



The Key Success Factors for Lean Manufacturing versus Six Sigma

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Mots-clés	Key success factors [4], lean manufacturing [5], quality tools [6], Six Sigma [7], statistical test [8]
Résumé en anglais	<p>The aim of this study is to investigate and identify the key success factors of implementing lean manufacturing and six sigma in separate ways. The study applies a quantitative approach and statistical analysis to determine the results collected from the French industry. Findings revealed that there exist statistically significant differences in the level of importance between the implementation of lean manufacturing and six sigma across the common success factors such as culture change, communication and involvement of employees, among others. On the other hand, there were similarities in the degrees of importance regarding the common success including top management commitment, skill and expertise and linking method to supplier, etc. The findings can assist an organization to be more careful with the success factors of each method, in addition to helping them in determining the appropriate method that enables exploration between lean manufacturing and six sigma based on the capacity of an organization to apply the success factors. Literature reviews regarding comparison of key success factors of lean manufacturing and six sigma had not been tested earlier, which have been considered in this study.</p>
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