**MODERN PARADIGMS OF SOCIAL-LABOR RELATIONS**

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**Abstract**

The article investigates the genesis of the paradigms of social and labor relations. Based on the analysis of numerous domestic and foreign publications, it is specified that the theoretical core or key principle of the concepts of social and labor relations is the compatibility of the interests of their participants, as well as ways to achieve such compatibility in the process of economic life. The analysis and conjugation of the terms used for deeper definition of the essence of social and labor relations are carried out. In conclusion, the author comes to the opinion about the polyparadigmality of modern social and labor relations.

**Keywords**: social and labor relations, paradigms

**«EFFECTIVE CONTRACT» IN STATE AND MUNICIPAL INSTITUTIONS**

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**Abstract**

In accordance with the “May decrees” of the President of Russia [1], the Government of the Russian Federation approved a program of phased improvement of the wage system in state (municipal) institutions for 2012-2018. (hereinafter - the Program), one of the most important tools in the implementation of the program’s objectives, is the introduction of an “effective contract” in state and municipal institutions.

**Keywords**: an effective contract, an employment contract, a system of payment and labor incentives, wages, labor rationing, job responsibilities, performance indicators and criteria for evaluating performance

**PROBLEMS OF LABOR PROTECTION IN AGRICULTURE AND WAYS OF SOLVING**

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**Abstract**

The article gives an overall assessment of the state of labor protection in the organizations of the agro-industrial complex and the author’s approach to improving the efficiency of work in the field of labor protection.

**Keywords**: labor protection, level of injuries, sources of danger, main tasks and functions, suggestions for improving work

**ON THE ACTIVITIES OF THE COUNCIL ON PROFESSIONAL QUALIFICATIONS IN THE FIELD OF SAFETY OF LABOR, SOCIAL PROTECTION AND EMPLOYMENT OF THE POPULATION**

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**Abstract**

The article highlights the main activities of the Council in the field of labor safety, social protection and employment of the population.

**Keywords**: council, labor safety, social protection, employment of the population, professional standards, independent evaluation of qualifications

**MODERN CONCEPT OF LABOR CULTURE**

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**Abstract**

The article reveals the concept of development of labor protection culture, which, in the author’s opinion, is a symbiosis of knowledge on labor protection, ecology, economics, law, psychology, pedagogy, management. Being one of the directions of culturology, it serves as an indispensable tool for man’s struggle with the dangers of production and the environment, which ultimately contributes to the formation of a personality of a safe type. The author believes that there is no alternative to the formation of a personality of a safe type, for along with traditional approaches to upbringing a new approach is emerging that forms a personality of a safe type.

**Keywords**: life safety, labor protection, labor protection culture, organizational culture, labor protection management, the personality of a safe type, professional pedagogy

**ESTIMATION OF ECONOMIC EFFECTIVENESS OF RISK MANAGEMENT: TRAININGASPECTS (CONTINUED)**

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**Abstract**

The article continues the presentation of a practice-oriented training program within the framework of the professional standard “Risk Management Specialist”, related to the assessment of the economic effectiveness of risk management. Attention is drawn to the operationalization of economic knowledge in the sphere in question, using available accounting records, modern formalized tools to increase the reliability and evaluate the applied value of the results obtained.

**Keywords**: risk management, assessment, cost-effectiveness, OSH management system, DuPont analysis, accounting reporting, profit, cost, profitability, relative level of expenditure, cost control range, training, case

**SCIENTIFIC FUNDAMENTALS OF OCCUPATIONAL SAFETY AND HEALTH SYSTEMS**

**Pаrt 3: Procedures of protection against dangers and risks**

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**Abstract**

Procedures of functioning of the OSH management systems as type of the administrative activity linked with protection of workers against dangers and risks of production activity of economic operators are systematically considered.

**Keywords**: occupational safety and health management systems, procedures of functioning, protection against dangers and risks, scientific methodology,

**RESEARCH OF SYSTEMS OF VIBROPROTECTION FOR PERSON OPERATOR**

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**Abstract**

In work new means of protection of the person operator from the raised levels of vibration are investigated. Constructive schemes of anti-vibration suspension brackets of a seat for the person operator and the vibroisolated scaffolds for service of the vibroactive equipment are provided.

**Keywords**: the seat suspension bracket, the vibroisolated scaffold, the mathematical model, the directing mechanism, the anti-vibration device, damper of dry friction.

**USE OF THE MODEL OF AUTOMATED INFORMATION AND REFERENCE SYSTEM OFASSESSMENT AND CONTROL OF PROFESSIONAL RISKS**

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**Abstract**

The article considers the possibilities of using the model of an automated information and reference system for the assessment and control of occupational risks within the framework of the OSH management system.

**Keywords**: automated information and reference system, assessment of occupational risks, occupational safety management system, injuries, occupational diseases

**ABOUT THE IMPORTANCE OF TECHNICAL SAFETY FACILITIES WHEN PERFORMING WORKS AT THE HEIGHT**

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**Abstract**

In article the analysis of a condition of operational injuries when working at height is carried out. The reasons of traumatizing workers are described. The having means of ensuring of safety of works at height on support are analysed. One of elements of system of safety of works at height is the anchor device. The advanced model traverses is considered. It is offered to use a stationary anchor point on the top part of a support. Introduction of anchor devices at construction and reconstruction of VL will allow to ensure safety of works at height according to the current legislation at works at height.

**Keywords**: stationary anchorage point, work safety at height, safety of work on the support

**THE SIZE OF BUFFER RESERVES ON FOREST MANAGEMENT WITH THE SAFETY BREAKDOWN BETWEEN THE WORKERS**

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**Abstract**

The article considers the issue of creating flexible connections at the logging facilities due to buffer stocks, taking into account the safety of workers.

**Keywords**: labor productivity, labor safety, buffer stock, dangerous zone

**EVALUATION OF POTENTIAL DAMAGES OF THE ENTERPRISE AS RESULTS OF ACCIDENTS AND TRAUMATISM**

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**Abstract**

The paper presents a methodology for assessing the potential damage to an enterprise as a result of accidents and injuries. To assess the potential damage, a generalized indicator - risk is used. All types of potential damage have a different probability of occurrence and are associated with a certain type of risk. They depend on the activity of the sources of risk and the type of activity of the enterprise. Risks are divided into qualifying, technological, technical, external, operational and some others. Risk can be characterized as the risk of potentially possible, probable loss, resources or shortfall in income compared to a variant designed to rationalize the use of resources in this type of activity. To assess the potential damage, a logistical analysis of the likely damage using XYZ analysis is used. Its results allow us to divide the damage according to the level into three classes, depending on the variation in the relative frequency of their occurrence. Class X includes potential damage, characterized by stability, with small fluctuations and the possibility of its prediction based on statistical material with a high degree of accuracy. Class Y includes potential damage characterized by a measurable with medium forecast capabilities (as a result of accidents). Potential damage is attributed to class Z, characterized by a lack of trends towards changes and consequent inaccurate forecasting of estimates (depending on external factors).

The technique allows to optimize measures for managing potential damage from accidents and injuries.

**Keywords**: methodology, damage, accident, optimization

**VIDEOINFORMATION COMPLEX OF DEVELOPMENT AND CONTROL OF THE COMPETENCE OF EMPLOYEES IN ACCORDANCE WITH THE REQUIREMENTS OF LABOR PROTECTION**

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**Abstract**

In the article the authors consider one of the main directions of prevention - training and testing of knowledge on occupational safety issues on the basis of developed by them and implemented in practice approaches to solving problem problems.

**Keywords**: training, instruction, knowledge testing, competence, educational-methodical complex, receptions and methods, scientific novelty

**LABOR PROTECTION OF THE TEACHER OF HIGHER EDUCATION**

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**Abstract**

Classification of the features on the occupational safety of the teachers of foreign languages in non-linguistic universities when using the technical means of education (TSO) has been developed. Rrecommendations on occupational safety and labor protection when using personal computer and projector for conducting multimedia classes are given in the paper.

**Keywords**: effectiveness of teaching; modern technical equipment, personal computer, projector, multimedia, teaching foreign languages at non-linguistic higher educational institution, observation of the requirements of the labor protection, occupational safety of teachers, recommendations on labor protection when working with multimedia

**MODEL OF OPERATIONAL ACTIVITY OF OPERATIONAL PERSONNEL UNDER THE MANAGEMENT OF ELECTRICITY OBJECTS**

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**Abstract**

The paper presents a model of personnel activities at an electric power facility. Intellectual operational activity was divided into phases and a scheme for shaping the situation was formed. To ensure the safe operation of the object, a method of servicing a certain set of information elements (factors) operators used manifesting themselves in various information fields with space-time characteristics. In the incoming information flow, a hierarchy of levels of functioning of the megastructure is allocated. The first level is the identification of a factor (an element of the information environment) at which the operator establishes the most probable correspondence of the set of measured physical manifestations of the factor in space and assigns it to a certain class with maximum reliability on the basis of analysis of the received characteristics. The second level is the identification of the situation in the information environment observed by the operator for a certain period of time in order to determine the characteristics that allow the assessment of the situation created by a set of identified factors (the information environment) with maximum reliability. The third level is the formulation by the operator of the forecast of the development of the situation in the information environment with the maximum reliability and the definition of the probability of what it will become after a fixed interval of time. This model can be used in the design of the power facility management body.

**Keywords**: management, electric power facility, model, operational staff

**REQUIREMENTS DIAGNOSTICHESKAYA WORKING OIL AUTOMOTIVE DIESEL ENGINES**

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**Abstract**

The paper analyzes the changes in the main diagnostic parameters of motor oils, such as alkali number, viscosity, density, flash point. The main admissible boundaries of the images of diagnostic parameters are indicated.

**Keywords**: motor oils, alkali number, viscosity, density, algorithm, optimization, volume, level