

**Federal Law № 102-FZ of June 26, 2008
On Ensuring the Uniformity of Measurements
(including amendments of July 18, 2011)**

Adopted by the State Duma: June 11, 2008

Approved by the Federation Council: June 18, 2008

Chapter 1. General Provisions

Article 1. The Goals and Scope of this Federal Law

1. The goals of this Federal Law are as follows:

1) to establish a legal foundation for ensuring the uniformity of measurements in the Russian Federation;

2) to protect the rights and lawful interests of citizens, the society and the state from the negative consequences of unreliable results of measurements;

3) to cater for the need of citizens, the society and the state for the objective, reliable and comparable results of measurements used to protect the life and health of citizens, the environment, fauna and flora, and to ensure the defense and security of the state including economic security;

4) to promote the economic development of the Russian Federation and the scientific and technological progress.

2. This Federal Law regulates the relationships arising in the course of measurements being carried out, requirements being established and met as applicable to measurements, units, standards, measurement tools, in the course of application of standard specimens, measurement tools and measurement methods (techniques), and also when the activities aimed at ensuring the uniformity of measurements as envisaged by the legislation of the Russian Federation on ensuring the uniformity of measurements are being carried out, including performance of works and services aimed at ensuring the uniformity of measurements.

3. The state regulation for ensuring the uniformity of measurements covers the measurements, for which compulsory requirements are established for the purposes described in the part 1 of the present article and which are carried out when:

1) activities are being pursued in the area of public health;

2) veterinary activities are being carried out;

3) environmental protection activities are being carried out;

4) the activity of ensuring safety in cases of emergency situations is being carried out;

5) the works of ensuring safe conditions for labor and labor protection are being carried out;

6) production supervision is being carried out to control observance of the industrial safety requirements established by the legislation of the Russian Federation for cases when a hazardous production facility is being operated;

7) trade and barter transactions and the works of packing of goods take place;

8) state record-keeping transactions are being carried out;

9) postal communication services are being provided and the amount of electric communication services provided by communication operators is being recorded;

10) activities in the area of defense and security of the state are being carried out;

11) geodetic and cartographic activities are being carried out;

12) activities are being carried out in the area of hydrometeorology;

13) banking, tax and customs operations are being carried out;

14) the works of assessing the compliance of industrial products and products of other types as well as other facilities with the compulsory requirements established by the legislation of the Russian Federation are being carried out;

15) official sport competitions are being conducted, and high-class sportsmen are being trained;

16) orders / instructions of a court, prosecutor's office or state executive agency are being executed;

17) state control (supervision) measures are being taken.

4. The domain of the state regulation for ensuring the uniformity of measurements also includes the measurements envisaged by the legislation of the Russian Federation on technical regulation.

5. The domain of the state regulation for ensuring the uniformity of measurements also covers those units, unit standards, standard specimens and measurement tools for which compulsory requirements are established.

6. Compulsory requirements applicable to measurements, unit standards, standard specimens and measurement tools shall be established by the legislation of the Russian Federation on ensuring the uniformity of measurements and by the legislation of the Russian Federation on technical regulation. Compulsory requirements applicable to units, performance of works and/or provision services aimed at ensuring the uniformity of measurements shall be established by the legislation of the Russian Federation on ensuring the uniformity of measurements.

7. Specific details of ensuring the uniformity of measurements in the course of activities in the field of defense and security of the state shall be established by the Government of the Russian Federation.

Article 2. Basic Definitions

The following basic definitions are used in this Federal Law:

1) "**certification of measurement methods (techniques)**" is a research and confirmation of the compliance of measurement methods (techniques) with established metrological requirements applicable to measurements;

2) "**commissioning of measurement tools**" is the readiness of measurement tools for being used according to their intended purpose, which is documented as per the established procedure;

3) "**state metrological supervision**" means a control activity in the domain of state regulation for ensuring the uniformity of measurements pursued by empowered federal executive governmental bodies, which consists in verification on a regular basis of the observance of the compulsory requirements established by the legislation of the Russian Federation and also in the application of sanctions as envisaged by the legislation of the Russian Federation for the violations discovered in the course of supervision actions;

4) "**primary state unit standard**" is a state unit standard that ensures the reproduction, storage and transfer of a unit of quantity with the highest feasible accuracy in the Russian Federation and that is confirmed as such in accordance with the established procedure and is being used as a primary one in the Russian Federation;

5) "**state unit standard**" is a unit standard under federal ownership;

6) "**unit**" means a fixed quantity accepted as a unit of a given value and being used as a quantitative expression of values that are homogenous with that value;

7) "**the uniformity of measurements**" means a state of measurements in which the results thereof are expressed in the units admitted for being used in the Russian Federation and the measurement accuracy values are within the established limits;

8) "**measurement**" means an aggregate of operations carried out to assess the quantitative magnitude of a value;

9) "**standard specimens / measurement tools testing to approve a type**" means the work of assessing the metrological and technical characteristics of standard specimens (or measurement tools) of the same type;

10) "**calibration of measurement tools**" means an aggregate of operations carried out for the purpose of assessing the true values of metrological characteristics of measurement tools;

11) "**measurement method (technique)**" means an aggregate of specified operations whose completion makes sure that results of measurement are obtained with established values of accuracy;

12) "**metrological service**" means a structural unit within central office of a federal executive agency and/or of a territorial body thereof, a legal entity or a structural unit of a legal entity or of an association of legal entities, employees of a legal entity or an individual entrepreneur that organize and/or perform works and/or provide services aimed at ensuring the uniformity of measurements;

13) "**metrological expert examination**" means an analysis and assessment of the correctness of establishment and observance of the metrological requirements as applicable to an object undergoing the expert examination. The metrological expert examination is carried out on a compulsory (i.e. compulsory metrological expert examination) or voluntary basis;

14) "**metrological requirements**" means requirements applicable to the characteristics (parameters) of measurements, of unit standards, of standards specimens, of measurement tools that affect the result and accuracy values of the measurements and also applicable to the conditions under which these characteristics (parameters) shall be ensured;

15) "**compulsory metrological requirements**" means the metrological requirements, which are established by normative legal acts of the Russian Federation and are to be compulsorily observed on the territory of the Russian Federation;

16) "**transfer of a unit**" means the reduction of a unit stored in measurement tools to the unit reproduced by a standard for this unit or by a standard specimen;

17) "**verification of measurement tools**" (hereinafter also referred to as "verification") means an aggregate of operations carried out for the purpose of confirming the compliance of measurement tools with metrological requirements;

18) "**traceability**" means a property of a unit standard or of measurement tools that manifests itself in a documented ascertainment of their relationship with a relevant primary state unit standard by means of comparison of unit standards, verification and calibration of measurement tools;

19) "**direct measurement**" is a measurement in which the unknown magnitude of a value is obtained directly from measurement tools;

20) "**comparison of unit standards**" means an aggregate of operations establishing the ratio between the units reproduced by unit standards of one level of accuracy in the same conditions;

21) "**measurement tools**" is a technical facility intended for measurement;

22) "**standard specimen**" is a specimen of a substance (material) with the magnitudes of one or more parameters determined based on results of testing as characterizing the composition or a property of the substance (material);

23) "**technical systems and devices with measurement functions**" means technical systems and devices that carry out measurement functions apart from their basic functions;

24) "**technical requirements applicable to measurement tools**" means the requirements specifying design features of measurement tools (with no limitation to technical improvement thereof) for the purposes of metrological characteristics

preservation in course of its operation, attaining measurement results reliability, preventing unauthorized introduction of adjustment and interference, as well as the requirements ensuring the safety and electromagnetic compatibility of the measurement tools;

25) "**a type of measurement tools**" means a totality of measurement tools intended for measurement of same values expressed in terms of same units, based on a same operating concept, having a same design and manufactured according to a same technical documentation;

26) "**a type of standard specimens**" means a totality of standard specimens being intended for a same purpose, manufactured from a same substance (material) according to a same technical documentation;

27) "**approval of a type of standard specimens or a type of measurement tools**" means a documented decision on recognition of the compliance of a type of standard specimens or a type of measurement tools with metrological and technical requirements (characteristics) on the basis of the result of testing of these standard specimens or the measurement tools with the aim of approving the type;

28) **expired since August 1, 2011**;

29) "**unit standard**" is a technical facility intended for reproduction, storage and transfer of a unit.

Article 3. The Legislation of the Russian Federation on Ensuring the Uniformity of Measurements

1. The legislation of the Russian Federation on ensuring the uniformity of measurements is based on the Constitution of the Russian Federation and includes this Federal Law, other federal laws regulating relationships in the field of ensuring the uniformity of measurements as well as other normative legal acts of the Russian Federation adopted in accordance therewith.

2. The provisions of federal laws and of other normative legal acts of the Russian Federation concerning the subject matter regulated by this Federal Law are applicable insofar as they do not conflict with this Federal Law.

Article 4. International Treaties of the Russian Federation

If any international treaty of the Russian Federation has established rules that differ from those set out in the legislation of the Russian Federation on ensuring the uniformity of measurements, the rules of the international treaty shall be applicable.

Chapter 2. The Requirements Applicable to Measurements, Units, Unit Standards, Standard Specimens and Measurement tools

Article 5. The Requirements Applicable to Measurements

1. The measurements within the domain of state regulation for ensuring the uniformity of measurements shall be carried out in accordance with certified measurement methods (techniques), except for the measurement methods (techniques) envisaged for direct measurements involving the use of measurement tools of an approved type have passed a verification. The measurement results shall be expressed in terms of the units accepted for application in the Russian Federation.

2. The measurement methods (techniques) envisaged for direct measurements shall be entered in the operating documentation for measurements means. A confirmation of the compliance of these measurement methods (techniques) with the compulsory metrological requirements applicable to measurements shall be provided in the course of approval of the types of these measurement tools. In the rest of cases a confirmation of the compliance of measurement methods (techniques) with the compulsory metrological requirements applicable to measurements shall be provided by means of certification of measurement methods (techniques). Information on certified measurement methods (techniques) shall be provided to the Federal Information Base for Ensuring the Uniformity of Measurements by the legal entities and individual entrepreneurs that carry out the certification.

3. A certification of the measurement methods (techniques) within the domain of state regulation for ensuring the uniformity of measurements shall be carried out by the legal entities and individual entrepreneurs accredited as per the established procedure in the field of ensuring the uniformity of measurements.

4. A procedure for certification of measurement methods (techniques) and for the application thereof shall be established by the federal executive agency duly authorized to perform the functions of state policy elaboration and normative legal regulation for ensuring the uniformity of measurements.

5. By agreement with the federal executive agency duly authorized to perform the functions of state policy elaboration and normative legal regulation for ensuring the uniformity of measurements, the federal executive governmental bodies responsible for normative legal regulation in the areas of activity specified in parts 3 and 4 of Article 1 of this Federal Law shall designate the measurements that enter the domain of state regulation for ensuring the uniformity of measurements and shall establish compulsory metrological requirements for them, including measurement accuracy values.

6. The federal executive agency duly authorized to perform the function of state service provision and state property management in the field of ensuring the uniformity of measurements shall keep a comprehensive list of the measurements relating to the domain of state regulation for ensuring the uniformity of measurements.

Article 6. The Requirements Applicable to Units

1. The following is used in the Russian Federation: the units of the International System of Units that are adopted by the General Conference on Measures and Weights and recommended for use by the International Organization of Legal Metrology. The Government of the Russian Federation may admit application of off-system units in the Russian Federation, besides the units of the International System of Units. The names of the units admitted for application in the Russian Federation, their designations, rules of writing as well as rules for their application shall be established by the Government of the Russian Federation.

2. The characteristics and parameters of products delivered for export, including measurement tools, may be expressed in the units envisaged by an agreement (contract) concluded with the customer.

3. Units shall be transferred to measurement tools, technical systems and devices having measurement functions from unit standards and standard specimens.

Article 7. The Requirements Applicable to Unit Standards

1. State unit standards constitute the standard base of the Russian Federation.

2. Primary state unit standards shall not be privatized.

3. Information on state unit standards shall be entered by the federal executive agency duly authorized to perform the function of state service provision and state property management in the field of ensuring the uniformity of measurements to the Federal Information Base for Ensuring the Uniformity of Measurements.

4. Primary state unit standards shall be preserved and applied in relevant state scientific metrological institutes.

5. Primary state unit standards are subject to approval by the federal executive agency duly authorized to perform the function of state service provision and state property management in the field of ensuring the uniformity of measurements.

6. Primary state unit standards are subject to comparison with the unit standards of the International Bureau of Measures and Weights and the national unit standards of foreign states. Responsibility for the timely presentation of a primary state unit standard for comparison shall be borne by the state scientific metrological institute that keeps the primary state unit standard.

7. The unit standards used in the Russian Federation shall be traceable up to primary state standards for relevant units. In case of absence of relevant primary state unit standards, arrangements shall be made to ensure traceability of the measurement tools used in the domain of state regulation for ensuring the uniformity of measurements to the national unit standards of foreign states.

8. The procedure for approval, maintaining, comparison and application of primary state unit standards, the procedure for transferring units from state standards, the procedure for establishing the compulsory requirements applicable to the unit standards used to ensure the uniformity of measurements in the domain of state regulation for ensuring the uniformity of measurements, the procedure for assessing compliance with these requirements as well as the procedure for applying them shall be established by the Government of the Russian Federation.

Article 8. The Requirements Applicable to Standard Specimens

1. Standard specimens are intended for the reproduction, storage, and transfer of the characteristics of the composition or properties of substances (materials) expressed in terms of the units admitted for application in the Russian Federation.

2. In the domain of state regulation for ensuring the uniformity of measurements, standard specimens of approved types shall be used.

Article 9. The Requirements Applicable to Measurement Tools

1. In the domain of state regulation for ensuring the uniformity of measurements, the following measurement tools shall be admitted to application: measurement tools of an approved type that have passed verification in accordance with the provisions of this Federal Law and also that ensure the observance of the compulsory requirements established by the legislation of the Russian Federation on ensuring the uniformity of measurements, including compulsory metrological requirements applicable to measurements, the compulsory metrological and technical requirements applicable to

measurement tools and the compulsory requirements established by the legislation of the Russian Federation on technical regulation. Where necessary, the compulsory requirements applicable to measurement tools shall also comprise requirements applicable to the components, software and operating conditions of the measurement tools. While using measurement tools one shall observe the compulsory requirements applicable to the operating conditions thereof.

2. The design of measurement tools shall ensure restrictions on access to specific part of the measurement tools (including software) with the goal of prevention of unauthorized introduction of adjustments tuning and interference that can cause a distortion in the results of measurements.

3. The procedure for classifying technical facilities as "measurement tools" shall be established by the federal executive agency duly authorized to perform the functions of state policy elaboration and normative legal regulation in the field of ensuring for the uniformity of measurements.

Article 10. Technical Systems and Devices with Measurement Functions

The compulsory requirements applicable to technical systems and devices with measurement functions as well as to forms of assessment of their compliance with said requirements shall be established by the legislation of the Russian Federation on technical regulation.

Chapter 3. State Regulation in the Field of Ensuring the Uniformity of Measurements

Article 11. The Forms of State Regulation in the Field of Ensuring the Uniformity of Measurements

State regulation in the field of ensuring the uniformity of measurements shall be carried out in the following forms:

- 1) approval of a type of standard specimens or a type of measurement tools;
- 2) verification of measurement tools;
- 3) metrological expert examination;
- 4) state metrological supervision;
- 5) certification of measurement methods (techniques);
- 6) accreditation of legal entities and individual entrepreneurs for the performance of works and/or provision of services in the field of ensuring the uniformity of measurements.

Article 12. Approval of a Type of Standard Specimens or a Type of Measurement tools

1. The type of the standard specimens or the type of the measurement tools that are used in the domain of state regulation for ensuring the uniformity of measurements is subject to a mandatory approval. The following shall be established when a type of measurement tools is being approved: accuracy values, the interval between consecutive verifications of the measurement tools, as well as the verification method for the given type of measurement tools.

2. A decision on approval of a type of standard specimens or a type of measurement tools shall be taken by the federal executive agency duly authorized to perform the function of state service provision and state property management in the field of ensuring the uniformity of measurements on the basis of positive results of testing of the standard specimens or measurement tools aimed at approval of the type.

3. The approval of the type of standard specimens or the type of measurement tools shall be certified by a certificate of approval of the type of standard specimens or type of measurement tools issued by the federal executive agency duly authorized to perform the function of state service provision and state property management in the field of ensuring the uniformity of measurements. Within the effective term of the certificate of approval of the type of measurement tools, the interval between consecutive verifications of the measurement tools may be changed only by the federal executive agency duly authorized to perform the function of state service provision and state property management in the field of ensuring the uniformity of measurements.

4. A sign of approval of the type shall be applied to each individual measurement tools of the approved type, to accompanying documents for said measurement tools and to accompanying documents for standard specimens of the approved type. Design of the measurement tools shall allow the application of the sign at a visible place. If specificities of the measurement tools design do not allow the application of the sign directly to the measurement tools it shall be applied to the accompanying documents.

5. Testing of standard specimens or measurement tools with the goal of type approval shall be carried out by legal entities accredited as per the established procedure in the field of ensuring the uniformity of measurements.

6. Information on approved types of standard specimens and types of measurement tools shall be entered in the Federal Information Base for Ensuring the Uniformity of Measurements.

7. The procedure for testing standard specimens or measurement tools with the goal of approval of the type, the procedure for approval of the type of standard specimens or

the type of measurement tools, the procedure for issuing certificates of approval of the type of standard specimens or the type of measurement tools, for setting and changing the effective term of said certificates and the interval between consecutive verifications of measurement tools, the requirements applicable to signs of approval of the type of standard specimens or the type of measurement tools and the procedure for their application shall be established by the federal executive agency duly authorized to perform the functions of state policy elaboration and normative legal regulation in the field of ensuring the uniformity of measurements. The procedure for testing standard specimens or measurement tools with the goal of approval of the type and the procedure for approval of the type of standard specimens or the type of measurement tools shall be established with account being taken of the nature of manufacture of the standard specimens and measurement tools (mass production or one-off production).

8. The legal entities and individual entrepreneurs carrying out the development, release from a production facility, importation into the territory of the Russian Federation, sale and use on the territory of the Russian Federation of the standard specimens and measurement tools, which are not intended for application in the domain of state regulation for ensuring the uniformity of measurements, may voluntarily present them for approving the type of the standard specimens or the type of the measurement tools.

Article 13. Verification of Measurement Tools

1. The measurement tools intended for application in the domain of state regulation for ensuring the uniformity of measurements are subject to primary verification before they get commissioned and also after any repair performed, as well as to periodical verifications in the course of operation. The legal entities and individual entrepreneurs using measurement tools in the domain of state regulation for ensuring the uniformity of measurements shall timely present the measurement tools for verification.

2. A verification of measurement tools shall be carried out by legal entities and individual entrepreneurs accredited as per the established procedure in the field of ensuring the uniformity of measurements.

3. The Government of the Russian Federation shall establish a list of the measurement tools to be verified only by the state regional metrology centers accredited as per the established procedure in the field of ensuring the uniformity of measurements.

4. Results of measurement tools verification shall be certified by a verification sign and/or a certificate of verification. Design of the measurement tools shall allow the application of the verification sign at a visible place. If specificities of the design or the operating conditions of the measurement tools do not allow the application of the verification sign directly to the measurement tools, it shall be applied to the certificate of verification.

5. The procedure for a verification of measurement tools, the requirements applicable to a verification sign and to the content of a certificate of verification shall be established by the federal executive agency duly authorized to perform the functions of state policy elaboration and normative legal regulation in the field of ensuring the uniformity of measurements.

6. Information on the results of a verification of measurement tools intended for application in the domain of state regulation for ensuring the uniformity of measurements shall be sent to the Federal Information Base for Ensuring the Uniformity of Measurements by the legal entities and individual entrepreneurs that carry out the verification of measurement tools.

7. The measurement tools not intended for application in the domain of state regulation for ensuring the uniformity of measurements may be verified on a voluntary basis.

Article 14. The Metrological Expert Examination

1. The requirements contained in draft normative legal acts of the Russian Federation being applicable to measurements, standard specimens and measurement tools are subject to a compulsory metrological expert examination. The statements resulting from a compulsory metrological expert examination in respect to said requirements shall be considered by the federal executive governmental bodies that adopt these acts. A compulsory metrological expert examination of the requirements contained in draft normative legal acts of the Russian Federation as applicable to measurements, standard specimens and measurement tools shall be carried out by state scientific metrological institutes.

2. A compulsory metrological expert examination of standards, products, design, construction and technological documentation and other objects shall also take place in accordance with the procedure and in the cases envisaged by the legislation of the Russian Federation. Said expert examination shall be carried out by the legal entities and individual entrepreneurs accredited as per the established procedure in the field of ensuring the uniformity of measurements.

3. The procedure for carrying out a compulsory metrological expert examination of the requirements contained in draft normative legal acts of the Russian Federation as applicable to measurements, standard specimens and measurement tools shall be established by the federal executive governmental bodies duly authorized to perform the functions of state policy elaboration and normative legal regulation in the field of ensuring the uniformity of measurements.

4. The following may be carried out on a voluntary basis: a metrological expert examination of products, design, construction and technological documentation and other objects for which no compulsory metrological expert examination is envisaged by the legislation of the Russian Federation.

Article 15. The State Metrological Supervision

1. A state metrological supervision shall be carried out in respect of:

1) the observance of the compulsory requirements in the domain of state regulation for ensuring the uniformity of measurements applicable to measurements, units, as well as to unit standards, standard specimens and measurement tools in course of their release from a production facility, importation into the territory of the Russian Federation, sale and use on the territory of the Russian Federation;

2) the existence and observance of attested measurement methods (techniques);

3) **expired since August 1, 2011.**

2. State metrological supervision shall cover the activities of the legal entities and individual entrepreneurs that carry out:

1) the measurements within the domain of state regulation for ensuring the uniformity of measurements;

2) the release from production facilities of the unit standards, standard specimens and measurement tools intended for application in the domain of state regulation for ensuring the uniformity of measurements, and also their importation into the territory of the Russian Federation, sale and use on the territory of the Russian Federation;

3) the packing up of goods.

3. The legal entities and individual entrepreneurs shall notify of beginning of their activities on manufacturing the unit standards, standard specimens and measurement tools in accordance with the procedure established by the Federal Law №294-FZ of December 26, 2008 "On protection of rights of legal entities and individual entrepreneurs in the exercise the state control (supervision) and municipal control.

4. Expired since August 1, 2011

5. State metrological supervision shall be carried out by empowered federal executive governmental bodies (hereinafter referred to as "state supervision bodies ") in their jurisdiction, in accordance with the procedure established by the Government of the Russian Federation.

6. The relationships concerned to the execution of state metrological supervision, the organization and implementation of inspections of relevant legal entities and individual entrepreneurs shall be subject to the provisions of Federal Law N 294-FZ of December 26, 2008 " On protection of rights of legal persons and individual entrepreneurs in the exercise of the state control (supervision) and municipal control".

Article 16. Expired.

Article 17. The Rights and Duties of Officials Executing the State Metrological Supervision

1. The duty of carrying out inspections in the course of state metrological supervision shall rest with officials of the federal executive governmental bodies responsible for state metrological supervision and those of their territorial bodies.

2. Having shown their service identity cards and an inspection order of the federal executive agency charged with state metrological supervision, the officials who carry out the inspection described in part 1 of the present article are entitled to:

1) visit facilities (areas and premises) of legal entities and individual entrepreneurs for the purpose of carrying out state metrological supervision when they are executing their service duties;

2) obtain the documents and information required for the purposes of verification.

3. The officials who carry out the state metrological supervision shall:

1) verify the conformity of used units to the units admitted for application in the Russian Federation;

2) verify the conditions and use of unit standards, standard specimens and measurement tools with the goal of establishing whether they meet relevant compulsory requirements;

3) verify the existence and observance of certified measurement methods (techniques);

4) verify the observance of the compulsory requirements applicable to measurements;

5) verify the observance by the legal entities and individual entrepreneurs specified in part 3 of Article 15 of this Federal Law of the established procedure for notification of their activities;

6) observe state, commercial, service and other law-protected secrets.

4. If violations have been discovered, an official who is carrying out state metrological supervision shall:

1) prohibit the release from a production facility, the importation into the territory of the Russian Federation and sale of standard specimens and measurement tools of non-approved types that are intended for application in the domain of state regulation for ensuring the uniformity of measurements, or standard specimens and measurement tools that do not meet compulsory requirements and are intended for application in the domain of state regulation for ensuring the uniformity of measurements (except for the release from a production facility and importation into the territory of the Russian Federation of standard specimens or measurement tools that are intended for testing standard specimens or measurement tools for the purpose of approving a type);

2) prohibit the use of standard specimens and measurement tools of non-approved types or standard specimens and measurement tools that do not meet compulsory

requirements as well as application of non-verified measurement tools when measurements within the domain of state regulation for ensuring the uniformity of measurements are being performed;

3) apply to measurement tools a sign of unserviceability in cases when a measurement tool does not meet compulsory requirements;

4) issue enforcement orders and set terms for elimination of breaches of the compulsory requirements established by the legislation of the Russian Federation;

5) in the cases envisaged by the legislation of the Russian Federation, send materials regarding any breach of provisions of the legislation of the Russian Federation on ensuring the uniformity of measurements to judicial and investigation bodies and also to the federal executive agency charged with accreditation in the field of ensuring the uniformity of measurements;

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

5. The form of the sign of unserviceability of measurement tools and the procedure for the application thereof shall be established by the federal executive agency duly authorized to perform the functions of state policy elaboration and normative legal regulation in the field of ensuring the uniformity of measurements.

Chapter 4. Calibration of Measurement Tools

Article 18. Calibration of Measurement tools

1. The measurement tools not intended for application in the domain of state regulation for ensuring the uniformity of measurements may be subjected to calibration on a voluntary basis. The calibration of measurement tools shall be carried out with the use of the unit standards traceable to the primary state standards of the relevant units or to the national unit standards of foreign states if there are no relevant primary state unit standards.

2. The legal entities and individual entrepreneurs carrying out the calibration of measurement tools on a voluntary basis may be accredited in the field of ensuring the uniformity of measurements.

3. Results of measurement tools calibration completed by legal entities or individual entrepreneurs that are accredited as per the established procedure in the field of ensuring the uniformity of measurements may be used in the verification of measurement tools in accordance with the procedure established by the federal executive agency duly authorized to perform the functions of state policy elaboration and normative legal regulation in the field of ensuring the uniformity of measurements.

Chapter 5. Accreditation in the Field of Ensuring the Uniformity of Measurements

Article 19. Accreditation in the Field of Ensuring the Uniformity of Measurements

1. Accreditation in the field of ensuring the uniformity of measurements shall be carried out with the goal of official recognition of a legal entity's or individual entrepreneur's capacity to carry out the works and/or provide the services towards ensuring the uniformity of measurements in line with this Federal Law. These works and/or services are as follows:

- 1) certification of the measurement methods (techniques) that are related to the domain of state regulation for ensuring the uniformity of measurements;
- 2) testing of standard specimens or measurement tools with the goal of approving a type;
- 3) verification of measurement tools;
- 4) compulsory metrological expert examination of standards, products, design, construction and technological documentation and other objects that is carried out in the cases envisaged by the legislation of the Russian Federation.

2. Accreditation in the field of ensuring the uniformity of measurement shall be carried out on the basis of the following principles:

- 1) voluntary participation;
- 2) competency and independence of accreditation experts;
- 3) prohibition of combining the accreditation authority with the performance of the works and/or services specified in the part 1 of the present article;
- 4) the use of uniform accreditation rules, and transparency and accessibility thereof;
- 5) provision of equal conditions for the persons contending for accreditation;
- 6) inadmissibility of illegal restrictions on the rights of accredited legal entities and individual entrepreneurs to perform works and/or render services in the field of ensuring the uniformity of measurements for all consumers (customers) and everywhere on the territory of the Russian Federation.

3. The regulations on a system of accreditation in the field of ensuring the uniformity of measurements that designate the federal executive agency responsible for accreditation in the field of ensuring the uniformity of measurements and specify a structure of the system, an accreditation procedure, a procedure for setting accreditation criteria, a procedure for certification of the accreditation experts recruited on a contractual basis by the federal executive agency responsible for accreditation in the field of ensuring the uniformity of measurements, and a procedure for payment for the work of said experts shall be approved by the Government of the Russian Federation.

Chapter 6. The Federal Information Base for Ensuring the Uniformity of Measurements

Article 20. The Federal Information Base for Ensuring the Uniformity of Measurements

1. Normative legal acts of the Russian Federation, normative documents, information databases, international documents, international treaties of the Russian Federation in the field of ensuring the uniformity of measurements, information related to certified measurement methods (techniques), a unified list of the measurements related to the domain of state regulation for ensuring the uniformity of measurements, information on state unit standards, information on approved types of standard specimens or types of measurement tools, information on the results of verification of measurement tools shall make up the Federal Information Base for Ensuring the Uniformity of Measurements. The keeping of the Federal Information Base for Ensuring the Uniformity of Measurements and the provision of the information contained therein shall be organized by the federal executive agency duly authorized to perform the function of state service provision and state property management in the field of ensuring the uniformity of measurements.

2. As per the procedure established by the part 3 of the present article, the persons concerned shall be provided with the documents and information contained in the Federal Information Base for Ensuring the Uniformity of Measurements, except for cases when such access to said documents and information is to be restricted in the interests of non-disclosure of state, commercial, service and/or other law-protected secrets.

3. The procedure for setting up and keeping the Federal Information Base for Ensuring the Uniformity of Measurements, for the transfer of information into it and provision of the documents and information contained therein shall be established by the federal executive agency duly authorized to perform the functions of state policy elaboration and normative legal regulation in the field of ensuring the uniformity of measurements.

Chapter 7. The Organizational Bases Ensuring the Uniformity of Measurements

Article 21. The Federal Executive Governmental Bodies, State Scientific Metrological Institutes, State Regional Metrology Centers, Metrology Services and Organizations Pursuing the Activity of Ensuring the Uniformity of Measurements

1. The activity of ensuring the uniformity of measurement is based on the legislation of the Russian Federation on ensuring the uniformity of measurements and it shall be pursued by:

1) federal executive governmental bodies duly authorized to perform the functions of state policy elaboration and normative legal regulation, state service provision and state property management in the field of ensuring the uniformity of measurements, and state metrological supervision;

2) state scientific metrological institutes and state regional metrology centers which are under the jurisdiction of the federal executive agency duly authorized to perform the functions of state service provision and state property management in the field of ensuring the uniformity of measurements;

3) the State Service on Time, Frequency and Assessment of Earth Rotation Parameters, the State Service on Standard Reference Data on Physical Constants and the Properties of Substances and Materials, the State Service on Standard Specimens of Composition and Properties of Substances and Materials directed by the federal executive agency duly authorized to perform the functions of state service provision and state property management in the field of ensuring the uniformity of measurements;

4) metrological services, including the legal entities and individual entrepreneurs accredited as per the established procedure in the field of ensuring the uniformity of measurements.

2. The principal tasks of the federal executive governmental bodies duly authorized to perform the functions of state policy elaboration and normative legal regulation, state service provision and state property management in the field of ensuring the uniformity of measurements, and state metrological supervision are:

1) state policy elaboration and normative legal regulation in the field of ensuring the uniformity of measurements as well as coordination of the activity of normative legal regulation in this area;

2) organization of interaction with governmental bodies of foreign states and with international organizations in the field of ensuring the uniformity of measurements;

3) state policy implementation in the field of ensuring the uniformity of measurements;

4) coordination of the activities aimed to implement the state policy in the field of ensuring the uniformity of measurements;

5) execution of the state metrological supervision and coordination of activities aimed at executing it.

3. The distribution of powers among the federal executive governmental bodies duly authorized to perform the functions of state policy elaboration and normative legal regulation, state service provision and state property management in the field of ensuring the uniformity of measurements and state metrological supervision shall be done by the Government of the Russian Federation.

4. The principal tasks of the state scientific metrological institutes are:

1) carrying out fundamental and applied scientific research, experimental development and pursuing scientific and technological activities in the field of ensuring the uniformity of measurements;

2) elaboration, improvement, maintenance, comparison and the use of primary state unit standards;

3) transfer of quantity units from primary state unit standards;

4) involvement in elaboration of draft normative documents in the field of ensuring the uniformity of measurements;

5) carrying out a compulsory metrological expert examination of the requirements applicable to measurements, standard specimens and measurement tools contained in draft normative legal acts of the Russian Federation;

6) creation and keeping the Federal Information Base for Ensuring the Uniformity of Measurements and providing the documents and information contained therein;

7) involvement in international cooperation in the metrology field.

5. The state scientific metrological institutes may also carry out another works and/or provide another services related to ensuring the uniformity of measurements.

6. The principal tasks of the state regional metrology centers are:

1) verification of measurement tools in accordance with the scope of accreditation established;

2) improvement, maintenance and application of the state unit standards used to ensure the traceability of other unit standards and measurement tools to the primary state unit standards.

7. The state regional metrology centers may also carry out another works and/or provide another services related to the ensuring the uniformity of measurements.

8. The State Service on Time, Frequency and Assessment of Earth Rotation Parameters shall carry out the scientific and engineering as well as metrological activities aimed at reproducing a national time scale and standard frequencies, assessing the parameters of the Earth's rotation and also catering for the state's need for standard time and frequency signals and for information on the parameters of the Earth's rotation.

9. The State Service on Standard Specimens of Composition and Properties of Substances and Materials shall carry out the activity of elaborating, testing and introducing standard specimens of composition and properties of substances and materials for the purposes of ensuring the uniformity of measurements on the basis of application of said standard specimens, as well as the activity of keeping relevant sections of the Federal Information Base for Ensuring the Uniformity of Measurements.

10. The State Service on Standard Reference Data on Physical Constants and the Properties of Substances and Materials shall carry out the activity of elaborating and introducing into the science and technology domain the standard reference data on physical constants and the properties of substances and materials for the purposes of ensuring the uniformity of measurements on the basis of application of said standard reference data, as well as the activity of keeping relevant sections of the Federal Information Base for Ensuring the Uniformity of Measurements.

11. The State Service on Time, Frequency and Assessment of Earth Rotation Parameters, the State Service on Standard Reference Data on Physical Constants and the Properties of Substances and Materials and the State Service on Standard Specimens of Composition and Properties of Substances and Materials shall carry out activities in compliance with regulations on them approved by the Government of the Russian Federation.

Article 22. The Metrological Services of Federal Executive Governmental Bodies

1. The federal executive governmental bodies that carry out functions in the areas of activity specified in parts 3 and 4 of Article 1 of this Federal Law shall establish metrological services and/or designate officials for the goal of organizing the activities aimed at ensuring the uniformity of measurements as per the established procedure and within the scope of their powers.

2. The rights and duties of the metrological services of federal executive governmental bodies and the procedure for organizing and coordinating their activities shall be defined

by regulations on the metrological services endorsed by the heads of the federal executive governmental bodies that have set up those metrological services, by agreement with the federal executive governmental bodies duly authorized to perform the functions of state policy elaboration and normative legal regulation in the field of ensuring the uniformity of measurements

Chapter 8. Liabilities for a Breach of the Legislation of the Russian Federation on Ensuring the Uniformity of Measurements

Article 23. The Liabilities of Legal Entities, Their Heads and Employees and Individual Entrepreneurs

The legal entities, their heads and employees and the individual entrepreneurs that have committed a breach of the legislation of the Russian Federation on ensuring the uniformity of measurements, that are obstructing without a sound reason the execution of state metrological supervision and/or defaulting within the established term on the execution of orders on elimination of irregularities discovered, which have been issued by the federal executive governmental bodies charged with state metrological supervision, shall be liable under the legislation of the Russian Federation.

Article 24. The Liabilities of Officials

1. The officials of the federal executive governmental bodies that carry out the functions of state policy elaboration and normative legal regulation, state service provision, state property management in the field of ensuring the uniformity of measurements, the federal executive governmental bodies responsible for state metrological supervision, and the organizations subordinated thereto, which have committed a breach of the legislation of the Russian Federation on ensuring the uniformity of measurements, shall be liable under the legislation of the Russian Federation.

2. The actions (omissions) of officials can be appealed in accordance with the legislation of the Russian Federation. Any appeal against actions (omissions) of officials shall not suspend the performance of orders issued by those officials, except for the cases envisaged by the legislation of the Russian Federation.

Chapter 9. Financing in the Field of Ensuring the Uniformity of Measurements

Article 25. Financing in the Field of Ensuring the Uniformity of Measurements with Federal Budget Funds

Federal budget funds shall be used to finance expenditures towards:

- 1) elaboration, improvement and maintenance of primary state unit standards;
- 2) elaboration and improvement of state unit standards;
- 3) fundamental research in the field of metrology;
- 4) performance of works relating to the activities of the State Service on Time, Frequency and Assessment of Earth Rotation Parameters, the State Service on Standard Reference Data on Physical Constants and the Properties of Substances and Materials and the State Service on Standard Specimens of Composition and Properties of Substances and Materials;
- 5) elaboration of the normative documents in the field of ensuring the uniformity of measurements endorsed by federal executive governmental bodies;
- 6) performance of the state metrological supervision activities;
- 7) comparison of primary state unit standards with relevant unit standards of the International Bureau of Measures and Weights and national unit standards of foreign states;
- 8) payment of the Russian Federation's contributions to international metrology organizations;
- 9) formation and keeping of the Federal Information Base for Ensuring the Uniformity of Measurements;
- 10) payment for the work of accreditation experts recruited on a contractual basis by the federal executive agency charged with accreditation in the field of ensuring the uniformity of measurements.

Article 26. Payment for the Works and/or Services Ensuring the Uniformity of Measurements

1. The works and/or services related to performance of a compulsory metrological expert examination of the requirements contained in draft normative legal acts of the Russian Federation, which are applicable to measurements, standard specimens and measurement tools, to units transfer from state unit standards, and to verification of the measurement tools included in the list of measurement tools to be verified only by the state regional metrology centers accredited in the field of ensuring the uniformity of measurements, shall be paid for at regulated prices as per the procedure established by the Government of the Russian Federation.

2. The works and/or services related to performance of tests of the standard specimens or measurement tools for the purposes of approval a type, to measurement methods (techniques) certification, to the metrological expert examination specified in parts 2 and 4 of Article 14 of this Federal Law, to verification of the measurement tools not included in the list of measurement tools specified in part 1 of the present article, and to calibration of measurement tools, shall be paid for by the persons concerned in accordance with the terms of agreements (contracts), except as otherwise envisaged by the legislation of the Russian Federation.

Chapter 10. Final Provisions

Article 27. Final Provisions

1. The normative legal acts of the Russian Federation envisaged by this Federal Law, except for the normative legal acts of the Russian Federation within the scope of legislation of the Russian Federation on technical regulation shall be adopted within two years after the entry into force of this Federal Law.

2. Before the entry into force of this Federal Law, the federal executive governmental bodies responsible for normative legal regulation in the areas of activity specified in part 3 of Article 1 of this Federal Law shall determine, within the scope of their powers, the lists of measurements deemed to be within the domain of state regulation for ensuring the uniformity of measurements, by agreement with the federal executive agency duly authorized to perform the functions of state policy elaboration and normative legal regulation in the field of ensuring the uniformity of measurements.

3. The normative legal acts of the Government of the Russian Federation as well as the metrological rules and norms adopted pursuant to Law of the Russian Federation № 4871-I of April 27, 1993 on Ensuring the Uniformity of Measurements shall keep effective, insofar as they do not conflict with this Federal Law, from the date of entry into force of this Federal Law and till the date of entry into force of the normative legal acts of the Russian Federation envisaged by this Federal Law.

4. The documents issued in compliance with the metrological rules and norms specified in part 3 of the present article shall keep effective till the end of their effective term.

Article 28. On Invalidation of Some Legislative Acts (Provisions of Legislative Acts) of the Russian Federation

As of the date of entry into force of this Federal Law the following shall be deemed no longer effective:

1) Law of the Russian Federation № 4871-I of April 27, 1993 on Ensuring the Uniformity of Measurements (Vedomosti S'ezda Narodnykh Deputatov Rossiyskoy Federatsii i Verkhovnogo Soveta Rossiyskoy Federatsii, item 811, № 23, 1993);

2) Resolution of the Supreme Soviet of the Russian Federation № 4872-I of April 27, 1993 on Putting into Force the Law of the Russian Federation on Ensuring the Uniformity of Measurements (Vedomosti S'ezda Narodnykh Deputatov Rossiyskoy Federatsii i Verkhovnogo Soveta Rossiyskoy Federatsii, item 812, № 23, 1993);

3) Article 7 of Federal Law № 15-FZ of January 10, 2003 on Amending Some Legislative Acts of the Russian Federation in Connection with the Adoption of the Federal Law on Licensing Specific Types of Activity (Sobranie Zakonodatelstva Rossiyskoy Federatsii, item 167, № 2, 2003).

Article 29. The Entry into Force of this Federal Law

This Federal Law shall enter into force upon expiry of 180 days after its official publication.

President
of the Russian Federation
Medvedev

D.

The Kremlin, Moscow
June 26, 2008
№102-FZ