



VNIINM  
ROSATOM

## QUALITY POLICY OF JSC "VNIINM"

Joint-Stock Company "Advanced Research Institute of Inorganic Materials named after Academician A.A. Bochvar (JSC "VNIINM") is a leading research and development institution which carries out research and development of fissile nuclear materials, radioactive substances, structural superconducting and nanomaterials; the study of refractory, rare earth, extra pure and other metals and the creation of alloys based on them, the development of technologies for the manufacture of products from them; development of technologies for radiochemical production and radioactive waste management.

JSC "VNIINM" is a multi-purpose organization focused on the ultimate results whose activities range from fundamental research to implementation of production processes at enterprises of the industry, manufacture of products based on novel alloys and designer supervision.

JSC "VNIINM" recognizes that the quality of the products developed affects the safety and effectiveness of facilities for the use of atomic energy (OIAE), thus safety assurance of both the products and the activities of JSC "VNIINM" is given the highest priority.

The Quality Policy determines the objectives, main concepts and focus areas of JSC "VNIINM" in the fields of planning, management, support, control and continuous improvement of quality of the supplied products.

### The main strategic objectives of JSC "VNIINM" in the field of quality are:

- Full compliance with the requirements of consumers (customers) to the quality of manufactured products as established in agreements (contracts), as well as strict adherence to the requirements established by the legislation of Russia, Federal norms and regulations, state and industry standards and other regulatory documents;
- continuous improvement of the quality level of the development and production of advanced research and engineering products, services and operational safety together with unconditional compliance with nuclear and radiation safety standards;
- minimization of risks associated with the use of products manufactured by JSC "VNIINM".

### Activities of JSC "VNIINM" in the field of quality are based on the following principles:

- leadership and commitment of the management; management of activities of JSC "VNIINM" in accordance with the requirements of international ISO 9000 series standards and safety regulations of IAEA; accountability of the personnel for the safety and quality of the supplied products;
- focus on consumers (customers) in the design and development of high-quality competitive and products compliant with the requirements of consumers (customers); endeavor to satisfy and exceed their expectations related to product safety and quality;
- assurance of safety in the course of design and development of technological solutions; assessment of the effect of the planned activities on the product quality assurance;
- assurance of compliance of the research and engineering products with Russian legislation, the requirements of State Corporation "Rosatom", regulatory and other requirements adopted by JSC "TVEL" and JSC "VNIINM" including those agreed upon with consumer (customer);
- transparency and accessibility of information related to quality, safety culture; meaningful cooperation with consumers (customers) and the public;
- systematic and comprehensive resolution of emerging challenges based through the use of risk and opportunity analysis methods; and
- continuous improvement of technological solution design and development processes based on monitoring and analysis of quality of the delivered products.

### Main focus areas of the Quality Policy of JSC "VNIINM" are:

- assurance of successful operation functioning and continuous improvement of the Integrated Quality, Environment, Occupational Health and Safety and Energy Management System (IMS) of JSC "VNIINM" in accordance with the requirements of international standards: ISO 9001, ISO 14001, ISO 45001, ISO 50001 and IAEA safety regulations GS-G-3.1 and GSR Part 2;
- development, implementation and modernization of product design, engineering solutions, equipment, measuring methodologies and instruments, materials and components used in the design and development of engineering solutions in accordance with the requirements of consumers (customers), both currently and over the longer term;
- reduction of the number of occurrences of non-conforming products through consistent analysis of root causes, development of the corrective actions plan, monitoring of its implementation, and analysis of its results;
- development and continuous implementation of plans for the improvement of measurement and test procedures in order to ensure competitiveness of research and engineering products;
- continuous enhancement of the effectiveness of the Quality Management System, continuous improvement of quality of products delivered, services provided and activities carried out while maintaining the unconditional priority of safety assurance and development of safety culture;
- improvement of information and analysis systems used in the collection, recording, analysis, exchange, presentation and storage of data related to quality of engineering solution development, as well as those of quality monitoring and analysis;
- application of advanced methods of risk analysis and utilization of opportunities for the planning, management, assurance, control and improvement of active processes and activities, as well as amendment thereof when making decisions;
- improvement of the regulatory environment of the IMS by way of development and updating of JSC "VNIINM" documents with the aim of introduction of advanced methods and tools of control, management and assurance of quality throughout the stages of design and development of research and engineering products;
- participation in the development of the uniform organizational and information environment of JSC "TVEL" and its subsidiaries which should be aimed at the assurance of effective product quality control and management;
- allocation of human, financial, engineering and timing resources, as well as development of infrastructure, working conditions and a favorable environment needed to ensure quality and safety of the delivered product and services; and
- training of personnel with the aim of continuous enhancement of knowledge and professional skills of specialists, advancement of the competence potential of JSC "VNIINM"; involvement of the personnel into the process of continuous improvement of the IMS in the field of management, assurance and control of quality of research and engineering products; maintenance of the accumulated experience, as well as specialized and critical knowledge.

*The management, specialists and personnel of JSC "VNIINM" undertake the obligation to ensure the implementation of the adopted Policy and maintain it in a relevant state.*

Director General of JSC "VNIINM"

L.A. Karpyuk

27.12. 2019

Approved at the CB meeting  
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