

APPLICATION OF SIMULATORS DURING TRAINING

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ABSTRACT

In industrial training, in the process of which professional skills are formed, an important role belongs to the means of training. It is known that the activities associated with the machine labor processes are much more difficult to perform than the one performed with hand tools. Since it is necessary to train such activities on machines, which is associated with certain difficulties, and in some cases even with a risk to life, there is an urgent need to transfer training to artificially created, real-world-like conditions, i.e. imitating a machine or labor process on it and at the same time it is safe. Currently, in the preparation of competitive personnel, the importance of simulators is very great due to the fact that simulators activate the educational process, facilitate and contribute to the transformation of theoretical knowledge into practical skills acquired by students in special course of study. Also, the article by means of simulators highlights the possibilities of reflecting the conditions of labor production in the process of education.

Keywords: Education, practice, practical skills, labor, adaptation, simulator, model, real model, technical model, design.