Model of MSD Risk Assessment at Workplace

Authors : K. Sekulová, M. Šimon

Abstract : This article focuses on upper-extremity musculoskeletal disorders risk assessment model at workplace. In this model are used risk factors that are responsible for musculoskeletal system damage. Based on statistic calculations the model is able to define what risk of MSD threatens workers who are under risk factors. The model is also able to say how MSD risk would decrease if these risk factors are eliminated.

Keywords : ergonomics, musculoskeletal disorders, occupational diseases, risk factors
Conference Title : ICIE 2014 : International Conference on Industrial Engineering
Conference Location : Singapore, Singapore
Conference Dates : September 11-12, 2014

Open Science Index, Industrial and Manufacturing Engineering Vol:8, No:09, 2014 publications.waset.org/abstracts/13024/pdf