Record Nr. UNINA9910583007503321 Combustion engineering issues for solid fuel systems / / editors Bruce **Titolo** G. Miller and David A. Tillman Pubbl/distr/stampa Burlington, Mass., : Academic Press, 2008 **ISBN** 1-281-30856-0 9786611308568 0-08-055805-4 Descrizione fisica 1 online resource (521 p.) Altri autori (Persone) MillerBruce G., M.S. TillmanDavid A Disciplina 621.402/3 Combustion engineering Soggetti Coal - Combustion Fuelwood - Combustion Waste products as fuel - Combustion 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 and index. Front Cover: Combustion Engineering Issues for Solid Fuels: Copyright Nota di contenuto Page: Dedication Page: Contents; Preface; List of Authors; Chapter 1: Introduction; Chapter 2: Coal Characteristics; Chapter 3: Characteristics of Alternative Fuels: Chapter 4: Characteristics and Behavior of Inorganic Constituents; Chapter 5: Fuel Blending for Combustion Management; Chapter 6: Fuel Preparation; Chapter 7: Conventional Firing Systems; Chapter 8: Fluidized-Bed Firing Systems; Chapter 9: Post-Combustion Emissions Control; Chapter 10: Some Computer Applications for Combustion Engineering with Solid Fuels Chapter 11: GasificationChapter 12: Policy Considerations for Combustion Engineering; Index Design, construct and utilize fuel systems using this comprehensive Sommario/riassunto reference work. Combustion Engineering Issues for Solid Fuel Systems combines modeling, policy/regulation and fuel properties with cutting edge breakthroughs in solid fuel combustion for electricity generation and industrial applications. This book moves beyond theory to provide

readers with real-life experiences and tips for addressing the various

technical, operational and regulatory issues that are associated with the use of fuels. With the latest information on CFD modeling and emission control technologies, Combustion Eng