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Lean Six Sigma practical case studies

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Lean Six Sigma is a well-recognized continuous improvement methodology for achieving operational and service excellence in any organization. The purpose of this paper is to explain how Lean Six can be implemented in real practice resulting in hundreds of thousands of dollars of actual savings (cost reduction and profit increase). This is demonstrated through three practical case studies on utilization of machines and labour, efficiency of production line and margin of sales process. All of these cases studies are real and they follow the structured approach of define, measure, analyze, improve and control (DMAIC). The approach and results of these case studies can be beneficial for managers and continuous improvement practitioners or engineers who can replicate the best practices and lessons learned from these case studies into their similar fields where it can be applicable.

Biography

Souraj Salah has completed his PhD from the University of New Brunswick in Canada. He is currently working as a Quality Manager for Juma Al Majid Group, in the contracting, services and manufacturing sectors. He has published more than 10 papers in reputed journals and has over 15 years of experience as a Professional Industrial Engineer in the field of Quality Improvement. He is certified as a Black Belt by the Juran Institute and as a Master Black Belt by Alignment Strategies in Canada.

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