

1. Record Nr.	UNISA996202853003316
Titolo	A collection of papers presented at the 95th annual meeting and the 1993 fall meetings of the Materials & Equipment and Whitewares Divisions [[electronic resource]] : April 19-21, 1993, Cincinnati, OH and September 12-15, 1993, Huron, OH / / Russell Wood, proceedings committee
Pubbl/distr/stampa	Westerville, OH, : American Ceramic Society, c1994
ISBN	1-282-31414-9 9786612314148 0-470-31434-6 0-470-31624-1
Descrizione fisica	1 online resource (471 p.)
Collana	Ceramic engineering and science proceedings ; ; v. 15/1
Altri autori (Persone)	WoodRussell (Russell K.)
Disciplina	660
Soggetti	Ceramic materials Ceramics Ceramic industries
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	Ceramic Engineering & Science Proceedings JANUARY-FEBRUARY 1994; Table of contents; Jet Firing with Pulse/Proportional Control (AM/FM); Casting/Forming/Particle size; Improved Casting Slip Properties with Extended Particle-Size Distribution and Change in Deflocculation; Selection of Materials and Parameters for Sanitary Ware Casting; Casting with Plaster Molds; Gypsum, the Silent Partner; Particle-Size Distribution Errors by Sedimentation Technique for Mixtures of Powders; Correlation of Physical Properties of Casting Kaolins; Redeveloping a Sanitary Ware Formula for Optimum Performance Automatic Plaster Mixing for Molds for Ceramics-An UpdateThin-Cake Filtration Offers Improved Washing Capability for Ceramic Powders; Casting from the Beginning up to Present-Day Technology; Range of Sacmi Presses; The Development and Application of Porous Plastic Molds for the Casting of Sanitary Ware and Dimensional; Glazes/Coatings; The Fundamentals of Leadless Glaze Development; Unique Tile Glaze

Concept-Free of Pinholes; Surface Degradation and Vickers Indentation Hardness of Glazed Ceramic Tiles; Crazeing on Whitewares Having Both an Engobe and a Glaze

Vickers Indentation Method Applied to the Characterization of Ceramic GlazesMaterials; Andalusite-The Hillsborough Deposit; Kilns/Firing; Influence of Kiln Atmospheres on Electrical Porcelain Firing; Energy Usage in Firing Ceramics and Melting Glass; Kiln Operation and Firing Practices; Can You Teach Your Old Kiln New Tricks?; Color Development/Pigments; The Effect of Glaze Composition on the Color and Stability of Chrome Tin pink Pigments; Color Matching Without Computers; Simulation of Glass Colors on a Computer Screen; Color Matching in Ceramic Glaze Systems

The Effect of Zircon Dissolution on the Color Stability of GlazesHigher-Chroma Zircon Colors for Glaze Applications; Which Colors Can and Cannot Be Produced in Ceramic Glazes; Brown Tetraxial; Study on Color Development Using Triaxial Colors for Rapid Once Fired Systems; Determining the Crystal Phases in ceramic Pigments by X-Ray Diffraction Analysis; Quality Control/Quality Management; Regulatory and Research Methods Used by the US. FDA for Determination of Lead in Ceramic Foodware; Nested Process controls for a Critical process with Large Batch size

The Use of Gage R&R Studies and Their Relationship to the Testing of ceramic MaterialsISO 9000: Insight into the Certification Process; Will the Proposed ISO Ceramic Tile Standards Meet Consumer Expectations?; Choice of Statistical Control Cards and Testing Method Sets for Total Quality Management of Traditional Ceramics; Is There Life After ISO 9000?; A Simple Approach to Technological Control of Clay-Containing Ceramic Bodies; Pass/Fail Tolerancing Based on Artificial Intelligence and Superellipsoids; Practical Pointers for Implementing an ISO 9000 Quality System

Total Quality Management at Saudi Ceramic Company

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.
