

1. Record Nr.	UNINA9910454423803321
Autore	Bhote Keki R. <1925->
Titolo	World class quality [[electronic resource]] : using design of experiments to make it happen // Keki R. Bhote, Adi K. Bhote
Pubbl/distr/stampa	New York, : American Management Association, 2000
ISBN	0-8144-2642-5
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (512 p.)
Altri autori (Persone)	BhoteAdi K
Disciplina	658.5/62
Soggetti	Quality control - Statistical methods Process control - Statistical methods Experimental design Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 479-480) and index.
Nota di contenuto	Preliminaries; Contents; List of Tables; Preface to the Second Edition; Acknowledgments; 1. The Need for and Objectives and Benefits of Design of Experiments; 2. Fads, Potions, Nostrums of the Quality; 3. A Powerful Tool Kit for the 21st Century; 4. The Measurement of Process Capability; 5. Variation: An Industrial Epidemic; 6. The Three Approaches to DOE; 7. A Synopsis of the 10 Powerful DOE Tools; 8. The Multi-Vari Analysis; 9. The Concentration Chart; 10. Components Search; 11. Paired Comparisons; 12. Product/Process Search; 13. Variables Search; 14. The Full Factorial; 15. B versus C 16. Scatter Plots to Achieve Realistic Specifications and Tolerances 17. Response Surface Methodology (RSM); 18. Positrol: Freezing Process Gains; 19. Process Certification; 20. Control Charts; 21. Pre-Control; 22. Multiple Environment Over Stress Tests; 23. Case Studies in Sequential DOE Tools to Solve Chronic Problems; 24. Learning by Doing; References; Index
Sommario/riassunto	This revised, expanded best-seller is a powerful new tool kit for the 21st century.