# CERTIFICATION, BASIC CONCEPTS AND TERMS FOR CERTIFICATION OF PRODUCTS AND SERVICES

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#### **Annotation**

General information about certification, which means "done right" in Latin. In order to make sure that a product is "made correctly", you need to know what requirements it must meet and how it is possible to obtain reliable evidence of this compliance. CProduct certification is a confirmation of product compliance with the requirements set out in the regulatory document.

**Keywords**: measurements, standard, probability, error, physicale values, results "Certification" is a procedure by which a third party certifies in writing that a product, process, or service meets specified requirements.

The generally accepted method of such certification is conformity certification. In general terms, the term "compliance" is defined as "compliance with specified requirements for a product, (process, service)".

Confirmation of conformity through certification involves the mandatory participation of a third party according to the rules of a certain procedure. A third party is a person or bodyaн, that is independent of either the supplier (first party) or the consumer (second party). Certification is considered the most reliable way to prove that a product (process, service) meets the specified requirements. Proof of compliance is carried out according to a particular system that contains its own rules of procedure and management.

The certification system generally consists of: the central body that manages the system and supervises its activities; participants and members of the system (certification bodies, testing -nlaboratories, control bodies); regulatory documents for compliance with which certification is carried out; certification procedures; and the procedure for inspection control.

Certification systems can operate at national, regional and international levels. If the certification system is engaged in proving the conformity of a certain type of product (process, service), it is a system of certification of homogeneous products, which in its practice applies standards, rules and procedures related specifically to this product.

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Any certification system uses regulatory documents (ND) that are used for conformity assessment. A certificate — of compliance is a document issued in accordance with the rules of the certification system, confirming that the necessary confidence is provided that a properly identified product (process, service) meets a specific standard or other regulatory document.

The certificate can relate to all the requirements of the standard, as well as individual sections or specific product characteristics, which is clearly stipulated in the document itself. The information provided in the certificate should allow it to be compared with the results of the tests on the basis of which it is issued.

A conformity mark — is a mark used in accordance with the rules of the certification system for prompt confirmation of product conformity. The sign is placed directly on the product or packaging itself.

Recognition agreements are concluded at the national, regional and international levels. A unilateral agreement consists of one party accepting the results of the other party's work.

The main organizational and methodological principles of certification are:

- ensuring the reliability of information about the certification object;
- objectivity and independence from the manufacturer and consumer;
- exclusion of discrimination against foreign applicants;
- the right of the applicant to choose a certification body and a testing laboratory;
- responsibility of certification participants and experts;
- openness of information on the results of certification or on the termination (cancellation)
  of the certificate, (mark) of conformity;
- variety of methods and professionalism of testing, taking into account the characteristics of the certification object, its production and consumption;
- use in certification activities certification of ISO/IEC recommendations and rules and other international documents;
- recognition of the accreditation of foreign certification bodies and testing laboratories,
  certificates and marks of conformity on the basis of various agreements in which
  Uzbekistan participates;
- confidentiality of information constituting a trade secret;
- involvement of consumer societies in certification work, if necessary.

#### Literature

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