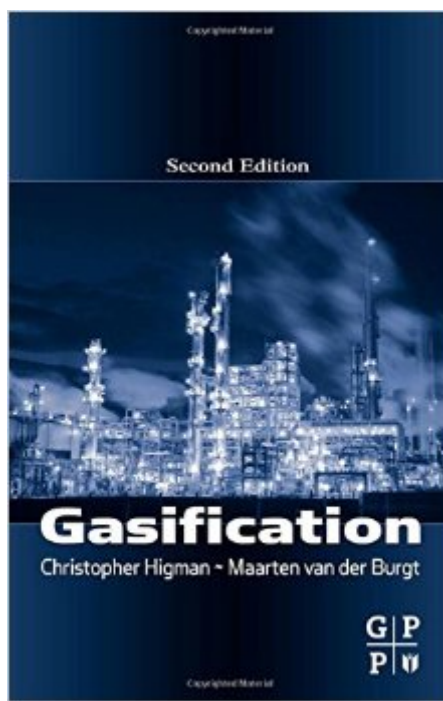


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# Gasification, Second Edition



## Synopsis

Gasification is a process that if properly utilized can transform the world in which we live.

Comprehensive in its coverage, this second edition continues the tradition of the first by providing engineers and scientists with an up-to-date overview of commercial processes and applications relevant to today's demands. Gasification, 2nd edition is expanded and provides more detail on the integration issues for current generation, state-of-the-art Integrated Gasification Combined Cycles (IGCC); CO<sub>2</sub> capture in the IGCC context addressing the issues of pre-investment and retrofitting as well as defining what the term "CO<sub>2</sub> capture ready" might mean in practice; issues of plant reliability, availability and maintainability (RAM) including an evaluation of feedback from existing plants; implementation of fuel cell technology in IGCC concepts. All statistics, processes and projects, including descriptions of a number of processes not covered in the previous edition.

\*Up-to-date overview of commercial processes\* Covers applications relevant to today's demands\* Addresses the issues of pre-investment and retrofitting\* Provides more detail on the integration issues for Integrated Gasification

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## Customer Reviews

This is the gold standard in textbooks on gasification. Starts with theory and moves through all of the major commercially available gasification processes. Hats off to the authors for a very comprehensive book.

Excellent book if you have interest in the design, operation, history and theory that is required to effectively run a gasification process for the production of electrical power, chemicals or liquid fuels.

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