

1. Record Nr.	UNINA9910139471403321
Titolo	White's handbook of chlorination and alternative disinfectants [[electronic resource] /] / Black & Veatch Corporation
Pubbl/distr/stampa	Hoboken, NJ, : Wiley, c2010
ISBN	1-118-21055-7 1-282-69138-4 9786612691386 0-470-56133-5 1-61583-475-3 0-470-56132-7
Edizione	[5th ed.]
Descrizione fisica	1 online resource (1104 p.)
Altri autori (Persone)	WhiteGeorge Clifford
Disciplina	628.1662 661.0732
Soggetti	Water - Purification - Chlorination Sewage - Purification - Chlorination Water - Purification - Disinfection Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Revised edition of: Handbook of chlorination and alternative disinfectants / Geo. Clifford White. 4th edition 1999.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	WHITE'S HANDBOOK OF CHLORINATION AND ALTERNATIVE DISINFECTANTS; CONTENTS; Preface; Authors; List of Contributors and Reviewers; List of Abbreviations; Acknowledgments; 1 Chlorine: History, Manufacture, Properties, Hazards, and Uses; 2 Chemistry of Aqueous Chlorine; 3 Determination of Chlorine Residuals in Water and Wastewater Treatment; 4 Chlorination of Potable Water; 5 Chlorination of Wastewater; 6 Disinfection of Wastewater; 7 Chlorine Contact Basin Design; 8 Chlorine Feed Systems; 9 Hypochlorination-Sodium Hypochlorite; 10 On-Site Sodium Hypochlorite Generation System; 11 Dechlorination 12 Process Controls for Chlorination and Dechlorination 13 Operation and Maintenance; 14 Chlorine Dioxide; 15 Ozone; 16 Bromine, Bromine Chloride, BCDMH, and Iodine; 17 Ultraviolet Light; 18 Advanced

Sommario/riassunto

New edition covers the latest practices, regulations, and alternative disinfectants. Since the publication of the Fourth Edition of White's Handbook of Chlorination and Alternative Disinfectants more than ten years ago, the water industry has made substantial advances in their understanding and application of chlorine, hypochlorite, and alternative disinfectants for water and wastewater treatment. This Fifth Edition, with its extensive updates and revisions, reflects the current state of the science as well as the latest practices. Balancing theory with practice, the <i
