 37, 38, 39, 40, 41, 42, 43 , 44, 45, 46, 47, 49, 50, 51, 52 *, 55, 58, 59, 60, 61, 62, 63, 64, 68 * 69, 70 *, 71, 72, 73, 74, 75, 76, 77, 78 *, 79, 80, 92, 95, 96, 99
15.	Rail transporters	Article 4: 4, 5a, 5b, 5c, 5d, 5e, 5f, 5g, 5h, 5i, 5k, 5l, 5m, 5p, 5s, 5t, 5F, 5x 5ts, 5SH, 7, 12, 13, 22 , 46, 47, 49 *, 50, 54, 55, 58, 59, 60, 61, 62, 63, 94, 99
16.	Electric Trunk: DC, AC, two-system (AC and DC), other	Article 4: 4, 5a, 5b, 5c, 5d, 5e, 5f, 5g, 5h, 5i, 5k, 5l, 5m, 5n, 5o, 5p, 5p, 5s, 5t, 5y, 5x 5ts, 5SH, 5sch , 7, 9, 12, 13, 15, 22, 23, 24, 25, 27, 28, 29, 30, 31, 32, 33, 34, 35, 37, 38, 39, 40, 41, 42, 43 , 44, 45, 46, 47, 49, 50, 51, 52 *, 55, 58, 59, 60, 61, 62, 63, 64, 68 * 69, 70 *, 71, 72, 73, 74, 75, 76, 78 *, 92, 93, 95, 99
17.	Trains: DC, AC, two-system (AC and DC), their cars	Article 4: 4, 5a, 5b, 5c, 5d, 5e, 5f, 5g, 5h, 5i, 5k, 5l, 5m, 5n, 5o, 5p, 5p, 5s, 5t, 5y, 5x 5ts, 5SH, 5sch 7, 8, 9, 12, 13, 15, 22, 23, 24, 25, 27, 28, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 67, 48 , 49, 50, 51, 52 *, 55, 56, 58, 59, 60, 61, 62, 63, 64, 65, 67, 69, 71, 72, 73, 74, 75, 76, 83, 84, 87, 88, 89, 90, 91, 92, 93, 95, 99

* - Indicator is checked if the equipment is installed on railway rolling stock.

Application number 8
to Technical Regulations CU "On the
safety of railway rolling stock"

List of
Certain Provisions of technical regulations vehicle safety
rolling stock used in mandatory
conformity assessment components of railway rolling stock composition

	Constituent parts of the rolling stock	Designation section, paragraph and subparagraph of technical regulations on vehicle safety of railway rolling stock
1	Automatic regulator brake rigging (avtoregulyator)	Article 4: 5b, 7, 12, 14, 54, 99
2	Automatic parking brake of railway rolling stock	Article 4: 5b, 7, 12, 14, 49, 99
3	Apparatus high protection and control of railway rolling stock from short circuit currents	Article 4: 5b, 5c, 5n, 5o, 5u, 7, 12, 14, 74, 99
4	Beam bolster wagon	Section 4: 4, 5b, 5p, 5s, 5t, 7, 12, 14, 17, 18, 99
5	Bandages for railway rolling stock	Section 4: 4, 5b, 5p, 5s, 5t, 7, 12, 14, 56, 98
6	Brake shoes magnitorelsovogo	Article 4: 5b, 7, 12, 14, 99
7	Shoes, brake pad of railway rolling stock	Article 4: 5b, 7, 12, 14, 99
8	Shoes brake pads disc brakes of railway rolling stock	Article 4: 5b, 7, 12, 14, 99

9	Lock brakes	Article 4: 5b, 7, 12, 14, 99
10	Valve arresters and surge arresters for electric rolling stock	Article 4: 5b, 5c, 5n, 5o, 5u, 7, 12, 14, 73, 99
11	Diffusers	Article 4: 5b, 7, 12, 14, 53, 99
12	Auxiliary electrical machines for rail rolling stock (1 kW)	Article 4: 5b, 5c, 5n, 5o, 5u, 5sch, 7, 12, 14, 74, 99
13	Speed automatic circuit and main switches for electric rolling stock	Article 4: 5b, 5c, 5n, 5o, 5u, 7, 12, 14, 99
14	High hardware boxes for passenger cars	Article 4: 5b, 5c, 5n, 5o, 5u, 5sch, 7, 12, 14, 74, 98
15	High inter-vehicle connection (plug and socket together)	Article 4: 5b, 5u, 7, 12, 14, 99
16	High-glazing products safe railway rolling stock (cab traction and multiple units)	Section 4: 4, 5b, 7, 12, 14, 19, 44, 99
17	Hydraulic dampers railway rolling stock	Section 4: 4, 5b, 7, 12, 14, 99
18	Brake discs for railway rolling stock	Article 4: 5b, 7, 12, 14, 99
19	Rubber seal for brake pneumatic systems of rolling stock (aperture, cuffs, collars, valve seals, gaskets)	Article 4: 5b, 7, 12, 14, 54, 99
20	Driveshafts main drive locomotives and diesel trains, rail buses, diesel-electric	Section 4: 4, 5b, 5p, 5s, 5t, 7, 12, 14, 99

21	Traction wedge clamp coupler	Section 4: 4, 5b, 5g, 7, 12, 14, 99
22	Compressors for railway rolling stock	Article 4: 5b, 7, 12, 14, 99
23	Gear wheels cylindrical gear traction rolling stock	Section 4: 4, 5b, 5p, 5s, 5t, 7, 12, 14, 99
24	Wheels composite finishing locomotives and multiple units	Section 4: 4, 5b, 5c, 5p, 5s, 5t, 7, 12, 14, 57, 99
25	Solid wheels for railway rolling stock	Section 4: 4, 5b, 5c, 5p, 5s, 5t, 7, 12, 14, 57, 99
26	Wheel sets carload	Section 4: 4, 5a, 5b, 5c, 5p, 5s, 5t, 7, 12, 14, 16, 57, 99
27	Wheel sets locomotive and railcar rolling stock	Section 4: 4, 5a, 5b, 5c, 5p, 5s, 5t, 7, 12, 14, 16, 57, 99
28	Wheel sets for special railway rolling stock	Section 4: 4, 5a, 5b, 5c, 5p, 5s, 5t, 7, 12, 14, 16, 57, 99
29	Composite brake pads for railway rolling stock	Article 4: 5b, 7, 12, 14, 99
30	Brake components (cast-composite) for railway rolling stock	Article 4: 5b, 7, 12, 14, 99
31	Cast iron brake pads for railway rolling stock	Article 4: 5b, 7, 12, 14, 99
32	Contactors and electromagnetic high electro	Article 4: 5b, 5n, 5o, 5u, 7, 12, 14, 99
33	Coupler body	Section 4: 4, 5b, 5g, 7, 12, 14, 99
34	Driver's seat for locomotives, multiple units and special rolling stock	Article 4: 5b, 5p, 7, 12, 14, 64, 67, 99

35	Armchairs passenger railcar rolling stock and passenger carriages locomotive traction	Article 4: 5b, 5p, 7, 12, 14, 64, 67, 99
36	Body locomotives and multiple units	Section 4: 4, 5a, 5b, 5g, 5p, 5s, 5t, 7, 12, 14, 99
37	Disc brake mechanism tick	Article 4: 5b, 7, 12, 14, 99
38	Disc brake pads	Article 4: 5b, 7, 12, 14, 99
39	Axis carload finishing	Section 4: 4, 5b, 5p, 5s, 5t, 7, 12, 14, 16, 57, 99
40	Axle locomotive and railcar rolling finishing	Section 4: 4, 5b, 5p, 5s, 5t, 7, 12, 14, 16, 57, 99
41	Axis finishing for special railway rolling stock	Section 4: 4, 5b, 5p, 5s, 5t, 7, 12, 14, 16, 57, 99
42	Axes rough for railway rolling stock	Section 4: 4, 5b, 5p, 5s, 5t, 7, 12, 14, 16, 57, 99
43	Hydraulic transmission for locomotives and diesel - trains	Section 4: 4, 5b, 7, 12, 14, 99
44	Front and rear stops coupler	Section 4: 4, 5b, 5g, 7, 12, 14, 99
45	Switches and disconnectors for high rolling stock	Article 4: 5b, 5u, 7, 12, 14, 99
46	The draft gear coupler	Section 4: 4, 5b, 5g, 7, 12, 14, 99
47	Roller bearings for axle boxes of railway rolling stock	Section 4: 4, 5b, 5p, 5s, 5t, 7, 12, 14, 99

48	High-voltage fuses for railway rolling stock	Article 4: 5b, 5u, 7, 12, 14, 99
49	Static converters and traction not traction rolling stock	Article 4: 5b, 5c, 5n, 5o, 5u, 5sch, 7, 12, 14, 74, 99
50	Dynamoelectric converters for railway rolling stock	Article 4: 5b, 5c, 5n, 5o, 5u, 5sch, 7, 12, 14, 74, 99
51	Drive magnitorelsovogo brakes	Article 4: 5b, 5n, 5o, 5u, 7, 12, 14, 74, 99
52	Protivoyuznoe unit of railway rolling stock	Article 4: 5b, 5n, 5o, 5u, 7, 12, 14, 74, 99
53	Spring spring suspension of railway rolling stock	Section 4: 4, 5b, 5p, 5s, 5t, 7, 12, 14, 99
54	Disconnecting devices, short separators, earth high for locomotives and multiple units	Article 4: 5b, 5u, 7, 12, 14, 99
55	Lateral frame freight car bogie	Section 4: 4, 5b, 5p, 5s, 5t, 7, 12, 14, 17, 18, 99
56	Passenger car bogie frame	Section 4: 4, 5b, 5p, 5s, 5t, 7, 12, 14, 99
57	Reactors and equipment for electric locomotives and trains	Article 4: 5b, 5n, 5o, 5u, 5sch, 7, 12, 14, 74, 99
58	Air tanks for railways wagons avtotormozov	Article 4: 5b, 7, 12, 14, 54, 99
59	Air tanks for traction rolling stock	Article 4: 5b, 7, 12, 14, 54, 99
60	Rubber-cord shell electric traction drive clutch	Section 4: 4, 5b, 7, 12, 14, 99

61	Resistors launchers, electric brake, damping	Article 4: 5b, 5u, 7, 12, 14, 99
62	Electromagnetic relays and electronic: intermediate, DC, including differential, voltage, time, overload relay non-electrical sensors monitoring parameters (temperature, pressure, level);	Article 4: 5b, 5c, 5n, 5o, 5u, 7, 12, 14, 99
63	Leaf-springs for railway rolling stock	Section 4: 4, 5b, 5p, 5s, 5t, 7, 12, 14, 99
64	Connecting sleeves for brakes of railway rolling stock	Article 4: 5b, 7, 12, 14, 99
65	Wipers for locomotives, self-propelled multiple units and	Section 4: 4, 5b, 7, 12, 14, 99
66	Couplers, including automatic coupler	Section 4: 4, 5b, 5g, 7, 12, 14, 55, 99
67	Biaxial carriages for freight wagons	Section 4: 4, 5a, 5b, 5p, 5s, 5t, 7, 12, 14, 99
68	Bogie passenger cars and trailer railcar rolling stock	Section 4: 4, 5a, 5b, 5p, 5s, 5t, 7, 12, 14, 99
69	Typhon for locomotives and multiple units	Article 4: 5b, 7, 12, 14, 59, 99
70	Driver brake valves	Article 4: 5b, 7, 12, 14, 99
71	Triangle brake rigging freight car bogies mainline railways	Article 4: 5b, 7, 12, 14, 99
72	Traction motors for locomotives and trains	Section 4: 4, 5b, 5c, 5n, 5o, 5u, 5sch, 7, 12, 14, 74, 99

73	Traction clamp coupler	Section 4: 4, 5b, 5g, 7, 12, 14, 99
74	Automatic device controlling brake force depending on load (Auto)	Article 4: 5b, 5c, 5f, 5n, 5o, 5u, 7, 12, 14, 47, 74, 99
75	Device management, monitoring and security software for railway rolling stock	Article 4: 5b, 5c, 5f, 5n, 5o, 5u, 5sch, 7, 9, 12, 14, 23, 24, 25, 27, 28, 74, 99
76	Rolled disc wheel centers for railway rolling stock	Section 4: 4, 5b, 5p, 5s, 5t, 7, 12, 14, 57, 99
77	Alloy wheel centers for railway rolling stock (casting, finishing)	Section 4: 4, 5b, 5p, 5s, 5t, 7, 12, 14, 57, 99
78	Brake cylinders for railway rolling stock	Article 4: 5b, 7, 12, 14, 54, 99
79	Checks of brake pads for cars mainline railways	Article 4: 5b, 7, 12, 14, 99
80	Electric motors and generators main drive and traction equipment for locomotives	Section 4: 4, 5b, 5c, 5n, 5o, 5u, 5sch, 7, 12, 14, 74, 99
81	Electrocalorifiers for heating systems and electric passenger cars	Article 4: 5b, 5n, 5o, 5p, 5y, 5sch, 7, 12, 14, 74, 99
82	High heaters for hydronic heating systems of passenger cars	Article 4: 5b, 5n, 5o, 5p, 5y, 5sch, 7, 12, 14, 74, 99
83	Electrical equipment for diesel locomotives, diesel - trains, rail buses and railcars	Article 4: 5b, 5c, 5n, 5o, 5u, 5sch, 7, 12, 14, 71, 74, 99
84	Low-voltage electrical equipment for railway rolling stock: low voltage	Article 4: 5b, 5c, 5n, 5o, 5u, 7, 12, 14, 99

	controllers; switches; relays electromagnetic (protection, intermediate, and differential time)	
85	Electrical equipment of passenger cars; electric	Article 4: 5b, 5c, 5n, 5o, 5u, 5sch, 7, 12, 14, 71, 74, 99
86	Electric heating systems for passenger cars and trains	Article 4: 5b, 5c, 5n, 5o, 5u, 5sch, 7, 12, 14, 71, 74, 99
87	Lighting elements of passenger cars	Article 4: 5b, 5c, 5n, 5o, 5u, 5sch, 7, 12, 14, 74, 99

Application number 9 to
Technical Regulations CU
"On the safety of railway
rolling stock"

**List of
Schemes declaration of conformity**

Symbol	The content of the symbol	Artists	Sphere of application
1e	acceptance of the declaration of conformity based on their own evidence	applicant	used for serial production on the basis of their own evidence in accordance with the list of products, conformity which is in the form of the declaration of conformity is used for serial production on the basis of their own evidence and evidence obtained with the participation of
2d	research, test and measurement (further tests) sample of the product	accredited testing laboratory (center)	

	adoption of a declaration of conformity in the case of a positive test result in an accredited	applicant	the certification body and (or) accredited testing laboratory (center) in accordance with the list of products, conformity which is in the form of the declaration of conformity
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	testing laboratory (center)		
3d	testing standard sample products	accredited testing laboratory (center) certification body	used for serial production on the basis of his own evidence and evidence obtained with the participation of the certification body and (or) accredited testing laboratory (center) in accordance with the list of products, confirmation
	certification of quality management system		
	acceptance of the declaration of conformity the applicant in case of positive test results in an accredited testing laboratory (center) and quality management system certification by the certification body	applicant	compliance with which is in the form of the declaration of conformity
4d	testing standard sample products	accredited testing laboratory (center) certification body	used for serial production on the basis of his own evidence and evidence obtained with the participation of the certification body and (or) accredited testing laboratory (center) in accordance with the list of products, conformity which is in the form of the declaration of conformity
	certification of quality management system		
	adoption of a declaration of conformity in the case of a positive test result in an accredited testing laboratory (center) and quality management system certification by the	applicant	

	certification body		
	implementation of surveillance at intervals of not more than 1 time per year by sample tests by accredited testing laboratory (center)	Certification Body	
	suspension or termination of the declaration of conformity for a negative result of the inspection control	Certification Body	
5d	testing sample (s) of products selected from the declaration of compliance submitted by the party to adopt a declaration of conformity of products in the event of a positive test result in an accredited testing laboratory (center)	accredited testing laboratory (center) applicant	used in a limited, pre-specified volume of products to be delivered in a short period of time in separate batches as their serial production (for products imported into the common customs territory of the Customs Union - with short-term contracts for domestic production - with limited release)