

The problems of supplying production by inventories in logistic chains

This article is devoted to a problem of logistic chains management in production logistics. Also an importance of flexibility and uninterrupted of production processes for cost reduction and improvement of quality of goods is considered.

Now a lot of attention is paid on a problem of supplying production by resources. For rational organization such sphere of activity helps such science as logistics. Firstly, it is necessary to tell some words about the content such term as «logistics».

The logistics as a science develops the scientific principles, methods, the mathematical models, allowing planning, supervising and managing transportation, warehousing and other material and non-material operations made in process of [1]:

- transportation of raw materials up to production company;
- intra factory conversion of raw, materials and semifinished products;
- bringing finished products to the consumer according to the special requirements;
- transmission, storage and processing of relevant information.

The logistics as economic activities is a management of movement and storage of raw materials, materials, semifinished products finished products in economic circulation from primary source of raw to the target consumer, and also management of information connected with these transactions [1]:

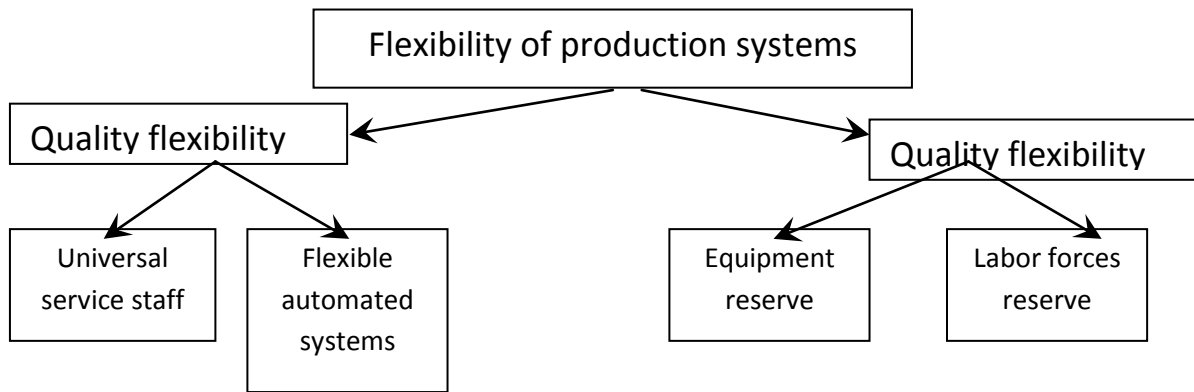
Analyzing this material, it should be noted that the process of raw transferring must be precise, cause any mistake can lead to production problems. The effective organization of supplying is a basis for efficiency increasing of companies' activity and business competitiveness.

Now, I want to pay attention on manufacturing logistics. Its general goal is to decrease costs and developing of products' quality in a process of the transformation of production line in technological processes of finished products production. One of the main elements of such activity is the correct work of industrial chains [2].

The rational organization and management of production line nowadays assume compulsory use of the basic logistic principles: one-orientations, flexibility, synchronization, optimization, integration of production lines of processes. Naturally, the logistic organization of production processes assumes disorder and uncertainty reduction in movement of the labor recourses both in expanse, and in time [2].

Speaking about the flexibility of production processes, it should be noted that production in market conditions can survive only if it is capable to change quickly the assortment and the quantity of products. In the traditional concept of production this problem is solving by availability of finished products' reserves [2]. In the logistic concept the company adaptation to changes of external and internal conditions is provided by many factors: flexibility of equipment and technology, level of professionalism of workers, flexibility of the organization and production management. Thus differentiate quantitative and quality flexibility of production systems (picture 1) [3].

The most important direction of rationalization of production processes is providing the maximum continuity of production processes. The uninterrupted of production process has two inconsistent parties: uninterrupted of movement of labor recourses and uninterrupted of workplaces loading. The question is rather hard. What type of production process uninterrupted to prefer in different conditions. Thus it is necessary to consider the production type. For providing a full load of the equipment and a uninterrupted of production process synchronization (equalization) of work operations in time is performed. [3].



Picture 1 - Flexibility of production systems

Therefore, it's possible to conclude that the orderliness of the production chains, its flexibility are guarantee of company development in the future. Every decent Manager must know the subtleties of working with chains of production.

The list of used sources:

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2. Alesinskaya, T.V. Logistics bases. Functional areas of logistic management Part 3. Taganrog: TTI YUFU publishing house, 2010. 116 pages.
3. Organization management: The education guidance for preparation to final interdisciplinary examination professional training of the manager. Under the general editorship of Lankin V.E. Taganrog: TRTU, 2006.