

# **Investigation effect of organizational culture on organizational safety performance (case study: Guilan power distribution organization)**

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**Today, safety in developed and developing countries has become an important factor that has a significant impact on productivity, so organizations are looking to examine the factors affecting it. In this regard, This research has been designed to investigate the effect of organizational culture on security performance in the electricity distribution organization of Guilan province. The method of this research is descriptive and is considered as a practical purpose. The statistical population of this research includes employees of Power Distribution Organization of Guilan province and random sampling method. The method of data collection in this field survey is the questionnaire. The validity of the research tool was content validity method and reliability of Cronbach's alpha coefficient was used. Finally, for analyzing the data and testing the research hypotheses, structural equation modeling was used with smart pls 2 software. The results of the hypothesis test showed that all five research hypotheses except the impact of Concurrent Engineering on the safety performance approved and management commitment to safety, Design-for-Safety, Concurrent Engineering, Create a safe environment have a positive role in explaining security performance. So the model explains overall 73.9% of the security performance variable (network safety performance).**

**Keywords : management commitment to safety, Design-for-Safety, Concurrent Engineering, safety performance, Create a safe environment**

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