

Implementation of Quality Management in the Enterprises Producing Building Materials and Ensuring Its Effectiveness

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Abstract: *In this article, scientific-based proposals have been developed on the implementation of Quality Management in the enterprises of construction materials production of the country and ensuring its effectiveness, coordination of public policy in the field of state (international) standards, increasing the competitiveness of enterprises by introducing international quality standards, planning the processes of introduction of modern international standards, setting the main tasks*

Keywords: Technical regulation, regulations, product safety, quality management, standardization, quality control.

I. INTRODUCTION

Currently, works aimed at the introduction of international standards in enterprises are carried out on a large scale in order to further expand the production of building materials, which are in stable demand in the domestic and foreign markets of the Republic, to organize the production of quality and competitive finished products.

It is worth noting that today the slowness of the implementation of international standards, the lack of mature managers and specialists in this direction are causing a number of problems in the introduction of international standards to enterprises producing a large number of building materials.

In order to ensure the competitiveness of the products of industrial enterprises in the conditions of changing market requirements, it is necessary to create safe working conditions by producing quality and safe building materials corresponding to international and national standards, as a result of which the expansion of product sales markets and increasing the volume of product exposures, ensuring the safety and reliability.

II. METHODOLOGY

The fact that the construction materials produced by domestic enterprises meet international quality requirements and international standards plays an important role in their worthy place in the world market. The introduction of quality management systems (QMS) in enterprises serves as a guarantee for the quality and safety of manufactured building materials. This will improve the quality of manufactured construction products and provide consumers with quality and environmentally friendly products.

Currently, a lot of attention is paid to this area at the governmental level. Decisions of the President and the Cabinet of Ministers of the Republic of Uzbekistan serve as the legal and regulatory framework for the introduction of international quality systems in domestic enterprises, according to Resolution of the President of the Republic of Uzbekistan No. DP-1731 "On additional measures to strengthen incentives for exporting enterprises and expand the supply of competitive products" introduction of quality management systems, certification of products for compliance with international standards, as well as the current procedure for reducing the tax base for a single tax on the purchase of new technological equipment for the purchase of laboratory tests and testing complexes for micro and small enterprises.

According to the Resolution of the Government of the Republic of Uzbekistan dated July 22, No. 349 "On measures to implement quality management systems in enterprises in accordance with international standards" enterprises importing test laboratories for import of technological equipment used in laboratory testing and testing, as well as components and spare parts in accordance with the list approved in the prescribed manner, if their delivery is provided for in the contract for the supply of technological equipment, including customs duties exemption from value added tax.

III. ANALYSIS AND RESULTS

In addition, the Resolution of the Cabinet of Ministers of the Republic of Uzbekistan dated June 19, 2009, No. 173 "On additional measures to expand the introduction of quality management systems in enterprises of the Republic in accordance with international standards" attracting a consultant with the appropriate qualifications for the development and implementation of quality management systems in accordance with international standards should be carried out on the basis of open competition,

certification of quality management systems in accordance with international standards should be carried out by the certification bodies accredited in accordance with the procedure established by the legislation, it was mentioned that in other equal conditions when conducting tenders on procurement of products for the needs of the state, priority should be given to the suppliers of products of our country, which have a certified system of quality management, and a number of privileges and amenities should be provided in order to further expand the opportunities of the manufacturing enterprises.

There is mandatory and voluntary certification in Uzbekistan. The leading place in the quality management system market is occupied by the ISO 9001:2008 standard, 85 percent of the market accounted for its share.

The requirements for the product can be determined by the consumers or organization based on the estimated needs of the consumers or the requirements of the regulations. Requirements to the product and, in a number of cases, the processes associated with it can be specified, for example, in technical conditions, in the relevant standards for the product, in contract agreements and regulations.

In order to improve the work in the field of Standardization, Metrology and certification in the sectors of the Real sector of the economy, 558 large industrial enterprises producing more than 600 types of products have been studied.

The quality management system is an important requirement for enterprises producing construction materials, based on the following aspects:

- To improve the quality and safety of building materials - the quality management system (QMS) has methods and tools that allow to identify the causes of defects or deterioration of quality indicators as building materials and establish procedures for improving product quality. It should be noted that the quality of the product is constantly improving;

- To reduce production costs - along with the improvement of quality and production efficiency, the amount of losses associated with obsolete products and the cost of raw materials and consumables will be reduced;

- To improve the management system in the enterprise - by working to improve product quality, experts concluded that 80% of the main reason for non-compliance with quality requirements is in the management of the enterprise, and the remaining 20% depends on the executive branch;

- A large part of quality management consists of a set of rules established for different processes - it divides and establishes the scope of responsibility and accountability between management, between structural and functional subordinates. The second principle of the ISO 9000 quality management system is as follows: "management is not an administrative activity; management is necessary to ensure the integrity of goals and directions, to create an environment in which employees of the enterprise are fully involved in achieving the goals of the enterprise;

- To increase the competitiveness of the enterprise - when the product quality improves, production efficiency increases, the management system of the enterprise improves, the competitiveness of the enterprise increases;

- In order to increase the activity of employees, to create an environment for a creative approach to work - a prerequisite for the active participation of employees in the introduction of quality management systems. The cooperation and involvement of employees in this process allows them to maximize opportunities for the benefit of the enterprise.

IV. DISCUSSIONS

JSC "Kyzylkumtsement", which introduced the ISO 9000 quality management system, is working to diversify the range of products and expand production volumes, processing local raw materials, including the production of the following new types of products in 2019-2020. received certificates of conformity for the following products:

- Sulfate-resistant portland cement SSPC 400 D20;
- Sulfate-resistant portland cement SSPC 500 D20;
- Portland cement PC 500 D20;
- Portland cement PC 600 D0;
- Composite Portland cement TsEMII / A-K 32.5N.

As a result of the introduction of Quality Management in the JSC " Quartz", the production of aerated concrete bricks from quartz sand waste, the creation of a computer model imitating the processes of pouring glass bottles, folk consumer products from window cuttings (bunda is achieved by increasing the quality of the finished product and saving raw materials by reducing its weight), the production.

V. CONCLUSION

Introduction of Quality Management in the production industry of building materials provision of the population with quality building materials by production enterprises, modernization of enterprises, reduction of import volume, expansion of production capacity of export products, creation of new jobs through the commissioning of production capacities, ultimately, prevention of the increase in the price of building materials in the domestic market.

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