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PROPOSALS FOR IMPROVEMENT OF THE STANDARDIZATION AND CODIFICATION SYSTEM OF SPECIAL PURPOSE MACHINERY

The technical level of standardization and codification of automotive equipment of special purpose is characterized by a relative value of quality, based on the comparison of values of technical excellence of automotive equipment products, which is estimated by the basic values [1].

Assessment of the level of standardization and codification of automotive equipment of special purpose is carried out in the following sequence:

- choose the range of required indicators;
- determine the values of selected indicators;
- choose the basic tool (object) to compare indicators;
- choose the right method of assessing the level of production;
- determine the level of production.

Assessment of the level of standardization and codification can be performed for homogeneous products of automotive equipment of special purpose (products of one class and purpose) and for heterogeneous products produced by the enterprise, industry [2].

To assess the level of standardization and codification of automotive equipment of special purpose to improve this system, it is proposed to develop a generalized indicator [3]. The following generalized indicator can be expressed:

- the main indicator that reflects the main purpose of the product (the ability to build the optimal route);
- integrated indicator – characterizes the ratio of the total useful effect from the use of automotive equipment of special purpose products to the total costs of its creation and operation;
- weighted average indicator (used at the stages of prototype production and to calculate economic efficiency due to the improvement of individual indicators or standardization and codification of automotive equipment of special purpose products as a whole).

The principled approach in assessing the technical level of automotive equipment of special purpose is based on comparing the values of individual indicators of standardization and codification with the values of the corresponding indicators of the best world analogues, accounting and weight of each indicator in operation, determining the complex technical level indicator and level.

References

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