

THE MAIN TASKS OF THE RECONSTRUCTION OF REPAIR ENTERPRISES

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The reconstruction of an operating enterprise involves complete or partial re-equipment and refitting according to a single project of operating divisions of the main production purpose without their expansion or new construction, but with the construction of new and, if necessary, expansion of existing auxiliary and service facilities [1].

The reconstruction project is developed after an inspection of the existing repair enterprise. The purpose of the survey is to identify and analyze the production, energy, material, financial and human reserves of the enterprise, as well as to obtain initial data for design.

The examination of each building and structure establishes their physical and moral deterioration. Survey of the production activity of the main sites of the enterprise consists in the collection of materials characterizing the existing technological process, operating equipment and technical and economic efficiency of production. Reconstruction of the enterprise, as a rule, involves the replacement of obsolete and physically worn equipment with new, more advanced and productive ones.

The starting materials for repair enterprises that are being reconstructed are the annual program of their activities, which provides for which fleet of cars should be serviced by repairs, what types of repairs are expected to be performed, as well as other works.

During the reconstruction, all its economic, technological, construction, sanitary-technical and organizational tasks must be solved.

Solving economic problems comes down to determining the annual production program; the total amount of required energy resources; the number of workers, personnel; technical and economic indicators.

The solution of the technological tasks of the reconstruction is reduced to the selection of the scheme of the technological process of machine repair, the selection and calculation of the necessary equipment, the calculation of the required production area, the solution of the transportation of goods, the execution of the technological planning of the equipment [2].

Construction and sanitary-technical tasks during reconstruction – solving issues of construction and shape of buildings, lighting, heating, ventilation, sewage, water supply.

Solving organizational tasks make a management scheme; resolve issues related to labor organization, technical regulation, technical control, planning, and the development of safety measures.

The project should provide for reducing the cost of reconstruction, reducing the cost of work by justifying the need for new buildings, using the most economical structural solutions and materials, as well as installing modern equipment, developing advanced technological processes and production methods that reflect the achievements of modern technology and ensure high labor productivity.

References.

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