
THE DEVELOPMENT OF STANDARDIZATION AND METROLOGY OF COKE AND HCHEMICAL PRODUCTION IN MODERN CONDITIONS

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The article shows the role of the work in the field of standardization and metrology conducted by the institute. The main types of documents have been listed, the development of which is necessary for the production, control and marketing of products in accordance with Ukrainian legislation: national standards and technical specifications for products of coke production, selection rules, sample preparation methods, quality control methods for physical and chemical indicators; toxicological and hygienic passports; safety data sheets. The requirements for the structure and content of the listed documents are disclosed.

The role of harmonization of the regulatory and technical base with EU legislation in the process of European integration of Ukraine is shown. In particular, the obligations under the association agreement between our state and the EU countries were emphasized, according to which Ukraine should adopt European standards as national and cancel the conflicting interstate standards (GOST) developed before 1992 by SE "UKHIN", which performs the functions of secretariat of the technical committee for standardization TC 12 "Coke", in a timely manner developed DSTU and TU instead of the plans to cancel the GOSTs.

In order to ensure the constant quality control of coke-chemical products for technological control of its production and incoming control of raw materials supplied to enterprises, the institute is developing a wide range of measurement methods. The reasons for the relentless relevance of the development of new methods are described. The examples are given due to the progressive increase in requirements for the quality of products, which leads to the appearance of additional (new) quality indicators. All the procedures that the developed analytical methodology should describe in detail are listed. It is shown that increasing requirements for environmental protection entails both expanding the range of applied analytical control methods and developing new ones. Relevant examples are provided.

The works on ensuring the unity and accuracy of measurements in the measuring laboratories of coke and related enterprises are highlighted.

Keywords: measurement, metrology, standardization, standard samples, regulatory documents, approval, inter-laboratory tests, confirmation of competence.

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