**EARLY RETIREMENT: THE FORMATION OF INSURANCE MECHANISMS FOR THE ASSESSMENT OF OCCUPATIONAL RISKS**

ROIK V.D.,chief scientific officer FGBU « Institute of labor » of Ministry of Labor of Russia, doctor of economic sciences, professor

**Abstract**

Institute ahead of schedule pension age for the working in conditions of hazards are planning to modernize as a system. It needs to use new methods to value the professional risks and give an appreciation of factors hazards and health of workers. For what purpose are planning to extend the sphere of functions and authority state insurance organization, to use new methods to value the professional risks with help of modernization and social security system against occupation accidents and illnesses. For what purpose will be added new functions to make work more safety and human. In the structure of the Found will be new systems requiring monitoring special hazards on the working places.

**Keywords:** Institute ahead of schedule pension age for the working in conditions of hazards, working places, social insurance against occupation accidents and illnesses, special hazard

**THE POTENTIAL OF MOTIVATING EMPLOYEES TO INCREASE PRODUCTIVITY**

ZHUKOVA S.A.,leading researcher PMF FGBU « Institute of labor » of Ministry of Labor of Russia, can. of social sciences, Saratov

**Abstract**

In the article (for example, different motivational theories) describes the types of motivation to effective work depending on the leading needs of workers.

**Keywords:** motivation, productivity, incentives, interests, needs

**WHO AND HOW WILL PROTECT THE WORKING PERSON?**

SUHORUCHENKOVA G.F.,the Deputy chief of Department of examination of working conditions FGBU « Institute of labor » of Ministry of Labor of Russia

**Abstract**

To take up the pen to prepare this article, I have led performances of some members of the Russian Government, which, not knowing the history of the issue, I propose to change the financial-economic situation of the country at the expense of workers, whose work creates a financial component of the social funds. Grounds for thoughts on this topic gives me the experience acquired during years of work in the trade unions in the position of Secretary of the trade unions from 1985 to 1990 in charge of state social insurance and labour protection in the USSR and work experience Chairman of the Board of Fund of social insurance of the Soviet Union in 1990-1992.

**Keywords:** trade unions, social insurance Fund, funds of social insurance, the sources of social insurance funds, social funds, social insurance budget, health insurance premiums, the order of administration of the funds

**THE DEVELOPMENT OF SOCIAL AND LABOR RELATIONS IN THE FOCUS OF SOCIAL PARTNERSHIP (ON THE EXAMPLE OF THE REPUBLIC OF MARI EL)**

NIZOVA L.M., doctor of economic sciences, professor; nizova@yandex.ru; 883623686800.

SANNIKOVA T.V., undergraduate (both Volga state University of technology); sann-tanya@yandex.ru; 89613347578.

**Abstract**

The article discusses the author’s vision of the directions of development of social and labor relations in the focus of social partnership on the example of organizations of the Republic of Mari El.

**Keywords:** the welfare of human labor, wages, quality of jobs, the scale of poverty, cost of living, mismatch of demand and supply of labor

**FEATURES OF THE ORGANIZATION OF LABOR WHEN PERFORMING WORK WITH HIGH RISK**

ELIN A.M., scientific secretary FGBU « Institute of labor » of Ministry of Labor of Russia, doctor of economic sciences

**Abstract**

In the article author’s view of the organization and carrying out of works with high risk in different types of industries or works with the perspective of the principles, characteristics, nature of hazards and the basic measures profilakticheskoj preventive effect.

**Keywords:** work with high risk, organizational and technical-technological activities, Federal regulations, local acts

**THE INPUT CONTROL PARAMETERS OF ILLUMINATION OF THE LAMPS TO ENSURE LABOR SAFETY WHEN WORKING ON A PC**

SENCHENKO V.A. is a leading specialist in occupational safety at the Labor Protection Service of the Volgograd branch of PJSC “Rostelecom”, vladimir.senchenko@south.rt.ru, 89178335320.

**Abstract**

The article analyses the legislative framework of the lighting of workplaces equipped with personal computers. Given measurements of illumination from lamps of different manufacturers. The conclusion is made about the most appropriate fixtures for the lighting of workplaces equipped with personal computers.

**Keywords:** illumination of workplaces, a system of General lighting, a personal computer

**PROJECT DEVELOPMENT OF THE OCCUPATIONAL SAFETY RULES IN THE FIELD OF FOUNDRY INDUSTRY OF MACHINE-BUILDING ORGANIZATIONS**

RUMYANTSEVA A.V., candidate of economic sciences, assistant professor, the senior research assistant of the Ural branch of the state organization «Institute of labour» of the Ministry of labour of Russian Federation; alenarum@mail.ru, +7(902) 87 51 706.

**Abstract**

This article presents the results of work environment research during operation of foundry industry of machine-building organizations. It consists of causes and different types of indastrial accidents and occupational sicknesses. Analyzing russian and foreign laws helped to offer a new project about the rules of occupational safety during the operation of foundry industry of machine-building organizations and also to develop government legal requirements of occupational safety.

**Keywords:** occupational safety, occupational safety rules, foundry industry, machine-building organizations, industrial accidents, occupational sickness, work environment

**ON THE ROLE OF EXPERTS IN THE FIELD OF SAFETY AND LABOUR PROTECTION. (BASED ON STUDIES CONDUCTED BY THE INSHPO, THE END, BEGINNING IN № 3(24)**

NOVIKOV N.N., the General Director of the National Association of health centers, doctor of technical sciences, associate professor, Honored scientist of the Russian Federation.

**Abstract**

The article discusses the results of a study conducted by experts of the International network of Practitioner Organizations in the field of safety and labour protection (INSHPO) on the role of experts in the field of safety and labour protection of different organizations

**Keywords:** skills, application of skills, matrix skills, the types of managed risks

**PROSPECTS AND CHALLENGES FOR THE DEVELOPMENT OF PROFESSIONAL SKILLS IN THE FIELD OF OCCUPATIONAL SAFETY AND SOCIO-LABOR SPHERE**

RYABOVA V.E., head of department FGBU « Institute of labor » of Ministry of Labor of Russia, candidate of economic sciences.

**Abstract**

In the article the questions of development of competence and professionalism, their estimates, which are crucial in the organization of work and qualifications of personnel from different organizations.

**Keywords:** labor safety, social insurance, levels of training, assessment of qualifications, professional standards, assessment of skills

**METHODS OF PSYCHOLOGICAL TESTING IN OCCUPATIONAL SELECTION EXPERTS**

ZAJAZ B.S., candidate of technical sciences, associate professor of the chair «Management of industrial and environmental safety», Togliatti State University, (8482) 54-63-63, ntc@tltsu.ru

FREZE Т.Y., candidate of economical sciences, associate professor of the chair «Management of industrial and environmental safety», Togliatti State University, (8482) 54-63-63, ntc@tltsu.ru

YAGOVKINA E.N., postgraduate student of the chair «Life safety», Samara technical State University, bjd@list.ru.

**Abstract**

The technique of psychological testing, which allows you to assess the suitability of the test work performed. It can be used both in hiring and working professionals. The technique includes eight kinds of tests that evaluate the intellectual qualities of the test - the analytical, technical and spatial thinking, short-term memory, attention, psychological - the speed of thought processes and emotional stability, personal - responsibility, communication skills, organizational skills, behavior in a conflict situation. A procedure for filing different kinds of tests by mathematical modeling that takes into account the level of preparedness of the test and the amount of test. The technique has been tested in the LLC “Gazprom Transgaz Samara”.

**Keywords:** professional selection, technique, psycho-diagnostics, assessment test, parameter optimization, expert evaluation, stage specialty

**ENERGY EFFICIENCY INSPECTION OF THE LINING OF THE CHIMNEY WITH THE USE OF SELF-CONTAINED CAMERA WITH LED LIGHT**

AKATIEV V.A., professor of the department “Ecology and industrial safety”, doctor of technical sciences, MGTU im. N. Uh. Bauman, Moscow; akatiev07@mail.ru.

KOSHELEVA D.D., student group E9-48, MGTU im. N. Uh. Bauman, Moscow; koshadasheleva@gmail.com.

VOLKOVA L.V., postgraduate student, FGBOU VO “Ufa state oil technical University”, Ufa; volkova.lyub@yandex.ru.

**Abstract**

The method of safety control of flue pipes using pigs moving Autonomous device, capable to identify and record defects of the lining of the chimney without detaching it from the existing boilers. Justified the transition to the modern instantaneous emitters in the illumination control line to create a flash. This enables more than 10 times to reduce energy consumption at flaw detection of the chimney.

**Keywords:** chimney, defective lining, stand-alone apparatus, the cyclic step photography, flash emitter, the energy consumption for the illumination of the bands control