

Competency

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5 Further Professional Education Quality: New Concept. Prof. Dr. N.N. Aniskina, Rector, FSEI FPE, Pastuhov State Academy of Industrial Management, President, FPE Union, European Association of FPE ESADA Providers, Yaroslavl

Key issues of reforming Russian system of further professional education are being analyzed. Legal regulation problems, quality assessment criteria, as well as a model of quality assurance of continuous professional education and training CQAF are on consideration

Key words: continuing education, further professional education, education quality, educational services market

14 Development of Maturity Model for Educational Institution Process. Dr. V.V. Azaryeva, Director, Center of Quality Management in Education, Associate Professor, FSBEI HPE, V.I. Ulyanov, (Lenin) St. Petersburg State Electrotechnical University (USPSEU), LETI, St. Petersburg, Dr. S.A. Stepanov, Dean, Faculty of Economics and Management, Head of the Department, Management and Quality Systems, USPSEU, LETI, St. Petersburg, Dr. V.V. Yashchenko, Associate Professor, Management and Quality Systems Department, USPSEU, LETI, St. Petersburg

The premises of the development of maturity model for educational institution processes are described. Quality assurance system model, based on ENQA standards and guidelines, as well as on processes maturity is presented and gives description of processes maturity levels and standard for education quality assurance system, developed on the maturity processes model

Key words: education, quality assurance system, maturity model

20 Competence Model of Object Oriented Aerospace Formation. Prof. Dr. B.V. Boitsov, Head of Department, Moscow Aviation Institute (MAI), Moscow, Prof. Dr. M.Yu. Kuprikov, Pro-Rector, MAI, Moscow

Object oriented aerospace formation is a quality guaranty of a personnel training. Personnel training conditions in high-tech fields, main educational programs development are on consideration

Key words: competence model, aerospace sector, personnel training, innovation technologies, educational process, integration, main educational program

27 Place and Role of Sovereign Funds in Maintenance of Economic safety. Prof. Dr. V.I. Avdiisky, Deputy Pro-Rector, Head of the Department, Risk Analysis and Economic Security, Financial University under the Government of the Russian Federation, Moscow, Dr. M.V. Danilina, Associate Professor, Department of Financial markets and Financial Engineering, Financial University under the Government of the Russian Federation, Moscow, Dr. S.Y. Eroshkin, Associate Professor, Risk Analysis and Economy Security Department, Financial University Under the Government of the RF, Moscow

The analysis of Russian sovereign wealth funds legislation and its legislative framework, as well as the statistical data of Russian economy is the main theme of the article. The necessity to change the strategy of sovereign wealth funds investments in order to increase its effectiveness and profitability is obvious

Key words: sovereign wealth funds, economic governmental security, long-term investment, legal regulation

36 Emergencies Security Standards Improving. Dr. E.V. Demidko, Associate Professor, Lecturer, Quality Management Department, Khabarovsk Branch, ASMS, Khabarovsk, O.A. Trinadtsatko, Senior Teacher, FSBEI, HPE, Far East State Humanitarian University, Khabarovsk

Methodological approaches to zoning forest resources for organization of forest fires monitoring and prediction on the regional level are described in the given article

Key words: forest fire monitoring, forest fires prediction, forest fire detection system, fire risk index

42 Model to Determine Risk Value of Seamless Cylinders Operation. Dr. V.V. Tolmachev, Head of Laboratory, FSUE, Ural Research Institute of Metrology, Ekaterinburg, I.N. Fedorova, Junior Researcher, FSUE, Ural Research Institute of Metrology, Ekaterinburg,

Methodological basis of risk analysis usage are outlined. It is done in order to evaluate an exploitation allowed risk of the chemical engineering equipment with the technical regulation On machines and equipment safety by giving an example of seamless steel cylinders intended for the ethylene storage and use

Key words: steel tanks, ethylene storage and transportation, exploitation allowed risk level, risk analysis, safety

48 Carbon Footprint of Municipal Purification Plants: Assessment, Reduction, Certification. Prof. Dr. T.V. Guseva, Academic Secretary, Mendeleev Russian University of Chemistry and Technology, Moscow, Prof. M.V. Begak, Leading Researcher, St. Petersburg Research and Development Center of Ecological Safety, Russian Academy of Sciences, St. Petersburg, Dr. Ya. P. Molchanova, Associate Professor, Management and Marketing Department, Mendeleev Russian University of Chemistry and Technology, Moscow

Carbon footprint as an indicator of sustainable development is gaining ground worldwide. International accounting standards, approaches to assessing carbon footprint, as well as methods of its reduction used by Russian water canals are described in the article

Key words: sustainable development indicators, ecological footprint, carbon footprint, environmental enterprise

55 About Litigation of Decisions on Goods Classification. Dr. E.I. Andreeva, Head of Department, Commodity Research and Customs Examination, Russian Customs Academy, Moscow

The state of legal cases related to the appeal of the foreign economic activity participants against customs goods classification in accordance with the commodity nomenclature of foreign economic activity is discussed

Key words: classification, commodity, foreign economic activity commodity code, customs payments, customs authorities, appeal, court, evidence, examination

60 Quality Management System of University: Practice of Identifying Customers Satisfaction. Dr. A.N. Tritenko, Pro-Rector, Academic Affairs, FSBEI HPE, Vologda State Technical University, Vologda, O.V. Safonova, Head of Department, FSBEI HPE, Vologda State Technical University, Vologda

A method of revelation and accounting processes of customer satisfaction in the university QMS educational activities is being developed and tested. It is based on the correlation of value assessments and activities implementation level

Key words: educational activity, quality management system

72 Automobile Systems of Space Transport Navigation: Development and Improvement. V.V. Grushnikov, Leading Expert, Non-profit Partnership, Chamber of Judicial Experts, Moscow

Development and use expansion on intellectual electronic systems motor transport actively proceeds and already can really be maintained by possibilities of the space satellite relations connecting different regions of the world. Satellite automobile transport navigation systems are continue improving

Key words: space satellite communication, automobile system of a call of emergency field services at failures, road accident, GLONASS

76 The Problem of Risk Management Restructuring of Industrial Enterprises in the Crisis Conditions. E.A. Nazarenko, Graduate, Moscow State Regional University, Moscow

The study provides a complete range of risks in the industrial enterprises restructuring project while crisis conditions, including three clusters of risks. General model of industrial enterprise risk management system, as well as the effects of the risk management of the enterprise on restructuring project is being analyzed

Key words: industrial enterprise, restructuring, risk, risk management restructuring system