1. Record Nr. UNINA9910303430403321

Titolo	On paper : the journal of prints, drawings and photography
Pubbl/distr/stampa	New York, NY, : Fanning Pub. Co., [1996-1998]
Descrizione fisica	1 online resource
Disciplina	760/.05
Soggetti	Prints Drawing Photography, Artistic Estampes Dessin Photographie artistique 21.20 drawing: general 21.30 graphic arts: general 21.40 photographic art: general Grafische kunst Tekenkunst Fotografie Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Title from cover.

2. Record Nr. UNINA9911006671403321

Autore	Carniglia Stephen C
Titolo	Handbook of industrial refractories technology : principles, types, properties, and applications / / by Stephen C. Carniglia, Gordon L. Barna
Pubbl/distr/stampa	Park Ridge, N.J., : Noyes Publications, c1992
ISBN	0-08-094560-0 1-59124-088-3
Descrizione fisica	1 online resource (1041 p.)
Altri autori (Persone)	BarnaGordon L
Disciplina	666.72
Soggetti	Refractory materials Heat resistant materials
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 (p. 577-602) and index.
Nota di contenuto	Cover image; Title page; Table of Contents; MATERIALS SCIENCE AND PROCESS TECHNOLOGY SERIES; Copyright; MATERIALS SCIENCE AND PROCESS TECHNOLOGY SERIES; Preface; Chapter 1: Introduction; TECHNICAL PERSPECTIVES; HISTORICAL PERSPECTIVES; Chapter 2: Foundations of Hot Processing; A REFERENCE CHAPTER; C0MPUTATIONAL QUANTITIES AND C0NVERSION FACTORS; HOT PROCESSING TEMPERATURES AND THEIR MEASUREMENT; PROCESS CHEMISTRY AND ENVIRONMENTS; Chapter 3: Foundations of Refractory Application; A SECOND REFERENCE CHAPTER; CONTEMPORARY HOT PROCESSING EQUIPMENT Reverberatory Furnace: Copper Smelting and RefiningTunnel Kiln: Ceramic Sintering; Heat-Treatment Furnaces: Metals and Glass; Drying Ovens: Ceramic Ware; Steam Boilers; BATCH TYPES - CIRCULAR; BATCH TYPES - RECTANGULAR; Chapter 4: Principles of Thermal Stability; MELTING POINTS OF SUBSTANCES; Nonoxide Melting Points; Summary: Melting Points of Refractory Substances; MELTING OF OXIDE MIXTURES; MICROSTRUCTURAL INTEGRITY; Chapter 5: Principles of Corrosion Resistance: Oxidation-Reduction; IMPORTANCE OF CORROSION; GIBBS FREE ENERGIES; REFRACTORY ALTERATION BY OXIDATION-REDUCTION Chapter 6: Principles of Corrosion Resistance: Hot LiquidsLIQUID PENETRATION AND DISSOLUTION-CORROSION; FACTORS GOVERNING

PENETRATION; FACTORS GOVERNING DISSOLUTION; Chapter 7: Principles of Corrosion Resistance: Hot Gases and Dusts; ATMOSPHERIC PENETRATION AND CONDENSATION; DUSTS: DEPOSITION AND ABRASION; CONCLUSION: PRINCIPLES OF WORKING REFRACTORY CONSTRUCTION; Chapter 8: The Working Refractory Product Line; CLASSIFICATION OF WORKING REFRACTORIES; MAXIMUM SERVICE TEMPERATURES; THERMAL STRESS RESISTANCE; CORROSION RESISTANCE; QUALIFICATIONS FOR WORKING REFRACTORY SERVICE Chapter 9: The Insulating Refractory Product LineAPPLICATIONS AND APPLICATION CRITERIA; CLASSIFICATION OF INSULATING REFRACTORIES; PHYSICAL FORM AND INSTALLATION OF LININGS; Chapter 10: Refractory Practice; REFRACTORY QUALIFICATIONS IN REVIEW; REFRACTORY PRACTICE FROM QUALIFICATIONS; CATALOG OF REFRACTORY PRACTICE; Chapter 11: Design Properties: Thermal and Electrical; REVERSIBLE THERMAL EXPANSION; PERMANENT DEFORMATION; SPECIFIC HEAT; THERMAL CONDUCTIVITY; Chapter 12: Design Properties: Mechanical; ELASTICITY AND PLASTICITY: CERAMICS AS A MODEL; MECHANICAL CHARACTERIZATION OF REFRACTORIES ILLUSTRATIVE MECHANICAL PROPERTIES OF REFRACTORIESChapter 13: Refractory Manufacture; OVERVIEW: CONSOLIDATED FLOW DIAGRAM FOR REFRACTORIES; FROM RAW MATERIALS TO FORMING; Chapter 14: Refractory Installation and Maintenance; STRUCTURAL ENGINEERING; MASONRY CONSTRUCTION; INSTALLATION OF MONOLITHICS; Chapter 15: Conclusion; HISTORICAL PERSPECTIVES REVISITED; PATENTS; References; Refractory Patents; Index

Sommario/riassunto

Encompasses the entire range of industrial refractory materials and forms: properties and their measurement, applications, manufacturing, installation and maintenance techniques, quality assurance, and statistical process control.