
Development algorithm for a warehouse logistics system

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Managing a contemporary finished goods warehouse has to be adapted to any changes in the logistics system so as to respond flexibly to demand fluctuations. The study presents a product stock analysis algorithm structure that helps to optimise a warehouse system of an industrial enterprise in terms of rational warehouse cargo turnover and warehouse client base estimation. We have formulated recommendations for rational warehouse network development, pallet space reservation quota refusal or revision, and warehouse procurement rhythm maintenance. The arrangements suggested lead to increasing the benefit of business activities, enhancing competitive edge of the product by decreasing total logistics expenditure, including storage and transportation expenses, along with the marketing margin.

Keywords: *logistics system, planning, warehousing system, procurement, customer demand, supply chain.*

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