
ABSTRACTS

**EXPLOITATION OF ECONOMIC INFORMATION SYSTEMS FOR COST
MANAGEMENT IN SLOVAK CONSTRUCTION COMPANIES**

(pages 1-5)

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Keywords: exploitation of economic information systems, cost management, Slovak construction companies

Abstract: Planning and cost management is one of the criteria how to successfully manage the company. This contributes several instruments. One of them are information systems and economic information systems. Several studies indicate that their use have a lot of benefits. Article discusses the issue of exploitation level of economic information systems for cost management in Slovak construction companies. The main objective of this article is to confirm the hypothesis that answers to the following questions: Does the size of the construction enterprise impact on the exploitation level of information systems in the cost management of construction enterprises? What is overall the exploitation level of economic information systems for cost management in Slovak construction companies?

TECHNICAL MEASUREMENT AND ANALYSIS OF THE IMPACT OF MAGNESITE DEPOSIT OF DUST ON THE READABILITY OF RFID TRANSPONDERS

(pages 7-10)

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Keywords: RFID transponder, magnesite dust, measurement

Abstract: The present paper deals with experimental testing of the readability of RFID transponders in the sputtered magnesite dust layer under different conditions. In the first part of the article describes the measurement and the used equipment. The second part includes the creation of experimental model with a subsequent evaluation of measurements for the purposes of carrying out verification of the applicability of the selected RFID transponders in the circumstances. In conclusion, the publication is evaluated the progress of the experiment and the results of measurements determining the environmental conditions and meets the requirements of the application.

RFID AS A TOOL OF COMPETITIVENESS INCREASE OF RAIL FREIGHT

(pages 11-14)

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Keywords: RFID, RFID tag, freight transport, wagon

Abstract: Nowadays huge of goods is transported by road although there is requirement to greener logistic. Unfortunately if rail freight transport wants to be competitive to road transport, many changes must be done. Slovak railways freight transport has many barriers and bottlenecks and although private carriers are not real competition right now, later situation can change. So there must be new ways how to improve goods transport while anticipating resource and environmental constraints. From that point of view, implementation of RFID technology sounds as good solution for increase of competitiveness of rail freight.
