



**RUSSIAN FEDERATION FEDERAL  
LAW  
On Assurance of Measurement  
Uniformity**

Adopted State Duma

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Approved Federation Council

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**Chapter 1. GENERAL PROVISION**

**Article 1. Objectives and scope of the present Federal Law**

1. Purposes of this Federal Law are:

1) Establishing the legal framework for ensuring the uniformity of measurements in the Russian Federation;

2) Protect the rights and законных интересов citizens, communities and государства of отчужденных subsequently недостоверных результатов dimension;

3) ensuring that the needs of citizens, society and the state to obtain objective, reliable and comparable measurement results that are used to protect the lives and health of citizens, environment, flora and fauna, national defense and state security, including economic security;

4) Promote the development of the Russian economy and scientific and technical progress

2. This Federal Law regulates relations arising in the performance measurement, establishing and ensuring compliance measurements, measurement units standards, reference materials, measuring instruments, the use of standard samples, measuring tools, techniques (methods), as well as the implementation of activities to ensure traceability under the laws of the Russian Federation on ensuring the uniformity of measurements, including the performance of work and the provision of services to ensure traceability.

3. Scope of government regulation ensuring the uniformity of measurements available for measurement, which for the purposes provided for by Part 1 of this article are subject to mandatory requirements and are performed when:

1) The implementation of activities in the field of health;

- 2) The implementation of veterinary activities;
- 3) The implementation of activities in the field of environmental protection;
- 4) Implementation of safety activities in emergency situations;
- 5) To work to ensure safe working conditions and safety;
- 6) The implementation of production control over compliance with the legislation of the Russian Federation of industrial safety requirements for operation of hazardous production facilities;
- 7) The implementation of trade and barter, works on the packaging of goods;
- 8) The performance of public accounting operations;
- 9) The provision of postal services and the registered volume of services of telecommunications operators;
- 10) The implementation of activities in the field of defense and security;
- 11) Implementation of geodetic and cartographic activities;
- 12) The implementation of activities in the field of hydrometeorology;
- 13) Performing banking, tax and customs operations;
- 14) To carry out conformity assessment of industrial products and products of other species as well as other facilities established by the legislation of the Russian Federation mandatory requirements;
- 15) An official sporting events, providing training for high-class athletes;
- 16) Carrying out the mandates of the court, prosecutors, and state executive bodies;
- 17) Implementation of the activities of state control (supervision);
- 18) The implementation of activities in the field of nuclear energy.

(Section 18 was introduced by Federal law from 30.11.2011 N 347-FZ)

4. By the sphere of state regulation to ensure uniformity of measurements also include measurement provided by the legislation of the Russian Federation on technical regulation.

5. Scope of state regulation of measurement traceability also applies to unit values, standards of size units, standard samples and measuring instruments, which set mandatory requirements.

6. Mandatory requirements for measurements, standards of measurement units, reference materials and measurements established by the legislation of the Russian Federation on ensuring the uniformity of measurements and the legislation of the Russian Federation on technical regulation. Mandatory requirements for units values, works and (or) rendering

services to ensure traceability established by the legislation of the Russian Federation on ensuring the uniformity of measurements.

7. Features measurement traceability in the implementation of activities in the field of defense and security and the use of nuclear energy set by the Russian Federation.

(Part 7 as amended. Federal law from 30.11.2011 N 347-FZ)

## **Article 2. Concepts**

In this Federal Law the following basic concepts:

1) Certification procedures (methods) - Research and conformity assessment procedures (methods) established metrological measurement requirements;

2) Commissioning measuring tools - documented in the prescribed manner readiness measurement means for its intended use;

3) federal state metrological supervision - control activities in the field of state regulation to ensure uniformity of measurements carried out by the authorized federal executive bodies and is the systematic verification of compliance with the legislation of the Russian Federation mandatory requirements, as well as in the application of the legislation of the Russian Federation measures for violations identified during time supervisory actions;  
(As amended. Federal law from 18.07.2011 N 242-FZ)

4) State the primary measurement standards - the state standard unit of value, providing reproduction, storage and transmission unit values with the highest accuracy in the Russian Federation, approved as such in the prescribed manner and used as a source in the Russian Federation;

5) State measurement standards - the standard unit of size, which is in federal ownership;

6) Unit value - fixed value of which is taken as a unit and this value is used to quantify the homogeneous units with her;

7) traceability - the state of measurement in which the results are expressed as allowed for use in the Russian Federation units values and accuracies of measurement do not exceed the established limits;

8) Measurement of - a set of operations performed to quantify the magnitude;

9) Test standard samples or measuring instruments in order to type approval - in the definition of the metrological and technical characteristics similar reference materials or measurements;

10) Calibration of measuring instruments - a set of operations performed in order to determine the actual values of the metrological characteristics of measuring instruments;

11) Procedure (method) measurement - set specifically described operations, the implementation of which provides measurement results with the established indicators of accuracy;

12) Metrology Service - organizing and (or) performing work to ensure traceability and (or) rendering services to ensure traceability structural unit of the central apparatus of the federal executive body and (or) its territorial body, legal person or a structural unit of a legal entity or association of legal persons, employees of a legal entity or an individual entrepreneur;

13) Metrological expertise - analysis and evaluation of the correctness of the establishment and observance of metrological requirements in relation to the project, subject to examinations. Metrological examination is mandatory (compulsory metrological examination) or voluntary;

14) Metrological requirements - to influence the results and performance measurement accuracy characteristics (parameters) measurements, measurement standards, reference materials, measurement, as well as to the conditions under which these characteristics (parameters) to be provided;

15) Required metrological requirements - metrological requirements established by normative legal acts of the Russian Federation and must be observed in the territory of the Russian Federation;

16) Transfer unit values - bringing unity value stored measuring instrument, unit value of the unit playing standard size or standard sample;

17) Verification of measurement tools (hereinafter - checking) - a set of operations performed in order to confirm the conformity of measuring metrological requirements;

18) traceability - the standard unit of property values or measuring instruments, is the documented establishing their connection with the state primary standard corresponding unit value by comparison measurement standards, verification and calibration of measuring instruments;

19) direct measurement - measurement, in which the value of the title is obtained directly from the measuring instruments;

20) Comparison of measurement standards - a set of operations that establish the relation between the units of the values reproducible measurement standards the same level of accuracy and in the same conditions;

21) Measuring instrument - the technical means for measuring;

22) Standard sample - sample material (material) defined on the test results of one or more values of the quantities characterizing the composition or properties of this substance (material);

23) Technical systems and devices with measuring functions - technical systems and devices, which, along with their main functions, measurement functions;

24) technical requirements for measuring instruments - requirements that determine the design features of measuring instruments (without limitation of their technical development) in order to preserve their metrological characteristics during operation of measuring instruments to achieve reliable measurement results, prevent unauthorized configuration and intervention, as well as requirements ensure the safety and electromagnetic compatibility of measuring instruments;

25) the type of measuring instruments - a set of measuring instruments intended to measure the same quantities expressed in the same units of values, based on the same principle of action having the same design and made by the same technical documentation;

26) The type of reference materials - a set of standard samples of the same purpose, made from the same material (material) on the same technical documentation;

27) The type of standard samples or type of measurement - documented in the prescribed manner a decision on recognition of conformity types of standard samples or type of measuring metrological and technical requirements (specifications) based on tests of standard samples or measuring instruments for the purpose of type approval;

28) Repealed from 1 August 2011. - Federal law from 18.07.2011 N 242-FZ;

29) Standard unit of value - the technical means for reproduction, storage and transmission unit size.

### **Article 3. Legislation of the Russian Federation on ensuring the uniformity of measurements**

1. Legislation of the Russian Federation on ensuring the uniformity of measurements based on the Constitution of the Russian Federation and includes the present Federal Law, other federal laws regulating relations in the area of traceability, as well as decisions taken in accordance with them other normative legal acts of the Russian Federation
2. Provisions of federal laws and other normative legal acts of the Russian Federation concerning the subject matter hereof shall apply to the extent not inconsistent with this federal law.

## **Article 4. International Treaties of the Russian Federation**

If an international treaty of the Russian Federation stipulates other rules than those provided for by the legislation of the Russian Federation on ensuring the uniformity of measurements, the rules of the international treaty.

## **Chapter 2. Measurement requirements** **Quantity units, Measurement Standards, STANDARD** **SAMPLES, Measuring**

## **Article 5. Measurement Requirements**

1. Measurements related to the scope of state regulation to ensure uniformity of measurements must be performed by certified procedures (methods), except for procedures (methods), designed to perform direct measurements using measuring devices of an approved type, passed the check. The measurement results shall be expressed in terms of units permitted for use in the Russian Federation.
2. Techniques (methods) that perform direct measurements are made in the operational documentation of the means of measurement. Demonstration of compliance with these procedures (methods) mandatory metrological requirements for measurements carried out in the approval process of measuring data types. In other cases, conformity assessment procedures (methods) mandatory metrological requirements for measurements carried out by certification procedures (methods). Information about certified procedures (methods) measurements is transmitted to the Federal Information Fund to ensure traceability certification conducting legal entities and individual entrepreneurs
3. Attestation procedures (methods) within the scope of state regulation to ensure uniformity of measurements carried accredited in accordance with the legislation of the Russian Federation on the accreditation of the national system of accreditation legal entities and individual entrepreneurs.  
(As amended. Federal law from 23.06.2014 N 160-FZ)
4. Procedure for certification procedures (methods) and their application set by the federal executive branch responsible for public policy and legal regulation in the area of traceability.
5. Federal executive authorities, asking for legal regulation in the areas referred to in paragraphs 3 and 4 of Article 1 hereof, in agreement with the federal body of executive

authority responsible for public policy and legal regulation in the field of uniformity of measurements, determine measurements related to the scope of state regulation to ensure uniformity of measurements and set them mandatory metrological requirements, including performance measurement accuracy.

6. Federal agency executive, responsible for providing public services and state property management in the area of traceability, is a single list of measurements within the scope of state regulation to ensure the uniformity of measurements.

#### **Article 6. Requirements Unit Value**

1. The Russian Federation applied units of the International System of units, adopted by the General Conference on Weights and Measures and recommended for use by the International Organization of Legal Metrology. Government of the Russian Federation may be approved for use in the Russian Federation, on a par with the units of the International System of units Common Units values. Names measurement units permitted for use in the Russian Federation, their designations, rules of writing, as well as the rules of their application established by the Government of the Russian Federation.
2. Characteristics and parameters of the product is exported, including measuring instruments, can be expressed in terms of the quantities specified in the agreement (contract) concluded with the customer.
3. Units values are transmitted measuring instruments, technical systems and devices with measuring functions of measurement standards and standard samples.

#### **Article 7. Requirements for standards of measurement units**

1. State standard sample units form a reference base of the Russian Federation.
2. State primary standards of measurement units not subject to privatization.
3. Data on state measurement standards introduced by the federal executive body, responsible for providing public services and state property management in the area of traceability, the Federal Information Fund to ensure traceability.
4. The state primary standard of measurement units contained and used in public research metrology institutes.
5. State primary standards of measurement units must be approved by the federal body of executive authority responsible for providing public services and state property management in the area of traceability

6. State primary standards of measurement units subject Comparison with measurement standards of the International Bureau of Weights and Measures and the national measurement standards of foreign countries. Responsible for the timely submission of the State primary standard of value for comparison of carries State Scientific Institute of Metrology, contains this state primary standard of the unit value.
7. The Russian Federation shall apply standards of size units, traceable to national primary standards appropriate size units. In the absence of relevant national primary measurement standards must be ensured traceability of measuring instruments used in the field of state regulation of measurement traceability to national measurement standards of foreign countries.
8. Procedure for approval, content, comparison and application of state primary measurement standards, the order of transmission of measurement units from the state standards, the procedure for the establishment of mandatory requirements for standards of measurement units used to provide traceability in the sphere of state regulation to ensure uniformity of measurements, the order of evaluation of compliance with these requirements, as well as the order of their application determined by the Government.

#### **Article 8. Requirements for standard samples**

1. Standard samples are used for the storage and transmission characteristics of the composition or properties of substances (materials) values expressed in measurement units allowed for use in the Russian Federation.
2. As regards government regulation ensuring the uniformity of measurements used standard samples approved types.

#### **Article 9. Requirements for measuring instruments**

1. The state regulation in the sphere of ensuring the uniformity of measurements allowed to use measuring instruments approved type, last checked in accordance with the provisions hereof, as well as to ensure compliance with the legislation of the Russian Federation on ensuring the uniformity of measurements of mandatory requirements, including mandatory requirements for metrological measurements required metrological and technical requirements for measuring instruments, and established by the legislation of the Russian Federation on technical regulation with mandatory requirements. The



composition of the mandatory requirements for measuring instruments where appropriate, include the requirements for their component parts, software, and operating conditions of measuring. In the application of measuring instruments must comply with the mandatory requirements for the conditions of their use.

2. Construction of measuring instruments must ensure restricted access to certain parts of measuring instruments (including software) in order to prevent unauthorized configuration and interventions that can lead to distortions in the measurement results.
3. Procedure for inclusion of technical means to measuring instruments established by the federal executive branch responsible for public policy and legal regulation in the area of traceability.

#### **Article 10. Technical systems and devices with measuring functions**

Mandatory requirements for technical systems and devices with measuring functions, and forms of assessment of their compliance with the above requirements shall be established by the legislation of the Russian Federation on technical regulation.

### **Chapter 3. STATE REGULATION OF Ensuring uniformity of measurements**

#### **Article 11. Forms of state regulation in the area of traceability**

State regulation in the area of traceability the following forms:

- 1) The type of standard samples or type of measurement;
- 2) Verification of measurement tools;
- 3) Metrological examination;
- 4) Federal state metrological supervision;  
(As amended. Federal law from 18.07.2011 N 242-FZ)  
(Text in the previous edition
- 5) Certification procedures (methods);
- 6) Accreditation of legal entities and individual entrepreneurs to perform activities and (or) services in the area of traceability.

#### **Article 12. Adoption type of standard samples or type of measurements**

1. Type of standard samples or type of measuring instruments used in the sphere of state regulation to ensure uniformity of measurements is subject to approval. With type approval of measuring accuracy rates are set, the interval between verifications of measuring and verification procedure of this type of measurement.
2. Decision on approval of the type of standard materials or type of measurements taken by the federal body of executive authority responsible for providing public services and state property management in the area of traceability, based on the positive results of standard samples or measuring instruments in order to type approval.
3. Adoption type of standard samples or type of measurements to certify type approval certificate reference materials or type of measurement issued by the federal executive body, responsible for providing public services and state property management in the area of traceability. During the term of the certificate of type approval of measuring the interval between the verification of measuring instruments can only be changed by the federal executive body, responsible for providing public services and state property management in the area of traceability.
4. At each instance of an approved type of measurement, the accompanying documents to the specified measuring instruments and the accompanying documents to the standard models of an approved type shall be marked approval of their type. The design of a measuring instrument shall be capable of applying this sign in a place accessible for viewing. If design features measuring tools do not allow putting this sign directly on the measuring device, it is applied to the accompanying documents.
5. Tests of reference materials or measurements for approval shall be carried out by legal entities accredited in accordance with the legislation of the Russian Federation on the accreditation of the national system of accreditation.  
(As amended. Federal law from 23.06.2014 N 160-FZ)
6. Information on approved types of standard samples and types of measurements made in the Federal Information Fund to ensure traceability.
7. Procedure for testing of standard samples or measuring instruments in order to type-approval procedure for type approval standard materials or type of measurement procedure for the issue of certificates of type approval standard materials or type of measurements, establishing and changing validity of these certificates and the interval between verifications funds measurement requirements for type approval mark standard materials or type of measurements and their application procedure established by the federal body of executive authority responsible for public policy and legal regulation in the area of traceability. Test procedure reference materials or dimensions in order to type-approval and approval of the type of standard materials or type of measurements

are established taking into account the nature of the production of reference materials and measuring instruments (single or batch production).

8. Legal entities and individual entrepreneurs engaged in the development, issue of production, import into the territory of the Russian Federation, sale and use in the Russian Federation is not intended for use in the field of state regulation to ensure uniformity of measurements of standard samples and measuring devices, may voluntarily submit their type approved standard samples or type of measurements.

### **Article 13. Calibration of measuring instruments**

1. Measuring devices intended for use in the field of state regulation to ensure uniformity of measurements, to commissioning and after repair are subject to initial verification, and in-service - periodic verification. Applying measuring instruments regulated by the state to ensure the uniformity of measurements legal entities and individual entrepreneurs must timely submit these measuring instruments are proving.
2. Verification of measuring instruments carried accredited in accordance with the Russian legislation on accreditation in the national accreditation system legal entities and individual entrepreneurs.  
(As amended. Federal law from 23.06.2014 N 160-FZ)
3. Government of the Russian Federation shall be a list of measuring, checking which is only accredited in accordance with the legislation of the Russian Federation on the accreditation of the national accreditation system state regional centers of metrology.  
(As amended. Federal law from 23.06.2014 N 160-FZ)
4. Results of verification of measuring verification certified sign and (or) a certificate of calibration. The design of a measuring instrument shall be capable of applying verification mark in a place accessible for viewing. If design features or operating conditions of a measuring instrument does not allow verification mark applied directly to the measuring instrument, it is applied to the calibration certificate.
5. Procedure for verification of measuring instruments, requirements for verification and sign content verification certificate established by the federal executive branch responsible for public policy and legal regulation in the area of traceability.
6. Information on the results of verification of measuring instruments intended for use in the field of state regulation to ensure uniformity of measurements are transmitted to the Federal Information Fund to ensure traceability conducting verification of measuring legal entities and individual entrepreneurs.

7. Measuring devices are not intended for use in the field of state regulation to ensure uniformity of measurements may be subject to verification on a voluntary basis.

#### **Article 14. Metrological examination**

1. Contained in the draft regulations of the Russian Federation requirements for measurements, reference materials and measurements are subject to mandatory metrological examination. Sign the mandatory metrological examination of the above requirements are considered host these acts federal authorities. Mandatory metrological expertise contained in the draft regulations of the Russian Federation measurement requirements, reference materials and measurements carried out in public research metrology institutes.
2. Mandatory metrological examination standards, product design, engineering, technical documentation, and other objects is also made in the manner and cases provided by legislation of the Russian Federation. Said examination conducted accredited in accordance with the legislation of the Russian Federation on the accreditation of the national system of accreditation legal entities and individual entrepreneurs.

(As amended. Federal law from 23.06.2014 N 160-FZ)

1. Procedure for mandatory metrological expertise contained in the draft regulations of the Russian Federation measurement requirements, reference materials and measurements, the federal executive branch responsible for public policy and legal regulation in the area of traceability.
2. Voluntarily metrological examination can be carried out product design, engineering, technical documentation, and other objects for which the legislation of the Russian Federation does not require obligatory metrological examination.

#### **Article 15. Federal state metrological supervision (As amended. Federal law from 18.07.2011 N 242-FZ)**

1. Federal state metrological supervision is carried out:

(As amended. Federal law from 18.07.2011 N 242-FZ)

1) compliance with the mandatory requirements in the sphere of state regulation to ensure uniformity of measurements to the measurements of size units, as well as to the standards of measurement units, reference materials, measuring instruments during their release from manufacture, importation into the territory of the Russian Federation, the sale and use of the territory of the Russian Federation;

- 2) The existence of and compliance certified methods (methods);

3) Lost force since 1 August 2011. - Federal law from 18.07.2011 N 242-FZ.

2. Federal state metrological supervision applicable to the activities of legal entities and individual entrepreneurs:

(As amended. Federal law from 18.07.2011 N 242-FZ)

1) Measurement in the realm of government regulation to ensure uniformity of measurements;

2) Issue of production for applications in the field of state regulation of measurement traceability measurement standards, reference materials and measuring devices, as well as their importation into the territory of the Russian Federation, sale and use of the territory of the Russian Federation;

3) Packaging of goods.

3. Legal persons, individual entrepreneurs are early notification of their activities for the production of measurement standards, reference materials and measuring instruments in accordance with the Federal Law of 26 December 2008 N 294-FZ "On the Protection of Rights of Legal Entities and Individual Entrepreneurs in the state control (supervision) and municipal control."

(Part 3 as amended. Federal law from 18.07.2011 N 242-FZ)

4. Abolished from 1 August 2011. - Federal law from 18.07.2011 N 242-FZ.

5. Federal state metrological supervision is carried out by the authorized federal executive bodies (hereinafter - the bodies of state supervision) in accordance with their competence in accordance with the procedure established by the Government of the Russian Federation.

(Part 5 introduced by Federal law from 18.07.2011 N 242-FZ)

6. Relations connected with the implementation of the federal state metrological supervision, organization and conduct inspections of legal entities and individual entrepreneurs, the provisions of the Federal Law of 26 December 2008 N 294-FZ "On protection of legal entities and individual entrepreneurs in the implementation of state control (supervision) and municipal control."

(Part 6 was introduced by Federal law from 18.07.2011 N 242-FZ)

**Article 16. Abolished from 1 August 2011. - Federal law from 18.07.2011 N 242-FZ.**

## **Article 17. Rights and obligations of officials in the federal state metrological supervision**

(As amended. Federal law from 18.07.2011 N 242-FZ)

1. Duty inspections in the implementation of the federal state metrological supervision rests with the officials of the federal executive bodies exercising federal state metrological supervision, and their territorial bodies.

(As amended. Federal law from 18.07.2011 N 242-FZ)

2. Officials conducting prescribed by Part 1 of this article inspection, upon presentation of the business card and the order (decree) of the head (deputy head) of the State supervisory body of the inspection shall be entitled to:

(As amended. Federal law from 18.07.2011 N 242-FZ)

- 1) Attend objects (territories and premises) of legal entities and individual entrepreneurs to implement the federal state metrological supervision during the performance of official duties;

(As amended. Federal law from 18.07.2011 N 242-FZ)

- 2) To obtain documents and information necessary for verification.

3. Officials in charge of the federal state metrological supervision must:

(As amended. Federal law from 18.07.2011 N 242-FZ)

- 1) Verify that the units used units authorized for use in the Russian Federation;

- 2) Check the condition and use of measurement standards, reference materials and measuring instruments in order to determine compliance with the mandatory requirements;

- 3) check for compliance and certified methods (methods);

- 4) To verify compliance with the mandatory requirements of the measurements;

(As amended. Federal law from 18.07.2011 N 242-FZ)

- 5) To verify compliance with the established procedure for notification of the activity referred to in paragraph 3 of Article 15 of this Federal Law legal entities and individual entrepreneurs;

- 6) Observe state, commercial, service, and other information protected by law secret.

4. When identifying violations official exercising federal state metrological supervision is required to:

(As amended. Federal law from 18.07.2011 N 242-FZ)

- 1) prohibit the issue of production, import into the Russian Federation and the sale to be used in the field of state regulation to ensure uniformity of measurements of standard samples and measuring unapproved type or intended for use in the field of state regulation to

ensure uniformity of measurements of standard samples and measuring devices that do not comply mandatory requirements (except for release of production and importation into the territory of the Russian Federation of standard samples or measuring instruments intended for testing of standard samples or measuring instruments for the purpose of type approval);

2) prohibit the use of standard samples and measuring devices or unapproved type of standard samples and measuring devices that do not comply with mandatory requirements as well as unverified measuring instruments for measurements within the scope of state regulation to ensure uniformity of measurements;

3) Applied to the measurement means sign unfitness when the measuring instrument does not meet the mandatory requirements;

4) To give binding instructions and schedules to eliminate violations of the legislation of the Russian Federation mandatory requirements;

5) In the cases stipulated by the legislation of the Russian Federation, to submit materials on violations of the laws of the Russian Federation to ensure traceability in the judicial and investigative bodies, as well as the federal body of executive authority in the field of accreditation for ensuring the uniformity of measurements;

6) Use other measures in accordance with the legislation of the Russian Federation.

5. Shape sign unsuitability of measuring instruments and procedure of its application are set by the federal executive branch responsible for public policy and legal regulation in the area of traceability.

## **Chapter 4. CALIBRATION Means Dimension**

### **Article 18. Calibration of measuring**

1. Measuring devices are not intended for use in the field of state regulation to ensure uniformity of measurements, may voluntarily be calibrated. Calibration of measurement is performed using measurement standards traceable to national primary standards appropriate measurement units and the absence of appropriate national primary measurement standards - to national standards of measurement units of foreign states.

2. Perform calibration of measuring legal entities and individual entrepreneurs voluntarily may be accredited in the area of traceability.

3. Results of calibration of measuring instruments, performed by accredited in accordance with the legislation of the Russian Federation on the accreditation of the national accreditation system for legal entities or individual entrepreneurs, can be used for calibration

of measuring instruments in the order established by the federal executive branch responsible for public policy and legal regulation in the area of traceability.

(As amended. Federal law from 23.06.2014 N 160-FZ)

## **Chapter 5. ACCREDITATION IN THE FIELD OF UNITY OF MEASUREMENT**

### **Article 19. Accreditation in the field of traceability**

1. Accreditation in the field of traceability is carried out to formally recognize the competence of the legal entity or individual entrepreneur to perform work and (or) to provide services to ensure traceability in accordance with this Federal Law. For such work, and (or) services include:

1) Certification procedures (methods) within the scope of state regulation to ensure uniformity of measurements;

2) Test standard samples or measuring instruments in order to type-approval;

3) Verification of measuring instruments;

4) Mandatory metrological examination standards, product design, engineering, technical documentation, and other objects, carried out in cases stipulated by the legislation of the Russian Federation.

2. Repealed. - Federal law from 23.06.2014 N 160-FZ.

3. Accreditation in the field of traceability in accordance with the legislation of the Russian Federation on the accreditation of the national system of accreditation.

(Part 3 as amended. Federal law from 23.06.2014 N 160-FZ)

## **Chapter 6. Federal Information Fund To ensure traceability**

### **Article 20. Federal Information Fund to ensure traceability**

1. Normative legal acts of the Russian Federation, normative documents, information databases, international instruments, international treaties of the Russian Federation in the area of traceability, information about certified procedures (methods), a single list of measurements relating to governmental regulatory measurement traceability, information on state standards of measurement units, information on approved types of reference materials or types of measuring instruments, information on the results of verification of measuring instruments constitute Federal Information Fund to ensure traceability. Doing Federal Information Fund to ensure traceability and providing the information contained herein organizes federal body of executive authority responsible for providing public services and state property management in the area of traceability.



2. Interested parties in the manner prescribed by Part 3 of this Article, the provision contained in the Federal Information Fund to ensure traceability of documents and information, except when in the interest of public, commercial, service and (or) other protected by law such secrets access to these documents and information should be limited, and in the case of the federal executive body, responsible for providing public services and state property management in the area of traceability, interagency request for purposes related to the provision of state or municipal services and (or ) conduct basic state information resources in order to provide state or municipal services, the provision contained in the Federal Information Fund to ensure traceability of documents and information in accordance with the requirements of the Federal Law of 27 July 2010 N 210-FZ "On the organization of state and municipal services. "

(As amended. Federal law from 28.07.2012 N 133-FZ)

3. Procedure for establishing and maintaining a Federal Information Fund to ensure traceability, the transmission of information in it and providing it contains documents and information established by the federal body of executive authority responsible for public policy and legal regulation in the area of traceability.

## **Chapter 7. Institutional framework ensuring UNITY OF MEASUREMENT**

### **Article 21. Federal executive bodies, state scientific metrology institutes, government regional centers of metrology, metrology services, organizations carrying out activities to ensure traceability**

1. Activities to ensure traceability is based on the legislation of the Russian Federation on ensuring the uniformity of measurements and carried out:

1) federal bodies of executive authority responsible for public policy and legal regulation, provision of public services, managing state property in the area of traceability and the federal state metrological supervision;

(As amended. Federal law from 18.07.2011 N 242-FZ)

2) subordinated to the federal executive body, responsible for providing public services and state property management in the area of traceability, public research institutes and state metrological regional centers of metrology;

3) State service time, frequency and characterization of Earth's rotation, the State Service of reference data on physical constants and properties of substances and materials, public service standards of composition and properties of substances and materials managed by the federal executive body, responsible for providing public services and state property management in the area of traceability;

4) Metrological services, including accredited in accordance with the legislation of the Russian Federation for accreditation of national accreditation system entities and individual entrepreneurs.

(As amended. Federal law from 23.06.2014 N 160-FZ)

2. The main objectives of the federal executive bodies exercising functions of public policy and legal regulation, provision of public services, managing state property in the area of traceability and state metrological supervision are:

1) Development of public policy and legal regulation in the area of traceability, as well as coordination of legal regulation in this area;

2) Liaising with the authorities of foreign states and international organizations in the field of traceability;

3) Implementation of state policy in the area of traceability;

4) Coordination of the implementation of the state policy in the area of traceability;

5) Implementation of the federal state metrological supervision and coordination of its implementation.

(As amended. Federal law from 18.07.2011 N 242-FZ)

3. Distribution of powers between the federal executive branch responsible for public policy and legal regulation, provision of public services, managing state property in the area of traceability and the federal state metrological supervision, the Government of the Russian Federation.

(As amended. Federal law from 18.07.2011 N 242-FZ)

4. The main tasks of the state scientific metrology institutes are:

1) Basic and applied research, experimental development and implementation of scientific and technological activities in the area of traceability;

2) Development, improvement, maintenance, and use of state comparison of primary measurement standards;

3) transfer of measurement units from the state primary measurement standards;

4) Participation in the drafting of regulations in the area of traceability;

5) A mandatory metrological expertise contained in the draft regulations of the Russian Federation measurement requirements, reference materials and measurements;

6) Establishment and maintenance of Federal Information Fund to ensure traceability and the provision contained therein documents and information;

7) Participation in international cooperation in the field of metrology.

5. State scientific metrology institutes can also perform other work and (or) provide other services to ensure traceability.

6. The main objectives of the regional centers of state metrology are:

1) For verification of measuring instruments in accordance with the established scope of accreditation;

2) Improving the content and application of state standards of units used to ensure traceability of other measurement standards and measuring instruments to the state primary standards of measurement units.

7. State regional metrology centers can also perform other work and (or) provide other services to ensure traceability.

8. Civil service time, frequency and characterization of Earth's rotation carries out scientific, technical and metrological activities to reproduce national time scale and frequency standards, to determine parameters of the Earth's rotation, as well as to ensure the needs of the state in the reference time and frequency, for information on parameters of the Earth's rotation and precise meaning Moscow time and calendar date.

(As amended. Federal law from 02.12.2013 N 338-FZ)

9. Civil service standards of composition and properties of substances and materials operates on the development, testing and implementation of standards of composition and properties of substances and materials in order to ensure uniformity of measurements based on the application of these standard samples, as well as management of the relevant sections of the Federal Information Facility ensure traceability.

10. Civil service reference data on physical constants and properties of substances and materials is working to develop and implement standard reference data on physical constants and properties of substances and materials in science and technology in order to ensure uniformity of measurements based on the application of these reference data, and also on maintaining the relevant sections of the Federal Information Fund to ensure traceability.

11. Civil service time, frequency and characterization of Earth's rotation, the State Service of reference data on physical constants and properties of substances and materials, the State Service standards of composition and properties of substances and materials operate in accordance with the provisions of them approved by the Government of the Russian Federation.

## **Article 22. Metrological services of the federal executive bodies**

1. Federal executive bodies exercising functions in the areas referred to in paragraphs 3 and 4 of Article 1 hereof, create in the prescribed manner metrological services and (or) determine the officials to organize the activities to ensure traceability within its competence .

2. Rights and duties of metrological services of the federal bodies of executive power, organization and coordination of their activities determined by the provisions of the metrological services, says the head of the federal executive bodies, the metrological

service, in consultation with the federal executive branch responsible for public policy and legal regulation in the area of traceability.

## **Chapter 8. RESPONSIBILITY FOR VIOLATION OF THE LAW RUSSIAN FEDERATION on Uniformity of Measurements**

### **Article 23. Liability of legal persons, their managers and workers, entrepreneurs**

Legal entities, their directors and employees, and other individuals who have committed violations of Russian legislation on ensuring the uniformity of measurements unduly impeding the implementation of the federal state metrological supervision and (or) do not comply with the requirements within the prescribed period of federal executive bodies exercising federal state metrological supervision of elimination of violations shall be liable in accordance with the legislation of the Russian Federation.

(As amended. Federal law from 18.07.2011 N 242-FZ)

### **Article 24. Responsibility of Officials**

1. For violations of Russian legislation on ensuring the uniformity of measurements officials of federal executive bodies exercising functions of public policy and legal regulation, provision of public services, managing state property in the area of traceability, as well as the federal executive authorities, exercising state metrological supervision and subordinate organizations bear responsibility in accordance with the legislation of the Russian Federation.
2. Actions (inaction) of officials may be appealed in accordance with the legislation of the Russian Federation. Appeal against actions (inaction) of officials not suspends the execution of their instructions, except for the cases established by the legislation of the Russian Federation.

## **Chapter 9. FINANCING IN THE FIELD OF UNITY OF MEASUREMENT**

### **Article 25. Financing in the area of traceability at the expense of the federal budget**

At the expense of the federal budget funded the costs of:

- 1) The development, improvement and maintenance of the state of primary measurement standards;
- 2) The development and improvement of the national standards of measurement units;
- 3) Basic research in the field of metrology;
- 4) perform works related to the activities of the State Service of time, frequency and determination of the Earth rotation parameters, the State Service for reference data on

physical constants and properties of substances and materials, public service standards of composition and properties of substances and materials;

5) Development approved by the federal executive authorities of regulations in the area of traceability;

6) perform works for the federal state metrological supervision;

(As amended. Federal law from 18.07.2011 N 242-FZ)

7) A comparison of state primary measurement standards with measurement standards of the International Bureau of Weights and Measures and the national measurement standards of foreign countries;

8) Payment of the contributions of the Russian Federation in international organizations on metrology;

9) The establishment and maintenance of Federal Information Fund to ensure traceability;

10) Repealed. - Federal law from 23.06.2014 N 160-FZ.

#### **Article 26. Payment for work and (or) services to ensure traceability**

1. The Work and (or) services for mandatory metrological expertise contained in the draft regulations of the Russian Federation requirements for measurements, reference materials and measuring instruments for the transfer of measurement units from state measurement standards and calibration of measuring instruments included in the list of measuring instruments , checking which is only accredited in the area of traceability state regional centers of metrology at regulated prices paid in the order established by the Government of the Russian Federation.
2. Works and (or) services for testing of standard samples or measuring instruments in order to type approval, certification procedures (methods), metrological examination referred to in paragraphs 2 and 4 of Article 14 of this Federal Law, for the calibration of measurements that are not included in the list of measuring instruments specified in Part 1 of this article, calibration of measuring stakeholders are paid in accordance with the terms of agreements (contracts), unless otherwise provided by the legislation of the Russian Federation.

### **Chapter 10. FINAL PROVISIONS**

#### **Article 27. Final Provisions**

1. Normative legal acts of the Russian Federation, contemplated hereby, except for regulations of the Russian Federation relating to the legislation of the Russian Federation on technical regulation, must be taken within two years from the date of entry into force of this Federal Law.

2. Prior to the coming into force of this Federal Law, federal executive authorities, asking for legal regulation in the areas referred to in paragraph 3 of Article 1 hereof, determine the limits of their competence in the lists of measurements within the scope of state regulation to ensure uniformity of measurements, in agreement with the federal executive branch responsible for public policy and legal regulation in the area of traceability.
  3. Normative legal acts of the Russian Federation, as well as metrological rules and regulations adopted pursuant to the Law of the Russian Federation on April 27, 1993 N 4871-1 "On ensuring the uniformity of measurements", apply to the extent not inconsistent with this federal law, from the date of entry into force of this Federal Law and before the coming into force of normative legal acts of the Russian Federation, the present Federal Law.
  4. Documents issued in accordance with the metrological rules and regulations referred to in paragraph 3 of this Article shall remain in force until their expiration.
- Article 28. Concerning the Annulment of Certain Legislative Acts (Provisions of Legislative Acts) of the Russian Federation**

From the date of entry into force of this Federal Law shall be abrogated:

- 1) Law of the Russian Federation of April 27, 1993 N 4871-1 "On ensuring the uniformity of measurements" (Gazette of the Congress of People's Deputies of the Russian Federation and the Supreme Soviet of the Russian Federation, 1993, N 23, p. 811);
- 2) Resolution of the Supreme Soviet of the Russian Federation on April 27, 1993 N 4872-1 "On introduction of the Russian Federation Law" On ensuring the uniformity of measurements "(Gazette of the Congress of People's Deputies of the Russian Federation and the Supreme Soviet of the Russian Federation, 1993, N 23, p. 812);
- 3) Article 7 of the Federal Law of January 10, 2003 N 15-FZ "On Amendments and Additions to Certain Legislative Acts of the Russian Federation in connection with the adoption of the Federal Law" On Licensing Certain Types of Activities "(Collected Legislation of the Russian Federation, 2003, N 2, Art. 167).

#### **Article 29. Entry into force of this Federal Law**

This Federal Law shall enter into force one hundred and eighty days after the date of its official publication.

**President**

**Russian Federation**  
**D.MEDVEDEV**

The Kremlin, Moscow  
June 26, 2008  
N 102-Φ3