
ABSTRACTS

USING OF RFID TECHNOLOGY IN MAINTENANCE MANAGEMENT

(pages 1-4)

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Keywords: RFID technology, railway wagon, maintenance management

Abstract: Automated data collection helps to improve the precision of decision-making processes. Currently, the radio frequency identification technology belongs to the most common application in the field of identification technology. In the world, the implementation of RFID technology is used in almost all areas of industry. RFID tags allow to use of the different products and materials applications. The article provides an overview of using this technology to record and register maintenance intervals of railway wagons. The application of RFID technology helps to avoid huge disasters and accidents caused by lack of information about the technical state of rail freight wagons.

SIMULATION AS PART OF INDUSTRIAL PRACTICE

(pages 5-8)

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Keywords: simulation, model, program, system, production

Abstract: Article discusses the simulation as an efficient scientific method of problem solving in industrial practice. It creates an overview of the simulation program means used in industrial practice and creates an overview of tools for discrete, continuous, and combined.

A COMPARISON OF SUPPLIERS AND THEIR LEVELS WITHIN THE PURCHASING PROCESS

(pages 9-12)

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Keywords: purchasing, supplier, evaluation, company

Abstract: Due to the effects of the global economic crisis, manufacturing companies have been forced to look for savings in all areas. Many manufacturing entities in recent years have not sufficiently optimized their purchasing processes. Effective and cost-optimised purchasing, however, is a crucial factor in a company's success. Assessing the quality of suppliers and their services therefore appears to be a key aspect. Deciding on which supplier to use is not easy, because there are multiple criteria that concern the complete marketing purchasing mix and other inner and outer factors that need to be taken into account. The final decision may have a significant impact not only on the entire manufacturing process, but also on the competitiveness of the respective product or the company as a whole.

BENEFICIAL COALITIONS: KNOWLEDGE MANAGEMENT AND DEVELOPMENT OF EMPLOYEE COMMITMENT

(pages 13-16)

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Keywords: knowledge management, employee commitment

Abstract: Presently, knowledge is considered as the most strategic resource of organizations. The literature on the subject often raises the issues of commitment. The purpose of the article was to discuss the associations between knowledge management and employee commitment. The article presents the stages of knowledge management and describes the category of commitment, taking account of several criteria. In the opinion of the authors, from the point of view of knowledge management particular importance can be attained to the way qualifications, skills, predispositions and knowledge of employees will be used, which, in turn, depends on "quality" of their commitment (its type, intensity, dimension and direction) in achieving organizational goals.

APPLICATION OF LOGISTICS PRINCIPLES FOR THE PURPOSES OF INTEREST INCREASE IN THE SPIŠ REGION

(pages 17-22)

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Keywords: services, logistics services, Spiš region

Abstract: This article refers to the application of logistics principles for the purposes of interest increase in the Spiš region. The object of the research is the Spiš region, its structure and range of services. On the basis of system analysis results the recommendations were listed. Practical application of recommendations may increase the interest in the Spiš region and contribute to its development. Certain paragraph contains the time schedule and recommendation implementation costs. After practical application of selected recommendations their effectiveness was. Conclusions are contained in individual paragraph.
