Lean Production in the Activities of an Educational **Organization**

- M.V. Davydova¹, Polytechnic Institute of Kurgan State University, Assoc. Prof. PhD (Sc.), m.v.davydova@mail.ru
- **A.M. Mikhalev**², Kurgan State University, PhD, DrDrew@mail.ru
- N.M. Safonova³. Polytechnic Institute of Kurgan State University, safonova, natalia mih@mail.ru
- ¹ Director, Kurgan, Russia
- ² Associate Professor of Department, Kurgan, Russia
- ³ Magistrant, Methodist, Kurgan, Russia

Citation: Davydova M.V., Mikhalev A.M., Safonova N.M. Lean Production in the Activities of an Educational Organization, Kompetentnost' / Competency (Russia), 2021, no. 2, pp. 26-31, DOI: 10.24412/1993-8780-2021-2-26-31

key words

Lean production concept, elimination or minimization of losses, identified losses classification, criteria, efficiency We believe that there is a significant difference in the cost structure of the production site and the office division. Methods that work effectively in the production department, in office activities are often ineffective. It is necessary, understanding the specifics and ideology of the concept of Lean production, to create and implement new methods to minimize or eliminate losses. We identified losses in the activities of a division of an educational organization of the dean's office type, proposed their classification (typing), identified and recorded typical examples of losses by group.

Then we picked up the tools of Lean production to minimize or eliminate losses in an office business processes. It turned out that to eliminate or minimize losses in the work of the dean's office in 90% of cases, the introduction of five tools is enough. The results of our research confirm the effectiveness of Lean production tools, the need for their implementation for continuous improvement of organizations' activities, increasing their stability and competitiveness.

References

- 1. Womack J. Lean production management mode. How to get rid of losses and achieve prosperity of your company, Moscow, Alpina Publisher, 2014, 472 P.
- 2. Vader M. Tools of Lean production: a mini-quide to the implementation of Lean production methods, Moscow, Alpina Business Books,
- 3. Stein A. Philosophy of Lean. Lean production at work and at home, Moscow, Alpina Publisher, 2017, 256 P.
- 4. Fabrizio T., Tapping D. 5S for the Office: Organizing the Workplace to Eliminate Waste, Moscow, Institute of Integrated Strategic Studies, 2008, 214 P
- 5. Just in time for workers, Group of developers of Productivity Press Publishing house, Moscow, IKSI, 2007.
- 6. Kupriyanova T.M., Rastimeshin V.E. TPM system more than a quarter of a century in Russia. Japanese theory. Russian practice. Experience of the consulting community TAIR, Moscow, Buki Vedi, 2019, 644 P.
- 7. Feshchenko A.V., Tanasenko K.I. Electronic dean's office as a tool for automating the management of the educational process at the university. Humanitarian informatics, 2016, no. 10.
- 8. Aganina D.A. Problems of the automated schedule of the educational process, Young scientist, 2018, no. 42(228), pp. 42–43; https://moluch.ru/archive/228/53149/ (acc.: 8.01.2021).
- 9. Basovskiy L.E., Protas'ev V.B. Quality management: textbook, Moscow, INFRA-M, 2001, 212 P.
- 10. Chaos, goodbye! or The first steps to a lean office, Production Management portal, 2021; http://www.up-pro.ru/library/production_ management/lean/vasilenko-berezhlivy-ofis.html (acc.: 8.01.2021).

