THE SAFETY BREAKEVEN POINT – ASSESSMENT AND CASE STUDY CONCERNING THE LABOUR SAFETY AND ENVIRONMENTAL PRESERVATION IN A TEXTILE FIRM

Ion Verzea*, Gabriel-Petru Luca

"Gh. Asachi" Technical University of Iasi, Romania
Department of Management and Production Systems Engineering
Mangeron Street 53, 700050, Iasi, Romania,
E-mails: iverzea@misp.tuiasi.ro; gpluca@staff.tuiasi.ro

Abstract

Among production volume, productivity, economic efficiency and labour safety, always there is an unspoken conflict: a high level of productivity - related to a maximal availability and efficiency - makes sometimes to neglect entirely the fundamental aspects concerning the labour safety and environmental preservation, or, more often, to have little consideration to them. This is the reason of the present study, which tries to connect – in an integrated manner – all these factors by using a genuine concept: the safety breakeven point. The practical applicability of this new concept is proofed throughout a case study, which was developed on the basis of a Romanian textile firm.

Keywords: safety breakeven point, labour safety, environmental preservation

* Author to whom all correspondence should be addressed: Mangeron Street 53, 700050, Iasi, Romania, e-mail: iverzea@misp.tuiasi.ro