



“Gheorghe Asachi” Technical University of Iasi, Romania



RISK ASSESSMENT OF WHOLE-BODY VIBRATIONS GENERATED BY INDUSTRIAL ACTIVITIES WITH ENVIRONMENTAL IMPACT

Gabriel Dragos Vasilescu*, Emilian Ghicioi, Angelica Drăghici, Nelu Mija

National Institute for Research and Development in Mine Safety and Protection to Explosion–INSEMEX Petroșani, 32-34 G-ral Vasile Milea Str., 332047 Petroșani, Hunedoara County, Romania

Abstract

This paper describes the model for forecasting the exposure risk of workers to global occupational vibrations. The research has been achieved within the PN 07 45 01 18 Project in the framework of the NUCLEU/2012-2013 Program. This project has a national and European interest, entailing the increase of occupational health and safety level and ensuring sustainable environmental quality and comfort at workplaces.

The scientific novelty is given by the complex and interdisciplinary aspect of the research results regarding the analysis and assessment of exposure risk to global vibrations, as a viable and certain solution for promoting the sustainable management of workplaces situated in environments with vibrations.

Key words: diagnosis, distribution, forecast, mechanical vibrations, occupational risk

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* Author to whom all correspondence should be addressed: E-mail: dragos.vasilescu@insemex.ro; Phone: + 40 254541561; Fax: + 40 254541561