The Concept and Tools of Lean Manufacturing

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Abstract: The maximum possible reduction in costs and increase in consumer value of goods and services, optimization of all production processes, reduction of losses and costs in conjunction with the basic principles of quality management is one of the components of increasing the competitiveness of an organization. At its core, this is a new production innovation process in creating the final product - “production without frills”. An attempt has been made to define the methods of conducting business activities based on quality management and modern management principles, which enables to interpret the concept of lean production taking into account the tools and mechanisms presented in the concept with the constant improvement of the production process.