

LOGISTICS METHODS RESOURCE MANAGEMENT REPAIR COMPANIES

Shvornikova A., Barabash V.

Volodymyr Dahl East Ukrainian National University

For now, railway transport is one of the main modes of transport industry. Its share in the cost of commodity products ranges from 6-10% for steel mills to 30-70% for open mining operations.

In costing domestic railway transport one of the largest expenditure items are "repair and maintenance of rolling stock". This article is counted: the locomotive fleet - up to 25%, electric locomotive - up to 26%, by rail car - up to 45% of total operating costs [1].

Saving energy, material and human resources is a priority of the current stage of railway transport development. Special attention is paid to this issue in enterprises locomotive and rolling stock department, providing repair of rolling stock for which the resource and energy component played a key role in shaping the cost of services.

The total volume of financial resources involved in the process, depends not only on the production program of the company, but also to a considerable extent on the system of production, production logistics efficiency and logistics. An effective way to reduce inventories in the repair of rolling stock is the introduction of technology "lean" manufacturing [2-3].

Integrated reduce repair capacity resources production ensured a balanced mix of measures to mechanization and automation of technological processes, optimization of the production logistics and logistics.

The solution of complex tasks to improve efficiency and reduce repair capacity resources of the system can be achieved by forming a "stream" of organizational structures based on logistics principles. In logistics hallmark of every subsystem is not so much its technological feature or product orientation as the degree of participation in the generation, processing, promotion and redemption flows of materials, services, finance and information. In this approach, all subsystems are evaluated based on their ability to implement the functions are focused on efficient processing flows. Strengthening these structures information and material relations can expand production capacity subsystems, applied technologies based on agreed performance operations with minimum resources used.

In this regard, the formation and development of railway rolling stock repair industry through implementation of complex logistics principles is of particular relevance.

The effect of logistic models use in describing and managing production systems achieved the continuity of a process and management process. In continuity refers to minimizing delays, downtime costs, disruptions and failures of the production system.

Description units for repair of railway rolling stock is based on the basic principles of logistics. Logistic approach to the operation of repair facilities is to integrate basic units into a single logistics system for processing and managing the flow of materials, information, finance, arising in the performance of its functions now.

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