

WAYS OF REDUCING THE COSTS WITH MATERIALS

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The paper presents the main elements of the analysis of the costs with materials. This analysis also implies the identification of the main ways of reducing them.

The reducing of the weight and the size of the products are presented too.

Another efficient instrument of control regarding the use of the material resources is consumption standardization.

The analysis of the costs with materials also implies the identification of the main ways of reducing them. These ways are:

- Improving the quality of the materials;
- The reducing of the weight and size of the products;
- The continuous improvement of the consumption standardization;

Improving the quality of the materials leads to a more efficient use of these materials and the reduction of the consumption per product unit. Good quality steel allows the achievement of a functionality of the utility value with a smaller consumption.

Reducing the weight and the size of the products made for productive consumption represents an important trend of the modern industry and at the same time a way to reduce the cost with materials.

The equivalent in supplementary sales is determined with help of the formula:

$$[N \times U_s \times (G_{S0} - G_{S1})] / (U_s \times G_{S0})$$

The standardization must have a scientific fundament and must be harmonized with the technological progress.

By reducing the weight of the products that consume conventional fuel, we also reduce their consumption and the involved costs.

For a series of products that are subject to further processing, the reducing of their weight leads to a decrease of the labor and consequently of the costs.

SELECTIVE REFERENCES

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