

Managing Resource Saving of Production Using a Catalog System

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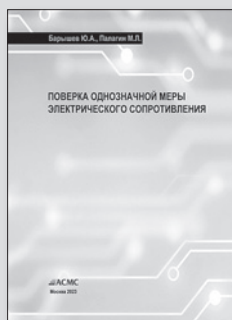
The organization of a monitoring and control system for resource consumption at all stages of production is considered. A distinction between technological and organizational losses in the context of consumption regulation to manage the resource efficiency of main and service production is proposed. In a generation form, the authors present the proposed model of the organization of the resource saving management process in production in the form of an algorithm. A key element of this algorithm is cataloging the process of finding causes and solutions to resource overruns. The materials of the article can be used in the development of programs to increase the resource efficiency of industrial enterprises and the implementation of engineering projects to modernize production.

References

1. Berdimyradova O., Akhmedov B., Allamyradov I., *Matrix of scientific knowledge*, 2023, no. 10-1.
2. Skobelev D.O., Dobrokhotova M.V., Kuroshv I.S., *Quality and life*, 2019, no. 4(24).
3. Dmitrieva T.E., *News of Komi scientific center of UrB of RAS*, 2021, no. 2(48).
4. Passport of the Program of innovative development of PJSC Gazprom until 2025; <https://www.gazprom-neft.ru/files/documents/pir-passport.pdf>.
5. Technological development of economic sectors; <https://rosstat.gov.ru/folder/11189>.
6. GOST 14.322–83 Rationing of material consumption. Basic provisions.
7. Shinkevich A.I., Malysheva T.V., Ivanova L.N., *News of Samara scientific center of RAS*, 2021, vol. 23, no. 4(102).
8. Malysheva T.V., Shinkevich A.I., *World of petroleum products. Bulletin of oil companies*, 2017, no. 12.
9. Skobelev D.O., Ganyavin V.A., Kutsevich N.A., *Automation and IT in the oil and gas industry*, 2023, no. 3(53).
10. Kartashev A.V. Genesis of cataloging high-tech products, Moscow, *Technopolygraph-center*, 2019.

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