

EVALUAREA RISCURILOR DE ACCIDENTARE DIN PUNCT DE VEDERE A SECURITĂȚII ȘI SĂNĂȚĂȚII ÎN MUNCĂ

OCCUPATIONAL HEALTH AND SAFETY ASSESSMENT OF INJURY RISK

Drd.ing. Ioan-Florin OARGĂ

Student Ioan-Tudor OARGĂ

Universitatea Tehnică din Cluj-Napoca

Abstract: The purpose of this paper is to present an outline of Occupational health and safety Assessment of Injury Risk. The paper aims to presents some information for the presence of illness risks and methods to identify, quantify, rank and evaluate them. From occupational health and safety point of view, the term "risk" can be defined as the most probable consequence of a hazard, combined with the risk or occurrence probability. The "risk" can be quantified by several methods, with the aim of measuring it according to its probability of occurrence and the maximum possible gravity. The process of assessing professional risks uses evaluation methods based on mathematical, scalar, graphical and statistical methods, aiming to assign a quantity to this risk. In practice, professional risk assessment studies are developed by professional assessors, accompanied by top level technical staff qualified in the organization's field of activity and job managers, as they know the particularities of the processes carried out in the organization. Occupational health and safety Assessment of Injury Risk Occupational have the role of minimizing professional risks and helping organization's management to obtain managerial performance and zero risk for workers.

Keywords: health, safety, assessment, injury, risk