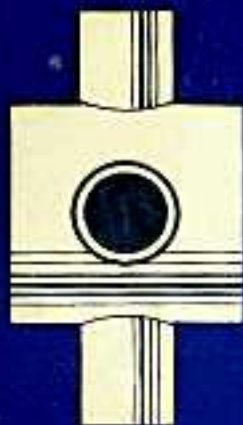


TECHNICAL FUNDAMENTALS

Gas Welding II



TECHNICAL
FUNDAMENTALS

GAS WELDING · PART II

The Welding of Steel

By Felix Wutke

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This book gives a detailed description of the various methods and techniques of welding steel. Of all materials, steel is that one which is most widely used in welded constructions.

This book, a concise manual with text and simple illustrations, is intended both for the welder in practical training and the instructor in welding. In addition, it can be used as a practical reference-book by the skilled welder for welding steel.

The author has designed the book in such a way that the welder is shown how to identify the cause of faults so that he can choose and apply the appropriate technique of welding for the given job.

The present book is based on "Gas Welding, Part I", the fundamentals of gas welding.

It should be pointed out that Part I should be read first; then the study of Part II will be easier.

Numerous drawings, graphs, and photographs help imparting the author's ideas to the welder.

In this connection the Zentralinstitut für Schweißtechnik (Central Institute for Welding Technology) of the German Democratic Republic in Halle (S.) should be mentioned.

This institute investigates in the field of welding, cutting and plastics technology.

New processes are continuously developed, checked and applied to the industry.

A large portion of the institute's attention is focussed on developing highly trained welders. Training and examination regulations are worked out, continuously amended and brought up to date.

Internationally, the Central institute of welding technology is today in high repute and it is advisable to ask the institute's advice whenever it should be necessary.

The author wishes to express his gratitude to all those who assisted him in the compilation of this book, and he will be pleased if users will send him their suggestions for improving this book, either directly to him or through the publishers.

