1. Record Nr. UNINA9910140571603321

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Titolo	Reverse osmosis [[electronic resource]] : industrial processes and applications / / Jane Kucera
Pubbl/distr/stampa	Hoboken, NJ, : Wiley, c2010
ISBN	1-282-68975-4 9786612689758 1-118-21144-8 1-61344-166-5 0-470-88263-8 0-470-88266-2
Descrizione fisica	1 online resource (416 p.)
Collana	Wiley-Scrivener ; ; v.35
Disciplina	628.1/64 628.164
Soggetti	Water - Purification - Reverse osmosis process Industrial water supply 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 and index.
Nota di contenuto	Reverse Osmosis; Contents; Preface; PART 1 FUNDAMENTALS; 1 Introduction and History of Development; 2 Reverse Osmosis Principles; 3 Basic Terms and Definitions; 4 Membranes; 5 Basic Flow Patterns; 6 Reverse Osmosis Skids; PART 2 PRETREATMENT; 7 Water Quality Guidelines; 8 Techniques and Technologies; PART 3 SYSTEM DESIGN; 9 Design Considerations; 10 RO Design and Design Software; PART 4 OPERATIONS; 11 On-Line Operations; 12 Performance Degradation; 13 Off-Line Operations; PART 5 TROUBLESHOOTING; 14 Troubleshooting; PART 6 SYSTEM ENGINEERING; 15 Issues Concerning System Engineering 16 Impact of Other Membrane TechnologiesPART 7 FREQUENTLY ASKED QUESTIONS; 17 Frequently Asked Questions; Unit Equivalent and Conversions; Index
Sommario/riassunto	The most comprehensive and up-to-date coverage of reverse osmosis in industrial applications. Reverse osmosis is rapidly growing as a water

treatment technology used for many applications, such as boiler feed water and recovering wastwater for reuse. This ""green"" technology is becoming more and more widely used in many settings, especially in industry. Even as the technology becomes more widespread, the understanding of the technology is lagging behind. Reverse Osmosis provides an essential reference for any process or chemical engineer working with this emergent technology.<