



III International Scientific Conference “Sustainable and efficient use
of energy, water and natural resources – SEWAN-2021”

ГАЛАХИМ



On the development of model registers of identified hazards (on the example of an operator of milk pasteurization and cooling)

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Keywords:

Technosphere Safety, Hazard Identification, Typical Risks

Research Objective

In 2019, there was a change in the procedure of checking the OSH management system at the enterprise. Federal Labor and Employment Service (Rostrud) issued new instructions to inspectors of the state labor inspectorate for carrying out unscheduled inspections and investigating accidents: check documents in a real environment at workplaces; control the management of professional risks; identify the underlying causes of accidents and indicate them in the formal note in a special form.

Taking into account the changes that have taken place in the regulatory framework of the Russian Federation, organizations and labor protection specialists should pay great attention to the occupational risk management system and, in particular, hazard identification and professional risk assessment.

The first step in occupational risk management is hazard identification. The hazard identification procedure is contained in. Hazard identification is the procedure for detecting (identifying and recognizing) and describing hazards. The purpose of identification is to identify all hazards arising from the technological process, hazardous substances, works performed, equipment and tools involved in the technological process.

The task of work in the identification of typical hazards at the workplace of the operator of pasteurization and milk cooling.

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Results

Using the method described in paper, a model register of identified hazards for the operator of milk pasteurization and cooling was developed. It contains the following risk categories: mechanical hazards, electrical hazards, thermal hazards, hazards of exposure to microclimate, hazards of exposure to chemical agents, hazards of exposure to aerosols of predominantly fibrogenic action, hazards of exposure to biological agents, hazards related to severity and intensity of the working process, hazards of exposure to noise, hazards of exposure to vibration, hazards of exposure to light environment, hazards of exposure to non-ionizing radiation, hazards of exposure to insects, hazard of drowning, hazards related to institutional weaknesses, hazards of fire, hazards of transport, hazards of abuse, hazards of explosion, hazards related to the use of personal protective equipment.

For each group of risks, certain typical hazards associated with the profession are identified. You can get acquainted with them in more detail in the text of the article.

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Conclusions

The developed model registers are part of the regulation on the occupational safety management system at the enterprise. They can be used in the same way as model labor safety instructions. Specialists in the field of labor safety are able to edit the contents of the register on their own in accordance with the characteristics of the workplace and the working conditions of a particular employee.

The development and approval of model registers of identified hazards for workers of vocational professions will reduce the time spent on their development by each labor safety specialist at the enterprise.

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Thank you for your attention!

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