

RESOURCE INTENSITY AS THE MAIN CRITERION OF RESOURCE SAVING IN INDUSTRIES

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The article discusses approaches to resource criterion evaluation. The authors note that one of the criteria for the effective functioning of the enterprise is the result of the excess cost that is cost-effective, and resource major indicator of the company is to reduce resource input production. The system of generalized and partial indicators of resource input production is formed. The composition of resource input production: complexity, capital intensity and material intensity and the connection between them. The influence of various factors on resource intensity component products is performed.

The following factors affect the materials intensity: capital productivity and capital intensity of the basic production assets; average annual value of fixed assets; output per unit time of employees and one employee output products, time spent on the production volume of all production costs and production time for one employee.

In the capital intensity of production, one should take into account the influence of factors such as production capacity, production output by one-time machine, the capital of the active part of fixed assets, the proportion of the active part of fixed assets (structural

changes), the amount of time spent on production facilities.

The complexity affects the following factors: output per employee labour costs (the amount of time required to complete the work if labour resource is working full time without interruption), the number of hours worked by one worker per year, output per man-hour, the volume of output.

The authors developed factor models of assessment of complexity, capital intensity, material intensity, taking into account the connection between indicators of resource input production. To determine the influence of factors on resource input components of the production, it is proposed to use a method of chain substitutions. The influence of factors on change of resource input components of the production will reveal its reserves decrease.

The authors proposed to implement methods for analysing resource input components production. The method of evaluation and analysis of resource input factor production that will comprehensively evaluate the effectiveness of resource management and develop a program to reduce resource input production is developed.