

Dementev Mikhail Yurievich,
 Ph.D in Economics,
 Associate Professor of the Department of Enterprise Economics
 Institute of Economics and Management,
 V.I. Vernadsky Crimean Federal University,
 Simferopol, Russian Federation.

METHODS OF PRODUCTION RISK MANAGEMENT AT THE ENTERPRISE

Any entrepreneurial activity in one way or another is associated with the concept of risk. The successful operation of an enterprise in a market economy environment directly depends on the final effectiveness of the management decisions taken, their validity and the level of risk. Correct and timely assessment of the level of risk, as well as the search for ways to manage risk and reduce it become priority areas for increasing the efficiency of economic activities and the competitiveness of the enterprise as a whole.

The relevance of the research topic is determined by the presence of a set of negative factors of the external and internal environment that affect the production system of the enterprise and its economic efficiency. The higher the probability of their occurrence and the degree of influence, the stronger the manifestation of risk situations and the more it is advisable for an enterprise to build an adaptive risk management system for effective functioning. The risk management system in its work relies on high-quality tools, the basis of which is a methodological base that allows you to identify risks (assessment methods) and manage them (management methods).

Methods for assessing industrial risks are divided into quantitative, expert and regulatory. The quantitative assessment methods include the mathematical expectation, analytical covariance method and Monte Carlo modeling; to expert — the Delphi method, scenarios and brainstorming; to the normative introduction of basic values and the calculation of deviations from the norm. Among the methods of managing industrial risks, the article singled out active, adaptive, conservative, integrated approaches or risk limitation.

The article provides a brief description of the risks arising from the production process, gives approaches to assessing such risks and approaches to managing production risks.

The main approaches and methods of industrial risk management are highlighted, which make it possible to create an effective risk management system in an enterprise as a result of the study.

Keywords: production risks, risk management methods.

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