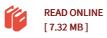




Six Sigma for Technical Processes: An Overview for R&D Executives, Technical Leaders, and Engineering Managers (Paperback)

By Clyde M. Creveling

Pearson Education (US), United States, 2009. Paperback. Condition: New. Language: English. Brand new Book. Use Six Sigma to achieve and sustain excellence in product development and commercialization! To sustain growth and profitability, companies must tightly align product development and commercialization to fast-changing customer requirements. In this book, Clyde Creveling identifies the four process areas most crucial to doing so-and shows executives and managers how to optimize each of them. Creveling introduces a Six Sigma-enabled workflow that encompasses strategic product/technology portfolio definition and development, research and technology development (R&TD), tactical design engineering processes for commercialization, and operational production and service support. He presents tools, methods, and best practices for selecting the right projects, prioritizing them, and executing them rapidly, consistently, and successfully. Integrate all key technical processes so they work together in harmony Create Phase/Gate control plans for delivering products with minimal risk Establish scorecards for risk management in technical processesUse Six Sigma tools, such as Monte Carlo and FMEA, to improve project managementBring discipline to your product and technology portfolio renewal processesSystematically optimize your commercialization processesDefine stripped-down "Fast Track" processes for commercializing high-risk, high-reward opportunitiesProvide effective operational support after you launch your productPreview the future of "lean" and Six Sigma...



Reviews

This publication is amazing. It is definitely basic but shocks in the fifty percent of your publication. You wont feel monotony at anytime of your own time (that's what catalogues are for concerning if you question me).

-- Prof. Kirk Cruickshank DDS

This kind of book is every little thing and taught me to looking ahead of time and a lot more. I am quite late in start reading this one, but better then never. I found out this book from my dad and i encouraged this pdf to find out.

-- Justus Hettinger