1. Record Nr. UNINA9911007371103321

Autore	Kroger Detlev G.
Titolo	Air-cooled heat exchangers and cooling towers : thermal-flow performance evaluation and design. Volume II / / by Detlev G. Kroger
Pubbl/distr/stampa	Tulsa, Okla., : PennWell, 2004
ISBN	1-62870-299-0 9781593700195
Descrizione fisica	1 online resource (460 p.)
Disciplina	621.402/2
Soggetti	Factories - Cooling Petroleum refineries - Cooling Electric power-plants - Cooling Heat - Transmission Refrigeration and refrigerating machinery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record. EBL Purchase. 1 concurrent user.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	6. Fans -- 7. Natural draft cooling towers -- 8. Mechanical draft coolers -- 9. Meteorological effects -- 10. Cooling system selection and optimization.
Sommario/riassunto	This new text represents the most detailed and comprehensive book presenting modern practice and theory relevant to the thermal-flow performance evaluation, design, and optimization of air-cooled heat exchangers and cooling towers. Kroger provides modern analytical and empirical tools used to evaluate the thermal-flow performance and design of air-cooled heat exchangers and cooling towers. He also covers how to prepare improved specifications and evaluate more critical bids with respect to thermal performance of new cooling systems. Further, Kroger explores improvement possibilities with respect to retrofits of existing cooling units as well as possible impacts of plant operations and environmental influences. This book lets you: optimize plant efficiency through an understanding of key reasons for poor performance; get extensive up-to-date information on air-cooled

heat exchangers and cooling towers; and, reduce misunderstanding between supplier and client through increased insight and intelligent specifications understanding.