



Systematic Analysis of Standardization in Uzbekistan

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Annotation: The role and importance of standardization activities, standardization, metrology and certification, including the implementation of a unified policy in the field of improving the quality and competitiveness of products based on the application of international standards for the quality management system, and a systematic analysis of standardization are presented in the article.

Keywords: standardization, modeling, identification, model, optimization.

At the current stage of economic and social development of the country, with the growing role and importance of standardization activities, attention to this activity is increasing, efforts to increase its efficiency and weight in the economy are increasing. As the nomenclature of consumer goods increases in the society, the requirements for their quality and safety are also increasing. Products are considered objects of standardization and have many characteristics according to their functions and are in complex relationships with other objects.

Optimizing parameters of standardization objects - choosing the best option by comparing and evaluating all possible options. In this, the optimal distribution of the economic, technical and social effects of standardization will be determined, taking into account the material and labor costs, and the scientific, technical and production possibilities will be agreed based on the needs of the economic sectors. In this case, the following are determined:

- the dependence of the effect on the parameters being optimized, the introduction of the standard and the time of its implementation;
- interdependence of all types of expenses;
- goals of development and application of standardization objects, taking into account scientific and technical possibilities at a certain level of scientific and technical development.

At each stage of its development, standardization operates based on historical achievements and accumulated experience and uses this experience as necessary. The following directions are of great importance in the theory and methodology of standardization:

- Systematic analysis in solving standardization problems;
- Methods of optimization of standards requirements;



--- Quality management based on standardization

--- Statistical methods of quality control and other similar areas are considered Systemic analysis is divided into three categories of work:

--- General principles are defined, based decisions are made on complex technical problems

--- Analysis of existing and created systems will be conducted, based on the result, a complex of methodological, normative and technical documents will be developed

--- Analysis and optimization of complex complexes will be carried out.

In the Republic of Uzbekistan, within the limits of their powers to carry out scientific and research work in the fields of standardization, metrology, conformity assessment and other types of legislation, the state and economic management agencies are responsible for the operation and development of standardization, metrology certification systems, scientific and technical information in these fields. distribution, as well as the implementation of scientific and technical promotion in the fields of standardization, metrology, certification in order to ensure their harmonization with the international, interstate and national systems of foreign countries.

Standards and amendments to them for the sold to the Consumers products subject to the state registration in the bodies of the “Uzstandard” Agency. Normative documents on standardization registered in the Agency “Uzstandard” make up national information fund. National information fund in the Agency “Uzstandard” includes about 65 thousand units of the normative documents. According to the current legislation in the Republic of Uzbekistan the normative documents of the following categories are to be applied:

- international (interstate, regional) standards;
- national standards of the Republic of Uzbekistan;
- organization standards;
- national standards of the foreign countries;

Twelve Technical Committees (TC) have been set up for the organization and fulfillment of works related to the standardization of the certain kinds of products and technology or different kinds of activity as well as works at the above-mentioned objects regarding international (regional) standardization in the Republic of Uzbekistan.

Requirements established by the normative documents for the ensuring of the products, works and services, safety for the environment, health and property. For the provision of the technical and information compatibility, products replacement, unity of the control methods and marking as well as the other requirements established by the legislation of the Republic of Uzbekistan are obligatory for the observance by the public governing authorities and business entities.

National Inspection over the observance of the obligatory standards requirements, the other acts of legislation related to the standardization by the business entities. Is made by epy “Uzstandard” Agency National Architectural Building, National Committee of Nature, Ministry of Health and their territorial bodies as well as the other specially authorized public governing bodies within the bounds of their competence.

Further improvement of the system of standardization, metrology and certification of products and services the main goal is to ensure compliance with international norms and requirements, to increase the competitiveness of products produced in our country based on the use of such international standards. The national system of products, services, processes, human life and health, environment and property safety in the territory of the country, ensuring the constant improvement of the quality of local products and their competitiveness in the foreign market, as



well as being harmonized with the requirements of international and interstate systems need In order to realize these goals, the following tasks have been defined in the implementation of research:

- to maintain the general basis of standardization
- to expand the use of international experience in the practice of standardization
- to strengthen the country's participation in international and international standardization
- to ensure that standards specify mandatory and recommended requirements for products, services, processes
- to ensure the introduction of enterprise standards developed and approved by organizations and enterprises to consumer goods in a wide nomenclature
- to ensure the development of standards by national and interstate standardization committees
- to strengthen the impact of standardization on product quality management
- expanding the practice of developing national standards on the basis of international standards.

In conclusion, it should be said that the organization of production based on the normative documents of standardization, relying on the scientific achievements of our country, following the examples of the achievements of developed countries in the world, new standards includes ensuring consistency between categories in development processes and their application in all sectors of the national economy.

List of used literature:

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