Record Nr. UNINA9911004746403321 Autore Speight James G Titolo Gas Engineering: Vol. 2: Composition and Processing of Gas Streams Pubbl/distr/stampa Berlin/Boston:,: Walter de Gruyter GmbH,, 2022 ©2022 **ISBN** 9781523154456 1523154454 9783110691054 3110691051 Edizione [1st ed.] 1 online resource (554 pages) Descrizione fisica Collana De Gruyter STEM 665.7 Disciplina Technology & Engineering / Industrial Engineering Soggetti Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Intro -- Preface -- Contents -- Chapter 1 Types of gases -- Chapter 2 Nota di contenuto Constituents of gas streams -- Chapter 3 Properties of gases --Chapter 4 Analysis of gas streams -- Chapter 5 Gas condensate --Chapter 6 Gas processing -- Chapter 7 Gas processing equipment --Chapter 8 Principal products of gas processing and uses -- Appendices -- Appendix A. ASTM standard test methods for natural gas and lowboiling liquids (gas condensates) -- Appendix B. GPA standard test methods for natural gas -- Appendix C. Conversion factors and constants -- Appendix D. The gas constant -- Appendix E. Key equations -- Glossary -- About the author -- Index. Volume 2 covers the constituents of gas streams and their properties. Sommario/riassunto The author presents the chemistry and engineering aspects of the methods and principles by which the gas streams might be cleaned from their noxious constituents. The concept of gas condensate is also discussed as well as the methods which can be applied to the analysis of streams and condensate. Vol. 1: Origin and Reservoir Engineering.

Vol. 3: Uses of Gas and Effects.