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ENGINEERING DATA BOOK

2nd Quarter 2025 Section Update to
2024 On-line GPSA Engineering Data Book
FPS Version

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2024 Online Update to 2016 Fourteenth Edition
FPS Version

Preface

GPSA is an association of companies with specialized knowledge of the supply and service needs of the midstream/ gas processing and related industries. A major service to them is embodied in the Engineering Data Book, which was first published in 1935. More than 170,000 copies have been distributed for use throughout the world by engineers, operating personnel, and students.

The Engineering Data Book is an attempt to assemble, in single compilation, basic design information together with data and procedures that can be used by field and plant engineers to determine operating and design parameters. It is also intended as an aid to design engineers who, in spite of increasing availability of computer routines and other sophisticated design methods, require a general reference work as a guide to accepted engineering practice for estimating, feasibility studies, preliminary design, and for making on-site operating decisions.

Starting with the Fourteenth Edition, the Engineering Data Book has been converted from a print-only format into an online version to facilitate its access and use on a variety of devices. This format of the Data Book also permits more frequent updates to be created for individual sections to meet the changing technology of the process industries.

GPSA recognizes that the maintenance of the Data Book is a continuing task. Users' comments and suggestions are welcome. Any such comments should be emailed to:

GPSA@gpamidstream.org

A Brief History of the Engineering Data Book and Sponsoring Organizations

The GPSA Engineering Data Book was first published in 1935 as a booklet containing much advertising and a little technical information. In subsequent editions, technical information was expanded and the Data Book gradually became the accepted engineering reference work for the gas processing industry. In addition, the Data Book has found wide acceptance in the petroleum refining, gas transmission, and petrochemical industries.

The GPSA was organized in 1928 as the Natural Gasoline Supply Men's Association (NGSMA). Its principal purpose was as a service organization to the parent Natural Gasoline Association of America (NGAA).

Both organizations underwent name changes in subsequent years in response to changing industry conditions. In 1961, the organizations became known as the Natural Gas Processors Association (NGPA) and the Natural Gas Processors Suppliers Association (NGPSA). In 1974 the names changed to the Gas Processors Association (GPA) and Gas Processors Suppliers Association (GPSA). In 2016 the name of the Gas Processors Association changed to GPA Midstream Association and the name of the Gas Processors Suppliers Association changed to GPSA.

Users of the manual should note that numerous references throughout the book may refer to publications of these organizations by the names in effect at the time of the publication.

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