


Make-to-order machining companies: applying project management to production planning

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Abstract: At machining factories operating in make-to-order environments, projects play an essential role, since they are the main product of such companies. Therefore, these companies must have an efficient management system, in order to meet their customers?tighter standards for cost, term and quality. This paper presents the implementation of a project management methodology for these companies, mainly for small and medium sized ones, with the purpose of reducing the overall length of its projects. The basic methodology of this work is the one developed by PMI?for general projects, but adapted to manufacturing project management. A practical implementation of the proposed method at a mid-sized company is herein presented. The analysis of the results revealed significant improvement in the company抯 processes and consequently, in their performance indicators.

Keywords: project management, methodology, manufacturing resources planning

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