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Altri autori (Persone)	DrummondCharles H (Charles Henry)
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Operations; What Do We Know about Glass Surfaces?; Aspects of the Glass Melt Properties Database Investigations at Alfred University; SO_x Emissions from Silicate Glass Batches; Impact of Glass Furnace Operation on Evaporation from Glass Melts; Measuring the Sulfur Content of Industrial Glass Melts Using Square-Wave Voltammetry; Glass Manufacturing Industry Council Report
The Glass Manufacturing Industry Council and the Department of Energy's Office of Industrial TechnologiesThe Glass Furnace Combustion and Melting User Research Facility; Coupled Combustion SpacelGlass Melt Furnace Simulation; Experience with the Conversion of Special Glass Melting Furnaces to Oxy-Fuel Firing

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.
