

1. Record Nr.	UNINA9910788009103321
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Titolo	An applied guide to process and plant design // Seán Moran ; designer, Maria Ines Cruz
Pubbl/distr/stampa	Amsterdam, [Netherlands] : , : Butterworth-Heinemann, , 2015 ©2015
Edizione	[1st edition]
Descrizione fisica	1 online resource (378 pages)
Disciplina	725.4
Soggetti	Factories - Design and construction Production engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Sommario/riassunto	An Applied Guide to Process and Plant Design is a guide to process plant design for both students and professional engineers. The book covers plant layout and the use of spreadsheet programmes and key drawings produced by professional engineers as aids to design; subjects which are usually learned on the job rather than in education. You will learn how to produce smarter plant design through the use of computer tools, including Excel and AutoCAD, "What If Analysis", statistical tools, and Visual Basic for more complex problems. The book also includes a wealth of selection tables, covering the key aspects of professional plant design which engineering students and early-career engineers tend to find most challenging. Professor Moran draws on over 20 years' experience in process design to create an essential foundational book ideal for those who are new to process design, compliant with both professional practice and the IChemE degree accreditation guidelines. Explains how to deliver a process design that meets both business and safety criteria Covers plant layout and the use of spreadsheet programmes and key drawings as aids to design Includes a comprehensive set of selection tables, covering those aspects of professional plant design which early-career designers find most challenging

