

## عنوان مقاله:

Lean thinking & FMEA

## محل انتشار:

کنفرانس بین المللی استراتژیها و تکنیکهای حل مسئله (سال: 1385)

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## خلاصه مقاله:

Countries and civilizations always have tried to achieve as much as possible in economic and commercial fields and avoid any kind of loss. utilizing scientific methods, is a vital factor in this case. Lean thinking methodology is one of the best known ways to improve the systems and also cause major developments in organizational culture, efficiency, profitability and costumer satisfaction. the main focus of this method, is on identification and then elimination of non-value added resources witch consequently leads to realization of company's goals. issues like: intense competition, increase in expectations, changes in requirements, ever increasing alterations in technology, etc, means more responsibility for producers on removing deficiencies and addressing the problems in their performance; otherwise they will lose their market share due to customer dissatisfaction. in order to fulfill these goals, today companies must use tools for FMEA. Considering the weak and strong points of each of these methods, and the synergy between them, simultaneous implementation of these two, leads to much better results comparing to their separate implementation. in this article, we focus on implementing them together too; in a way that not also their specific abilities will not be lost, but also raise the overall performance of the organization. in the following, these two methods .are compared from different aspects. later, we combine their operational phases and represent flowchart

## کلمات کلیدی:

Lean, FMEA, Failure mode, Muda, reliability, Waste

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