

1. Record Nr.	UNINA9910555149103321
Autore	Sutherland John
Titolo	Energy efficient manufacturing : theory and applications / / edited by John W. Sutherland, David A. Dornfeld and Barbara S. Linke
Pubbl/distr/stampa	Hoboken, NJ : , : Wiley Beverly, MA : , : Scrivener Publishing, , 2018
ISBN	1-119-52137-8 1-119-51990-X 1-119-51981-0
Edizione	[1st edition]
Descrizione fisica	1 online resource (469 pages)
Disciplina	658.2/6
Soggetti	Manufacturing processes - Energy conservation Process control Fabricació - Estalvi d'energia Control de processos
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Sommario/riassunto	Over the last several years, manufacturers have expressed increasing interest in reducing their energy consumption and have begun to search for opportunities to reduce their energy usage. In this book, the authors explore a variety of opportunities to reduce the energy footprint of manufacturing. These opportunities cover the entire spatial scale of the manufacturing enterprise: from unit process-oriented approaches to enterprise-level strategies. Each chapter examines some aspect of this spatial scale, and discusses and describes the opportunities that exist at that level. Case studies demonstrate how the opportunity may be acted on with practical guidance on how to respond to these opportunities.