

Competency

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4 On Continuous Professional Education. Prof. Dr. A.V. Nesterov, State University, High School of Economics, Moscow

The analysis of the draft concept of continuous education till the year 2015 is made. It is developed and presented for discussion to a wide range of stakeholders by the Russian Federation Ministry of Education and Science. Major education categories used in this area are systematized

Key words: continuous professional education, competency, educational level evaluation, qualification level conformation, subject of education, educational process subject, educational structure

12 SWOT-Development Analysis of Fundamental Science in Russia. Prof. Dr. L.P. Kleeva, Head, Monitoring Sector, Scientific and Technical Complex, Institute for the Study of Science of RAS (ISS RAS), Moscow

Strategic analysis of the national fundamental sciences is carried out by the method of SWOT-analysis. Its strengths and weaknesses, opportunities and potential threats are discussed. The development strategy of Russian fundamental science in the nearest future is based on this analysis

Key words: fundamental science, SWOT-analysis, strategy analysis, fundamental science remote and immediate environment

20 Government Regulation System Peculiarities in the Scientific Sphere. V.P. Baranova, Deputy Head of Department, Maintenance of Competitive Programs and Projects in the Field of Science, Department of Federal Programmes and Projects, RF Ministry of Education and Science, Moscow

State regulation subjects of the scientific sphere are being discussed on the federal level. State financing is considered to be a major influence lever on the state science development in general and its specific priority areas in particular, that increase the effectiveness of scientific sphere state regulation

Key words: state control, scientific sphere, state financing, subjects of state regulation, state budget, budgetary fund

24 About Accreditation. Dedicated to the memory of A.I. Astashenkov. A.L. Pyatov, Chief Metrologist, FSBSU, Technological Institute of superhard and new carbonaceous materials, Troitsk, Moscow region

Today, the term accreditation is highly used. The author of the given article considers that it is necessary to outline briefly some of the main problems in accreditation of measuring and test laboratories and centers

Key words: accreditation, accreditation system, measuring laboratories, metrological institutes, traceability, calibration, competence, experts

28 Review of Life Quality Concepts. E.Yu. Goman, Postgraduate, Far Eastern Academy of Public Service, Khabarovsk

There are many concepts that characterize the so-called concept life quality, but yet there is no consensus towards the meaning of the given term. The results of the studies propose a classification that includes five key concepts of life quality

Key words: life quality, life quality approaches, concept classification

32 Cause-Effect Diagrams for Production Process Analysis. Prof. Dr. L.A. Konopelko, Deputy Director, Study,

FSUE Mendeleev Russian Metrology Research Institute, St.Petersburg, Prof. M.V. Okrepilov, Deputy Director, Head of Department, Product Certification Work Coordination, FSUE Mendeleev Russian Metrology Research Institute, St.Petersburg

Cause-effect diagrams in combination with other quality tools are considered to be quite prosperous in acceleration the production processes analysis of hydrocarbon gas products and while increasing the probability of detection of possible deviations

Key words: certification scheme, certification expert, quality stability, test form, hydrocarbon gas production, cause-effective diagram

38 Complex Quality Management of Low-Tonnage Chemical Manufactures. Prof. Dr. V.V. Pomazanov, General Director, Self-Regulation Nonprofit Partnership, Industrial Group, Reagent Production, CenterReachim (NP IG RP CenterReachim), Moscow, Dr. D.I. Pishikov, President, Nonprofit Partnership, Industrial Group, Reagent Production, CenterReachim, V.I. Borzov, Head of Research Laboratory, Quality Management and Industrial Engineering, MATI, Tsiolkovsky Russian State Technological University (MATI RSTU), Moscow, N.H. Manucharyan, Postgraduate, Quality Management and Industrial Engineering Department, Quality Management and Industrial Engineering, MATI, Tsiolkovsky Russian State Technological University (MATI RSTU), Moscow

The establishment of sectoral self-regulation quality management system of chemicals and ultrapurity materials production is discussed in the article. Only systematic association of closely related enterprises with the state status as a self-regulated one (what allows to lead a constructive dialogue with the state) is able to revive the chemical industry as an important component of economic safety

Key words: self-regulation organization, chemical reagents, self-regulation management system

42 Leadership Style and Work Organization Effectiveness. M.Y. Volkova, Postgraduate, FSBEI HPE, State University of Management, Moscow

The so-called concept leadership in organization, its importance for the enterprise efficient operation is on consideration. The analysis of formal and informal leadership, authoritarian and democratic management styles, functions of management leadership, its competence level, as well as situational leadership theory are discussed

Key words: leadership in organization, formal and informal leadership, administrative leader, authoritarian and democratic management styles, situational leadership theory

46 Human Resources as an Enterprise Competitiveness Factor. A.V. Balaba, Economist, LLS, Service Company, PetroAlliance, Moscow

The transition from personnel management to the concept of human resource management is one of the ways to achieve factory competitiveness in oil and gas sector. Development of professional standards, modernization of professional education system, qualification valuation and certification are required in order to implement this concept

Key words: oil and gas services, competitiveness, human resources management, professional standards, professional education, qualification valuation and certification