

1. Record Nr.	UNINA9910299603903321
Autore	Wu Jiang
Titolo	High-Temperature H <sub>2</sub> S Removal from IGCC Coarse Gas / / by Jiang Wu, Dongjing Liu, Weiguo Zhou, Qizhen Liu, Yaji Huang
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2018
ISBN	981-10-6817-8
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (IX, 155 p. 118 illus., 115 illus. in color.)
Collana	Energy and Environment Research in China, , 2197-0238
Disciplina	665.772
Soggetti	Pollution prevention Fossil fuels Chemical engineering Environmental sciences Environmental chemistry Industrial Pollution Prevention Fossil Fuels (incl. Carbon Capture) Industrial Chemistry/Chemical Engineering Environmental Science and Engineering Environmental Chemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Sommario/riassunto	This book provides extensive information on high-temperature H <sub>2</sub> S removal for integrated gasification combined cycle (IGCC) coarse gas, together with briefly introductions to the concept of clean coal technology, and to the mechanism and kinetics of hot coal gas desulfurizers. Readers will gain a comprehensive understanding of available control methods for high-temperature H <sub>2</sub> S removal in IGCC coarse gas and how the technology has been adopted by industry. As such, the book offers a unique resource for researchers and engineers in the fields of energy science and technology, environmental science and technology, and chemical engineering. .

