CREATION OF NEW EQUIPMENT AND TECHNOLOGIES FOR PIPELINE INDUSTRY TAKING INTO ACCOUNT THE PERFORMANCE REQUIREMENTS, RELIABILITY AND SAFETY

**Background**
Upgrade of technological equipment by increasing of its technical and economic indicators is a highly relevant problem. Acceleration of innovative development strategy of the Russian economy is associated with an increase of science and technology development plan value. Extremely important is the task of resolving the contradictions between the need for the development of scientific innovation, limited financial resources and the requirements for safety of technical systems. Selection of priority directions of science and technology development should be based on the results of predictive evaluation of the effectiveness, reliability and safety of the proposed equipment and technology.

**Aims and Objectives**
To explore the known forms of creation of new equipment and technologies that need to be efficient, reliable and safe. To suggest a new organizational and economic mechanism of innovation.

**Methods**
The tasks in practice can only be realized through the creation of new organizational and economic mechanism, including comprehensive predictive researches.

**Results**
There was developed an analytical model for the creation of new techniques and technologies for the pipeline industry in order to meet the requirements of efficiency, reliability and safety. It can be put into practice through the creation of new organizational and economic mechanism, including comprehensive predictive researches.

**Key words:** new equipment and technology, innovation, reliability, risk, safety

**References**

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