

## RESEARCH OF PROCEDURAL MODALITIES OF INVESTIGATING SAFETY INCIDENTS IN THE BUSINESS SYSTEM

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### ABSTRACT

The goal of occupational safety is to protect employees from unfavorable working conditions in the working environment, i.e. from the consequences of the realization of the present dangers and harmfulness in the working environment, which are manifested in the form of injuries at work and occupational diseases. This is achieved by designing preventive measures for occupational safety in order to reduce to the smallest possible measure the risks for safety and health at work and by designing corrective measures for protection after the realization of incident situations. The choice and effectiveness of designing corrective measures in the field of occupational safety depends on the way of investigating incident situations and determining the cause, i.e. factors that led to the realization of such events.

This paper presents the research conducted in business entities of the region on the perception of the need to investigate incidents in the field of occupational safety, operational procedures for investigating such events, as well as possible consequences for the business system. Also, the factors that are the most common causes of incident events in the field of occupational safety were identified in order to improve the investigation procedures of these incidents through the design of corrective measures.

The improvement of the occupational safety system in the business system should go in the direction of building an adequate information system that will enable the monitoring of all relevant factors important for the occupational safety system. This approach should ensure a more efficient investigation of incidents in the field of occupational safety, identification of the causes of their occurrence, and the design of preventive and corrective measures. In conditions of accelerated development and use of information technologies and artificial intelligence in many areas, they also find their place in the field of occupational safety. The implementation of these technologies in occupational safety systems should contribute to the implementation and development of sustainable occupational safety systems, and within them new modalities of investigation of incident situations.

**Keywords:** occupational safety, incident situation, investigation.