



Design for Six Sigma: The Revolutionary Process For Achieving Extraordinary Profits

This book follows the Six Sigma success story up the value chain to the design and development process, where defect reduction can have greater impact. Chowdhury outlines the real power of Six Sigma--the combining of people and process to change an organization. While most organizations spend less time training design for Six Sigma (DFSS) than standard Six Sigma, he stresses DFSS involves many more quality concepts.

Chowdhury begins with a short review of his previous book, *The Power of Six Sigma*, to get readers up to speed, then defines roles and responsibilities of participants and moves on to his five-step process--identify, define, develop, optimize and verify. The identify and define steps focus on interacting with quality function deployment and understanding the customer value chain. In the develop step he discusses generating ideas and innovation such as the theory of inventive problem solving and failure mode effects analysis. In optimize he addresses robust design and tolerancing. In the verify step he surveys capability analysis, prototyping and pilot production phases.

This book is a summary of the DFSS process. It's only 163 pages, but it will help any reader understand the process better.