



ELEMASH
ROSATOM

MSZ JSC's Policy on Quality, Environment, Energy Efficiency, Occupational Health & Safety and Sustainable Development

MSZ JSC, a subsidiary company of TVEL JSC, is the largest company in Russia that manufactures nuclear fuel for power and research nuclear reactors. MSZ JSC carries out a full nuclear fuel production cycle, starting from uranium hexafluoride processing and uranium dioxide powder fabrication up to fuel assembly manufacture. MSZ JSC also manufactures components for nuclear reactor cores.

MSZ JSC's principal strategic intentions and directions for setting MSZ JSC's quality, environmental, energy efficiency as well as occupational health and safety objectives are as follows:

- continual improvement of product quality and operational safety, meeting customer needs and expectations, securing sustainable profits needed for continual improvement of MSZ JSC's activities and satisfaction of the interested parties;
- reducing adverse environmental impacts in product manufacture and delivery to as low as reasonably practicable, improving environmental performance allowing to enhance product competitiveness and make its contribution to the environmental component of the sustainable development;
- increasing energy efficiency of production by reducing energy consumption and sustainable energy resource use, reducing specific energy resource consumption per output product item allowing to enhance product competitiveness;
- reducing injury and disease risks, minimising adverse production impacts on personnel health, consistently reducing hazardous and harmful issues to acceptable risk levels, including technical and man-made impacts on personnel (reducing acceptable individual doses and the number of persons exposed in the use of nuclear materials and sources of ionizing radiation).

MSZ JSC carries out its activities in accordance with the Quality Declaration of the State Atomic Energy Corporation Rosatom, the Environmental Policy of the State Atomic Energy Corporation Rosatom, the Unified Industry-Specific Occupational Health & Safety Policy of the State Atomic Energy Corporation Rosatom and its Organisations, the Unified Industry-Specific Industrial Safety Policy of the State Atomic Energy Corporation Rosatom, the Safety Culture Policy of the State Atomic Energy Corporation Rosatom and the Unified Industry-Specific Sustainable Development Policy of the State Atomic Energy Corporation Rosatom and its Organisations.

MSZ JSC's activities are based on the following principles and obligations:

- leadership and commitment of the management to manage the activities and meet the assumed obligations in accordance with the requirements of the interested parties, ISO 9001, ISO 19443, ISO 14001, ISO 45001, ISO 50001 and IAEA (GS-G-3.1, GSR Part 2 and other standards) standards as well as other applicable requirements;
- giving priority to actions, directed at providing nuclear, radiation, and industrial safety;
- ensuring conformity of the product and its manufacturing processes to the requirements of the laws of the Russian Federation, regulatory, technical and other documentation;
- using systematic and comprehensive approach to manage activities, based on contemporary methods for analysing risks and opportunities;
- maintaining the environmental safety and protection system, including pollution prevention, taking actions to address previously accumulated environmental concerns and improving environmental performance of MSZ JSC's activities;
- providing safe and favourable working conditions to prevent work-related personnel injuries and ill health, taking into account the specific nature of occupational health and safety risks;
- remedying hazards and reducing professional risks;
- consulting personnel on the issues related to occupational and health safety;
- consistently meeting the applicable requirements, identifying and implementing the energy conservation potential, as applied to energy efficiency, use and consumption, as well as ensuring the priority of purchasing and using the equipment with improved energy performance;
- providing uninterrupted and reliable power supply;
- transparency and availability of information on quality, environment, energy efficiency, safety culture, occupational health and safety as well as constructive interactions with employees, product users, executive bodies of the Russian Federation, the trade union organisation and other interested parties, based on the balance of interests;
- safety culture development and improvement;
- maintaining the required preparedness of manpower and resources to prevent and efficiently respond to occurrences, incidents, accidents and other emergencies;
- with reference to currently operating and to-be-put-into-operation production works – applying state-of-the-art flow processes, information analysis systems for acquiring, recording, monitoring, analysing, exchanging, submitting and retaining information as well as systems for recording and monitoring environmental, nuclear, industrial and radiation safety, occupational health and safety, energy consumption and energy efficiency management;
- providing continuous advanced personnel training, improving special and critical knowledge, professional skills of MSZ JSC's personnel as well as preserving the accumulated experience and knowledge;
- continual improvement of production, based on the best available technologies and best practices;
- allocation of resources, including human resources, finances, technologies and equipment required for quality assurance, the achievement of energy-related objectives and tasks, the output product safety, nuclear and radiation safety, occupational health and safety, environmental safety and protection, safe working conditions and favourable work environment;
- ensuring effective operation and continual improvement of the integrated management system controlled by TVEL JSC.

MSZ JSC's management, specialists and personnel assume obligations to ensure that this policy is implemented and maintained.

Director General

A. Zhiganin