

# Classification of Human Risks with the Method Analytical Hierarchy Process

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## Abstract

In their competitive nesses research, and facing an uncertain environment, the firms search more and more to attain again objective. For that, it is necessary to minimize risks and unforeseen in their systems give complexes by the analyses of security; this one has been envisaged a long time of the technical point of view, as a first tentative to minimize risks and accidents. Then, the adoption of the security analysis on the flat engineering only for the risks elimination endures to run out of him taken in account different demonstrated variability by the human operator. The human operator as the basic postulate of events appearance of catastrophes and failures. However , issuing finders of diverse currents have to apply different methods to minimize risks of human errors, some have used combined methods taking counts him personals factors and engineering, others himself are supported on estimations probabilities to calculate trials of workers. The objective of this communication is to analyze human risks by application of multicriteria method to help the decision AHP (Analytical Hierarchy Cases) for to minimize human errors and to make firm a level of improvement of the long-term security . The application of the method Analytica IHierarchy process for classification the risks and causes will be assiduous as a first practice in a tunisian industry in order to visualize his importance level.

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