

عنوان مقاله:

Risk Analysis of Production Process of Engine Oil Carter using FMEA

محل انتشار:

چهارمین کنفرانس بین المللی علوم و مهندسی (سال: 1395)

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خلاصه مقاله:

Nowadays, research and analysis of risk factors of manufacturing systems, have considered in some fields such as automobile manufacturing industries, aerospace, electronics, chemicals and other manufacturing industries. One of tools that can be used in this context, is FMEA method. This method help manger or designer in detection of failures, their effects and solutions before operating process or design. In this research, applying FMEA in automobile manufacturing, is studied. Among various automobile manufacturing industries process, manufacturing process of engine oil carter. Data of this research, has achieved based on the ideas of experts and specialists of the relevant subject. By applying the idea of experts and specialists, the cases of potential failure and their effects, rate and number of severity, occurrence, and detection of obtained failures, have obtained and finally, risk priority number (RPN), has obtained. These results can be effective for upgrading the above mentioned automobile manufacturing system.

کلمات کلیدی:

Engine oil carter, Risk analysis, FMEA

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