

The Value of the Individual Risk Perception in Work Accident Prevention in the Metalworking Industry

Ilda Castro, Delfina Ramos, Estela Vilhena

BACKGROUND: It is assumed that the risk is subjective in nature and that it is defined by the subject itself, this subject, which draws up its criteria, can be strongly influenced by a wide range of psychological, social, institutional and cultural factors. The correct perception of risk by each professional can largely function as an organizational performance improvement factor and a strong indicator of performance in preventing accidents.

OBJECTIVES: The proposed work aims to understand to what extent the different perceptions of risk might influence behavior, attitudes and ways of doing the job, by the workers.

METHODOLOGY: The following methodology of investigation in this study includes the following steps: a) literature review; b) choice of topics to be addressed in developing the questionnaire, c) conducting a survey for employees of the company (150 men / women of different ages, educational background, professional groups, victims and not victims workers); d) preparation of treatment and statistical analysis on the basis of the results obtained. SPSS will be used for statistical analysis of the survey / questionnaire; e) preparation of conclusions, including whether there is a relationship between the perception of the risks of workers and the occurrence of accidents

RESULTS AND CONCLUSIONS: The realization of a comparative study between workers of different genres, with different qualifications, ages, professions, victims and not victims workers, will determine whether or not a relationship between the perception of the risks of workers and work accidents.

Keywords: health and safety at work, metalworking Industry, perception of risk, work accidents.