The Regulatory Framework in the Organization, Management and Production Efficiency

M G Mustafaev¹, D G Mustafeva¹, G A Mustafaev¹
¹North Caucasus mining metallurgical Institute (State Technical University), Vladikavkaz, Russia

E-mail: dzhamilya79@yandex.ru

Abstract. The basis for successful operation of industrial enterprises and the quality assurance of products quality management is based on a progressive regulatory framework and to ensure its respect in the production process. The role of standardization in the quality management of the products at the present stage is to strengthen the organic link with the quality standards, as well as the organizational possibilities of standardization on the combined efforts of enterprises to their targeted effects on quality at all stages of production and management levels. The Foundation of organizational-economic nature of the system of quality control is the normative-technical and methodological documentation, ensuring unity and regulating action according to the directions of the work. Assessment of product quality and process control specifies the State of the managed object and its deviations from the specified level. Building a system for the creation and production of high quality products in strict accordance with the requirements of normative documentation and meet consumer needs delivers increased efficiency of production and activities Enterprise. In order to impact on quality at all stages of production and management levels, the entire regulatory framework in the Organization, management and production efficiency is included in the standard, which is mandatory for all services and employees Enterprise. Compliance with the requirements of the standard significantly improve the quality and effectiveness of the functioning of the enterprise.

1. Introduction
The economic situation in industrial enterprises is in an ambiguous situation. The limiting factor for the development of industrial enterprises is inadequate competitiveness on the world market. In this situation, the basis for the successful functioning of the industrial enterprises and quality assurance quality control is based on a progressive regulatory framework and to ensure its respect in the production process. Economic conditions of industrial enterprises are characterized by a high level of competition; therefore, it is necessary to increase the competitive potential. As a basis for ensuring the competitiveness of industrial enterprises stands for quality management.

2. Relevance and scientific relevance of the normative base in quality management and production efficiency
Economic efficiency, organization and management in industrial enterprises makes the end result and the activity of the enterprise as a whole. Increase production efficiency greatly depends on the quality management system that meets the international requirements in the area of governance. Focus on quality of work [1-13], which shows the importance of quality in enterprises, the place and role to play
in ensuring the efficiency of enterprises. In the works for quality management recommendations for the use of various tools of quality management [14-31]. Most recent manifestations of this problem in achieving the goals and objectives of the enterprise is the methodological aspects and the regulatory framework in quality management and production efficiency in accordance with modern principles and rules to achieve the desired quality activities. This approach provides a basis for increasing production efficiency and the functioning of the enterprise, ensure product quality and stresses the importance of the problems of functioning of industrial enterprise in the current economic conditions. Relevance and scientific importance of this issue is important for industrial enterprises with a view to improving their effectiveness.

3. Normative basis in the management and production efficiency

Basis of quality management is the State Standardization System. The special role of standardization in the quality management of the products at the present stage is to strengthen the organic link with the quality standards, as well as large institutional capacities to integrate enterprise standardization and organizations, regardless of their affiliation to their targeted impact on quality at all stages of production and management levels.

Standards have a critical impact on the quality of all stages of formation, from planning through to consumption. They allow for complex linking the quality requirements of raw materials, components and finished products, establish uniform requirements for the main parameters and dimensions, indicators of reliability and durability, as well as establish uniform methods and tools product testing and quality control.

Standard set for a certain period of time optimal technical level and product quality. To improve the product quality standardization uses techniques such as harmonization, normalization, unitized, typing, creation of parametric and dimension series.

Methods of standardization and aimed at improving the quality of products, are complex standardization, advanced quality improvement of raw materials, components and tools.

Standardization with its methods and capabilities, you can practically implement quality management.

Improved technological processes in enterprises, measures are being taken to strengthen the industrial and technological discipline, timely enactment and strict adherence to standards and technical regulations are created and strengthened service of standardization, metrology and quality control departments.

On the basis of the organizational-economic nature of the quality management system as the basis for its establishment was elected the normative-technical and methodological documentation, appointment of which is to ensure unity and regulation action according to the directions of the work.

In terms of production quality control is becoming an important role development and introduction of normative-technical documentation, regulatory requirements and rules, which are then given the kinds of products and manufacturing variability, specified in guiding technical materials and techniques.

Normative-technical documentation is one of the important links of quality management system products. Such a set of normative-technical and methodological materials include documents specifying:

- economic and organizational issues quality management;
- methods of quantifying and optimizing the quality of products;
- a single certification system of product quality;
- statistical methods of analysis of quality control;
- ensuring reliability; -terminology in the field of quality management.

Product quality management system at the enterprise serves as a basis for decisions in an enterprise quality management issues such as:

- planning and feasibility study on economic evaluation of the quality of products;
- organization of interaction of the various services of the enterprise on quality assurance;
- technical and organizational support for the quality of products;
- organization of statistical control methods;
- promote improvement in product quality.

A special place in the research and development of scientific problems of product quality measurement problems occupy and assess product quality because the process control is meaningless if it is not possible to assess the State of the managed object and its degree of deviation from the specified level.

4. Research, design, planning, accounting, production related to measuring information
The lack of precision, inaccuracy and a limited amount of measuring information entails poor quality of output products.

Designers and technicians determine the optimal item parameters measured and tolerances in particular affecting conditions indicators of accuracy of measurement results of standardized or certified methods measurements, precision pointing them in design and technological documentation.

Assurance system requires the original regulatory framework that includes a number of fundamental standards of State system for ensuring the unity of measurements. These standards establish general rules and regulations of metrological maintenance. Normative base of metrological provision contains state standards, standards of enterprises, methods and instruction.

Systematic development and the development of standards and other normative documents provides an essential basis for the development of metrology. Without the existence of a regulatory framework is essentially impossible to achieve any success in achieving even uniformity of measurement tools. It must be clearly regulated standard size transmission system of physical quantities from standards to working measuring instruments.

The most convenient source form the regulatory framework is a system of standardization capable not only to regulate the level of assurance, but also consistently promote him all the more reasonably address specific tasks in development of metrological assurance system.

When developing the normative and technical documentation you need:
- clarity and consistency, clarity of definition of the scope of the destination document;
- the unambiguity and ease of interpretation of certain provisions;
- observance of the established common in scientific and technical literature, terminology, concepts, designations or standards;
- harmonization with the constructive-technological documentation.

Deviation from these requirements reduces the quality of normative documents.

Metrological maintenance tasks can be implemented provided a systematic approach to organization of metrological assurance on the basis of the development and application of specific legal instruments clearly regulatory solutions.

Introduction of standards for enterprise leads to an overall improvement in product quality. It is essential that the quality level reached and maintained during long-term production. To do this, strict adherence to established processes and operations. Supervision of compliance with the standards and quality of products contributes to the production of high quality products. It provides for the periodic monitoring of the product quality and observance of technological discipline.

Systematic improvement of product quality is a prerequisite for economic development. For this purpose, it is necessary to apply a broad system of activities, including public control, increase the role of indicators of product quality in planning, assessment of enterprises.

The problem of product quality at the present stage of development of production due to the following reasons:
- the technical complexity of devices, appliances, creation of complex systems, and increase linkages between individual elements, components of machines, mechanisms and systems;
- significant economic benefit from improving the quality of products.
Thus, the relevance of the problem of product quality due to objective processes in the science, technology and economy. At the current level of technology and the development of productive forces, issues of product quality are nominated to the forefront of economic and technological development.

The problem of product quality is seen as a problem, which determines the success and effectiveness of the development of the national economy, the competitiveness of products.

With regard to product quality management strategies and criteria development means choosing ways to improve product quality, maximum efficiency. Ultimately, quality management strategy allows you to nominate when planning optimal quality requirements, i.e., in which needs are met fully in the best use of human, material resources.

In order to impact on quality at all stages of production and management levels all normative-technical and methodological documentation, ensuring unity and regulating quality management activities is included in the standard, which is required for all services and employees. Compliance with the requirements of the standard significantly improve the quality and effectiveness of the functioning of the enterprise.

5. Conclusion
Normative base in quality management and production efficiency taking into account modern requirements to the quality of the enterprise activity creates a basis for increased efficiency in the production and operation of enterprises, quality assurance products and stresses the importance of the problems of functioning of industrial enterprise in the current economic conditions. Implementation of the suggested approach allows you to move to a qualitatively new level of production efficiency. The end result is a build system for creating and producing high quality products in strict accordance with the requirements of normative documentation and meet consumer needs.

6. References
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