Online ISSN 2066-8570

WORK SAFETY SELF-ASSESSMENT (PART II). APPLICATION, WORKER

Costică BEJINARIU¹, Doru-Costin DARABONT², Lucian-Ionel CIOCA³

Abstract. Work safety self-assessment is usually applied to small and medium enterprises, but also to large enterprises on subsystems such as sections, workshops, departments, by designated worker. Self-assessment involves going through a series of questions whose answers cover the main health and safety issues for assessed organization. Thus, a qualitative self-assessment is carried out through a "Weak points – Strong points" table, and a quantitative self-assessment on the work system components: work task, worker, work means and work environment. The paper focuses on the "Worker" component.

Rezumat. Autoevaluarea securității muncii se aplică, de regulă, întreprinderilor mici și mijlocii, dar și întreprinderilor mari pe subsisteme cum ar fi sectii, ateliere, departamente, de către lucrătorul desemnat. Autoevaluarea presupune parcurgerea unei serii de întrebari a căror răspunsuri acoperă principalele probleme de securitate și sănătate în muncă de la unitatea evaluată. Astfel se realizează o autoevaluare calitativă, prin intermediul unui tabel "Puncte slabe - Puncte tari", si o autoevaluare cantitativă, pe componentele sistemului de muncă: sarcina de muncă, executant, mijloace de muncă și mediul de lucru. Lucrarea de față se axează pe componenta "Executant".

Keywords: occupational safety and health, qualitative self-assessment, quantitative self-assessment

DOI <u>10.56082/ANNALSARSCIENG.2024.2.119</u>

1. Introduction

The method for work safety self-assessment applicable to small and medium enterprises was carried out by the National Research and Development Institute of Occupational Safety – INCDPM "Alexandru Darabont" Bucharest [1].

With the appearance of the "Microsoft Office" package and especially the Microsoft Excel component, as a general software for data processing, the application of the method has become much simpler [2]. An example of the application of the method

¹Professor, PhD, Eng., Materials Engineering and Industrial Safety Department, Faculty of Materials Science and Engineering, Gheorghe Asachi Technical University of Iasi, Iasi, Romania, Associate member of the Academy of Romanian Scientists (e-mail: costica.bejinariu@academic.tuiasi.ro).

²PhD, Eng., Senior Researcher, The National Research and Development Institute of Occupational Safety - "Alexandru Darabont", Bucharest, Romania (e-mail: <u>darabont d@yahoo.com</u>).

³Professor, PhD, Eng., Industrial Engineering and Management Department, Faculty of Engineering, Lucian Blaga University of Sibiu, Full member of the Academy of Romanian Scientists (e-mail: <u>lucian.cioca@ulbsibiu.ro</u>).