



Essentials of Manufacturing Engineering Management: First Edition (Paperback)

By Peter N T Pang

iUniverse, United States, 2004. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Manufacturing engineering department plays a very significant role in the manufacturing and operations functions. It conducts pre-production of newly designed products through potentially viable processes, and equipment functional system to derive the finished products that would meet product quality, production costs, and customer requirements. This book shows generously examples of facility, and production layouts, processes, methods, and materials flow to increase labor efficiency, and effectiveness of plant performance. It elaborates intensively the measurement methods of worker performance, machine utilization, and unproductive time. It emphasizes manufacturing problematic areas, avoidance of inefficiencies, and areas for improvement. This book also outlines quality control methods, business objective, strategy, and tactic methodology and implementation process, and decision theory and analysis. There are numerous illustrated examples, questions, problems, and solutions in each chapter to reinforce reader s comprehension of materials.



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