

1. Record Nr.	UNINA9910254027603321
Autore	Golwalkar Kiran R
Titolo	Production Management of Chemical Industries // by Kiran R. Golwalkar
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-28253-0
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (370 p.)
Disciplina	540
Soggetti	Chemical engineering Engineering economy Production management Industrial Chemistry/Chemical Engineering Engineering Economics, Organization, Logistics, Marketing Operations Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Introduction -- Financial and Commercial Matters -- Procurement of Equipment and Machinery -- Erection and Commissioning -- Procurement of Raw Materials and Other Items -- Safety Management -- Pollution Control -- Maintenance Management Activities -- Utilities -- Instrumentation -- Energy Efficiency -- Methods of Heating -- Inventory Control -- General Administrative Matters -- Process Control, Product Quality, Research & Development -- Smooth Running of the Production Plants -- Identification of Hazards: Some Practical Examples -- Appendix A: General Technical Matters -- Appendix B: Techno-economic Matters -- Appendix C: Typical Water Balance in Chemical Industries -- Appendix D: Typical Electrical Arrangements -- Appendix E: Organisation Structure for Industrial Administration.
Sommario/riassunto	This book covers all major areas of operation, pollution control, safety, modernization, diversification, and resource management for cost control in the industrial production of chemicals. The author details the importance of obtaining the right type of raw materials and equipment for maximum plant efficiency and also discusses revival of plants that

have been idle for long periods. He also presents important issues concerning product quality, energy recovery, safety, pollution control and improving profitability by proper management of resources. The book is ideal for shop floor engineers, middle level management, and owners of small- and medium-scale facilities in many countries as it serves as a guide for keeping the plant operations running in adverse situations, for reducing energy consumption; improving profitability, resource allocation, and workforce planning.
