Record Nr. UNISA996202863003316 64th Porcelain Enamel Institute Technical Forum [[electronic resource]] **Titolo** : May 13-16. 2002, Cincinnati, Ohio / / Liam O'Byrne, conference director; Steve Kilczewski, assistant conference director; William D. Faust, editor Pubbl/distr/stampa Westerville, OH,: American Ceramic Society, c2002 **ISBN** 1-282-31310-X 9786612313103 0-470-29476-0 0-470-29521-X Descrizione fisica 1 online resource (218 p.) Collana Ceramic engineering & science proceedings, , 0196-6219;; v. 23, issue 5 Altri autori (Persone) FaustWilliam D (William Darry) KilczewskiSteve O'ByrneLiam Disciplina 620.1404 22 Soggetti Ceramics Enamel and enameling 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 64th Porcelain Enamel Institute Technical Forum; 64th Porcelain Enamel Institute Technical Forum; Contents; Additional Papers Presented; Foreword; Checklist for Fabrication; Experiences with Hydroforming; Economizing Your Enamel Pretreatment; Finite Element Analysis; Electrical Grounding of Target during Electrostatic Powder Porcelain Application; A Standard Test Method for Measuring the Adherence of Porcelain Enamel Coatings to Sheet Metal; The Effects of Rubidium on Selected Electrostatic Powder Properties A New Process of Direct Enameling on Various Steel Grades Coated with Special Electro-Deposited NickelRecent Developments in Electronic Porcelain Enamels; laser Marking Materials; The Worldwide Appliance Industry: Statistics, Trends, and Challenges; Keeping the World in Hot Water: A Look at the Water Heater Industry, Past, Present, and Future;

Rheology Study of Ceramic Glaze: Water Effects on Porcelain Enamel

Rheology; Viscosity as a Measure to Control Enamel Application; Electrolyte Interactions in Porcelain Enamel Slips; Cast Iron Blasting Machine; Humidity Measurement

Dehumidification DryingPowder Spraygun Performance Compensation; PEI Environmental Activities: Metal Products and Machinery Effluent Limitation Guidelines and Other Rules; Safety Report; 2002 PEI Technical Affairs Committee Report; The State of PEI: Prepared for 2002 and Beyond

## 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.