

PRODUCTION STANDARDS IMPROVEMENT IS AN INTEGRAL PART OF THE PERMANENT DEVELOPMENT

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According to the goals, proclaimed in resolution which was adopted on the 25th of September in 2015 by the United Nations General Assembly, there are the following tasks: "to promote permanent and overall economic growth; full and productive employment and decent work for everyone" and "to ensure a transition to rational consumption and production models", goal 8 and 12 respectively [1].

It is impossible to achieve these goals if the production standards aren't on an adequate level. Production standards are the combined concept, which includes technico-organizational standards of the enterprise, labour culture and personal workers culture. Therefore, production standards improvement is permanent and urgent need of the modern production. For many Ukrainian enterprises production standards improvement isn't an urgent problem. Unfortunately, it is common that owners have got the only goal: to make money out of the enterprise without investing into development, equipment, staff and technology, so there is no sense to consider the matter of production standards improvement for such enterprises.

In this article it is considered a normal case for civilized countries, when owners and managers understand significance of development, achievement and maintenance of product competitiveness, and that's why they are interested in production standards improvement.

It is very important to involve owners and top managers in the process of production standards improvement.

Probably, management and staff psychological resistance can slow down the start of permanent production standards improvement. Psychological resistance signs:

in general, management is satisfied with the results;

there is no confidence that it is worthwhile and profitable to invest in working conditions, technology and equipment;

disbelief in possibility to reach or even surpass the production standards level of leading European enterprises without large expenses.

Top managers have to understand production standards main point, to consider working in this way being an important part of their activities and also to spend time for strategy implementation to provide process of production standards improvement.

Training of department heads and leading experts is the first step of production standards improvement. The second step is necessity to train department staff in basic principles, which are topical for certain department. And the last, but not the finish step is implementation of measures directly in the workplaces.

Widespread process approach which is the base of many international standards (e.g. ISO 9001 [2]) can be used for production standards raising. But, maybe Kaizen practice (continuous improvement) is closer to the real production, because this practice includes similar instruments like in PDCA cycle (plan-do-check-act), but takes into account some peculiarities in staff relations.

There are following principles of Kaizen practice [3]:

- continuous changes in all fields of the organization – provision, sales, mutual relations;
- problem realization;
- organizing of supportive relations;
- self-discipline development;
- self-improvement;
- addressing the root causes and recurrences prevention (to distinguish nature of the problem with its manifestation)

Literature

1. Resolution adopted by the General Assembly on the 25 of September in 2015. p.38. URL: <http://sdg.org.ua/ua/resources-2/344-2030-2015> (appeal date 10.01.2019).
2. ДСТУ ISO 9001:2015 (ISO 9001:2015, IDT) Системи управління якістю. Вимоги. Київ, ДП «УкрНДНЦ», 2016. 22 с.
3. Масааки Имаи. Кайдзен. Ключ к успеху японских компаний: Изд.: Альпина Паблишер, 2017. 274 с.