

1. Record Nr.	UNISA996202870503316
Titolo	60th Porcelain Enamel Institute Technical Forum [[electronic resource]] : May 11-14, 1998, Nashville, TN // Robert D. Reece, conference director
Pubbl/distr/stampa	Westerville, OH, : American Ceramic Society, c1998
ISBN	1-282-31392-4 9786612313929 0-470-29451-5 0-470-29499-X
Descrizione fisica	1 online resource (174 p.)
Collana	Ceramic engineering & science proceedings, , 0196-6219 ; ; v. 19/5
Altri autori (Persone)	ReeceRobert D
Disciplina	666
Soggetti	Enamel and enameling Porcelain
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.
Nota di contenuto	60th Porcelain Enamel Institute Technical Forum; Table of Contents; Foreword; The International Enamellers Congress: PEI's Role; Overview of the Recent International Enamellers Congress; Metal Preparation for Porcelain Enameling Appliance Components: Clean-Only Systems; Development of a Non-Petroleum-Based lubricant for the Deep Drawing of Steel; Industrial-Scale Cleaning Using Ultrasonics; Enamel Thickness Optimization Using Sigma Six Methodology; Statistical Process Control and Control Charts; The Benefits of ISO and QS 9000; Real-Time Image Analysis of Porcelain Enamel Defects The Role of the Workforce in the Implementation of New Technology Environmental Regulatory Outlook; OSHA's Cooperative Compliance Program and the EPA's Risk Management Plan; New Techniques for Monitoring Temperatures in Furnaces; Pyrometric Cones to Monitor Firing of Porcelain Enamel Ware: A Progress Report; A Dedicated Porcelain Furnace System; Stress Reduction in Enamel/Steel Systems; Fractographic Examination of Porcelain Enamel Chipping Defects; New Concepts in Two-Coat/One-Fire Enameling; Optimizing Conveyor loading Space; A View of a Porcelain Enamel Powder Operation

Another View of a Porcelain Enamel Powder Operation Equipment for a Porcelain Enamel Application; Equipment for Powder Coating with Porcelain Enamel Powders and Some Troubleshooting Tips; The Effects of Powder Resistivity on Transfer Efficiency; A New Major Appliance Plant; Continuous Coating of Commercial Water Heaters; Application of Porcelain Enamel by the Electrophoretic Enameling Process; Production Experiences with an Electrocoat Porcelain Enamel System

Sommario/riassunto

This volume is part of the Ceramic Engineering and Science Proceeding (CESP) series. This series contains a collection of papers dealing with issues in both traditional ceramics (i.e., glass, whitewares, refractories, and porcelain enamel) and advanced ceramics. Topics covered in the area of advanced ceramic include bioceramics, nanomaterials, composites, solid oxide fuel cells, mechanical properties and structural design, advanced ceramic coatings, ceramic armor, porous ceramics, and more.
