Record Nr. UNINA9910831198803321 66th Conference on Glass Problems [[electronic resource]]: a collection **Titolo** of papers presented at the 66th Conference on Glass Problems, the University of Illinois at Urbana-Champaign / / editor, Waltraud M. Kriven Pubbl/distr/stampa Hoboken, NJ, : John Wiley & Sons The American Ceramic Society, c2006 **ISBN** 1-282-31400-9 9786612314001 0-470-29130-3 0-470-29171-0 Descrizione fisica 1 online resource (227 p.) Collana Ceramic engineering & science proceedings, , 0196-6219; ; v. 27/1 Altri autori (Persone) KrivenWaltraud M Disciplina 666.1 666/.1 Soggetti Glass Glass manufacture 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 Contents; Foreword; Foreword; Preface; Acknowledgements; Furnaces; First Industrial Results of ALGLASS SUN Operation; On-Line Oxygen Sensor for the Tin Bath in Float Glass Production Lines; An Advanced Control System to Increase Glass Quality and Glass Production Yields Based on GS ESIII Technology; Breaking the Boundaries of PID; Refractories; Service Experience and Postmortem Analysis of High Alumina Crown Refractories from E-Glass Furnaces; Silica Loss in Crowns by Reactions with Glass Melt Vapours; Raw Materials; Techniques for Upgrading Dust Collection Systems The Influence of Batch Segregation and Bulk Flow on Glass QualityMeasurements of Batch and Cullet Using Laser Induced Breakdown Spectroscopy; Glass Batch Raw Material Transportation: Expensive and Unreliable; Amber Glass40 Years of Lessons Learned; The Use of Borates in Glass Melting; Effect of Key Oxides, Including Li, O, on Reducing the Melt Viscosity and Energy Demand of E-Glass

Compositions; Environmental Issues; Recycling of Cullet into Flat Glass Melting Furnaces; Recycling in Container Glass Production: Present Problems in European Glass Industry
Contribution to the Characterization of Dust Emissions of Glass Melting Furnaces
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## Sommario/riassunto

This book provides a state-of-the-art collection of papers presented at the 66th Conference on Glass Problems at the University of Illinois at Urbana-Champaign in October of 2005.