



**“Gheorghe Asachi” Technical University of Iasi, Romania**



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## **ASSESSING THE HEALTH AND SAFETY RISKS IN THE EDUCATION SECTOR**

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### **Abstract**

The workplace accidents are considered major sources of risk in the term of occupational safety. In these sense the employers take in consideration the workplaces risks plans. Risk workplace assessments allows employers to ensure preventive plans to limit or eliminate the risk factors by: selection of adequate working conditions, limited risk exposure, implementation of the proper individual safety equipment's, periodical medical inspection, ergonomic workplace design.

The current paper presents the results of the occupational risk assessment at the level of the Faculty of Engineering within the “Vasile Alecsandri” University in Bacau. The assessment was conducted by applying the method developed by the National Institute of Research and Development for on Labour Protection, Bucharest. Risk assessment enables the identification of risk factors from analysed system, for the each risk factor, by components: production equipment's, workplace conditions, type of work, work performer as well the risk reduction and prevention. The overall risk level calculated varies between 2.69 and 3.10. The distribution of risk factors by generating sources indicated, for all jobs, as principal risk factor the work resources. The second risk factor was specific for the performer and workplace and the last was work task risks factors.

*Key words:* accidents, injuries, risk, work system, work safety

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