

عنوان مقاله:

Hybrid Approach of ANP and DEMATEL for Selecting Optimal Maintenance Strategy: a case study in the pharmaceutical industry

محل انتشار:

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نویسندگان:

Ali Nakhjavani - *Department of Industrial Engineering, Najafabad Branch, Islamic Azad University, Isfahan, Iran*

Naser Mollaverdi - *Department of Industrial Engineering, Isfahan University of Technology, Isfahan ۸۴۱۵۶-۸۳۱۱۱, Iran*

Farimah Mokhatab Rafiee - *Department of Industrial Engineering, Faculty of Engineering, Isfahan University of Technology, Iran*

خلاصه مقاله:

Organizations' competitiveness and efficiency depend on the reliability, availability and productivity of their production equipment today. In order to increase reliability and safety level with reasonable cost, it is vital for companies to select the appropriate maintenance strategy. Among all the duties of maintenance departments, having a proper maintenance strategy developed based on the needs of the organization and aligned with the organization's goals is a necessity. It is also considered the first and most important step toward the department's success. This paper presents a hybrid approach of analytical network process and DEMATEL to select optimal maintenance strategy. Results revealed that the best maintenance strategy for transformer equipments of Exir Pharmaceutical Company of Boroujerd is reliability centred maintenance.

کلمات کلیدی:

maintenance, Strategy Criteria, DEMATEL ANP

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