



Industrial Engineering: Theory, Practice Application: Business and Production Management, Productivity and Capacity

By Jack Greene

Createspace, United States, 2013. Paperback. Book Condition: New. 264 x 203 mm. Language: English . Brand New Book ***** Print on Demand *****.A wide spectrum of tools and techniques exists to manage business cost, output, utilization, cycle time, performance. This objective book explains strategy, benefits and application of tools, and how they fit and reinforce each other Basic IE principles apply widely, to support efficiency and productivity not only in manufacturing but also in the office, lab, maintenance shop, warehouse; service industries, military, medical services, construction. The 400 plus pages of this book present: Seven chapters on Industrial Engineering. Theory, practice, application; how it all fits together, payback of 10 times and how to get it, a sample charter. Four chapters on industrial engineering within a broader management structure; labor, materials, overhead, risk management. Eleven chapters on Cost Reduction; Survive, Recover, or Thrive. Basics, management, accounting, cherry pick, beyond cherry picking, do operating practices interfere, value added, motivation. Thirteen chapters on Work Measurement. What, Why, and How-To. Measurement techniques, incentives, time study, work sampling, construction piece rates, a model plan to establish work measurement, methods checklists, glossary, useful forms. Twenty seven chapters on Plant layout, facility design, floor planning. Benefits,...



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