Record Nr. UNINA9910830183803321 A collection of papers presented at the 1980 fall meeting and 83rd **Titolo** annual meeting of the Materials & Equipment and Whitewares Divisions [[electronic resource]]: September 25-26, 1980, May 4-5, 1981 // Cullen L. Hackler, chairman, proceedings committee Pubbl/distr/stampa Columbus, OH,: American Ceramic Society, c1981 **ISBN** 1-282-31436-X 9786612314360 0-470-29110-9 0-470-29153-2 Descrizione fisica 1 online resource (162 p.) Collana Ceramic engineering and science proceedings; ; 2/9-10 Altri autori (Persone) HacklerCullen Disciplina 600 Soggetti Ceramic materials Ceramics Ceramic industries - Equipment and supplies Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographies and indexes. Nota di contenuto A Collection of Papers Presented at the 1980 Fall Meeting and 83rd Annual Meeting of the Materials & Equipment and Whitewares Divisions The American Ceramic Society; Table of Contents; Automated Material Handling Techniques for Wall Tile; A Versatile Dryer, for Ram-Pressed Ware and Hollow Ware; Kiln Redesign for Fuel Economy and Increased Production Capacity; New Developments in Firing Whitewares; Gelation Rate Index and Cast Quality; Internal Strength Measurements with Brittle Spheres; Process Controls Used in a Fast-Fire, Red-Body Tile Plant with a Traditional Dry-Body Preparation Textures Glazes for Floor and Wall TileOSHA Mineral Regulation Update; Environmental Regulations Affecting the Ceramic Industry; Nickel Spinels; Reformulation of Casting Bodies Using Slurries; Slurried Slip Conversion by a Sanitary Ware Manufacturer; Effects of Mixing Parameters on Pottery Plaster Molds; Drilling Holes in Glass/Ceramic

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A Quick Method of Estimating Tunnel Kiln Cycle

LimitationsDevelopment of the Wide-Hearth Tunnel Kiln; Small Fiber-Lined Tunnel Kilns Offer Economy and Intermittent Firing Schedules; Wireless Traveling Thermocouple; Split Tile Fired in a Modem Shuttle Kiln Provide Economy and Flexibility of Manufacture

## 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.