Record Nr. UNINA9910144832603321 Proceedings of the 49th Porcelain Enamel Institute Technical forum **Titolo** [[electronic resource]]: a collection of papers delivered at the 49th Porcelain Enamel Institute Technical Forum, October 7-8, 1987, The Ohio State University, Columbus, OH Pubbl/distr/stampa Westerville, Ohio, : Published for the Porcelain Enamel Institute by the American Ceramic Society, c1988 **ISBN** 1-282-31433-5 9786612314339 0-470-31048-0 0-470-31511-3 1 online resource (184 p.) Descrizione fisica Collana Ceramic engineering and science proceedings; ; v. 9, no. 5/6 Disciplina 600 Soggetti Enamel and enameling Porcelain Electronic books. 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 Proceedings of the 49th Porcelain Enamel Institute Technical Forum; Table of Contents: Influences of Steel on Pickle-Free Systems: Guidelines for Pickle-Free Operations; Plant Experiences With Pickle-Free Systems- A Panel Presentation; Using Synthetic Drawing Compounds; Dealing With Rust in Pickle-Free Systems; The Determination of Acid in Oxyacid Pickling Systems; Processing Oven Cavities With Porcelain Enamel Powder; Production Experience Using No-Clean With Porcelain Enamel Powder: Production of Water Heater Tanks Using Porcelain Enamel Powder Plant Experiences With Porcelain Enamel Powder - A Panel PresentationLatest Porcelain Enamel Application Technology for Appliance Components; Electroporcelain Enameling; Worldwide Advances in Materials and Processing; Electrodeposition in the United States; Industry Test Methods; Control of a Tensile Testing System; Monitoring Quality of Incoming Steel: Frit Making: A Gas Furnace

Renovation-A Case History; Latest in Furnace Design and Construction-A Panel Presentation; A New Cold Rolled Steel for Porcelain Enameling Plant Experiences Using Cold Rolled or Continuous Cast Steel for Porcelain Enameling- A Panel PresentationFabrication Guidelines for Porcelain Enameling; Enameling of Cast Iron Stove Components; Decorative Applications; Fine Screen Printing; Porcelain Enamel's Use in Power Generator Plants; Porcelain Enamel in Electronics; Black Specking in Porcelain Enamel Powder Applications; Black Specking Problems-A Panel Presentation; Demonstrating Materials Conservation; Current Regulatory Challenges Confronting Industry; Latest on EPA's New TCLP Test; 1987 PEI Technical Forum Final Attendance List

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.