



THE IMPORTANCE OF INTERNATIONAL EXPERIENCE AND MODERN TECHNOLOGIES IN THE FIELD OF LABOR PROTECTION.

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Annotation: This article briefly describes the importance and convenience of international experience and modern technologies in the field of labor protection, including the creation of healthy work activities that meet world standards.

Keywords: Labor protection, International experience, modern technologies, robotic technologies, virtual reality.

Introduction

Occupational safety is one of the main tasks in any production or service process. In today's era of developing modern technologies, occupational safety and technical safety issues remain one of the priority tasks of any organization. Ensuring the safety of workers, maintaining their health, and introducing technological innovations make it possible to find solutions to today's global problems. The use of international experience and advanced technologies is important in this regard.

Main part

Today, automation and monitoring technologies are widely introduced in the field of occupational safety in leading countries of the world. For example, using LOT technologies, production processes are monitored in real time, creating the opportunity to quickly identify risks.

In addition, systems based on artificial intelligence allow for the prediction of risks in advance. Automation systems and artificial intelligence technologies are being introduced to increase worker safety, for example, using AI, creating the opportunity to predict potential risks in advance and prevent problems.

Training sessions based on virtual and augmented reality technologies allow workers to practice safety in an environment close to real conditions. This helps to increase their responsibility and deepen their understanding of safety rules.

The use of robots in high-risk areas is becoming increasingly widespread. Especially in areas with chemical and explosive hazards, robotic technologies are becoming important tools for protecting the health of workers.

With the help of automation systems, work processes are remotely controlled, reducing the level of risk to a minimum. This helps to increase the level of safety in production facilities.

Conclusion

Studying international experience in the field of labor protection and introducing technologies allows organizations not only to ensure the safety of workers, but also to increase the efficiency of production. Organizations should be aware of the standards for new safety technologies and strive to apply them in their activities. At the same time, safety should not be limited only to protecting the health of workers, but also take into account the harmful and beneficial aspects of the environment.

References:

1. <https://it-park.uz/uz/itpark/news/it-sohasini-5yil-davomida-rivullarich-natijalari-internet-mobil-alakoma-it-park-va-reytinglar>
2. Shamsutdinov, R. (2023). Modern technologies and labor protection. Tashkent State Technical University Press.
3. <https://digital.gov/uz/news/view/1673/>.