

SCRYOGENIC ENGINEERING

R. B Scott (Author), 1959

Quan-Sheng Shu et la. (Translator)

Science Press of China

1978

(National # 13031.605, SPC # 882.13-3)

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Preface

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Translator's Foreword

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R. B. Scott's "Cryogenic Engineering" was published in 1959. It introduced systematically the basic principles of cryogenic technology, the structure of some key cryogenic equipment and instruments commonly used in cryogenics. The main performance data of fluids and engineering materials are all written clearly. As a technical book on cryogenic engineering, it still has a certain practical value.

In order to enable readers to keep abreast of the technical trends, dozens of annotations are given in the corresponding places of the main text, and a translator's postscript "The Newest Development of Cryogenic Engineering" is added. To facilitate the reader's understanding and application, some changes have also been made in the text. These are mainly: 1. Rewrite some of the older content, and add-or-delete some references, 2. In original book the units used are rather confusing. The Chinese translation has all been changed to the metric system. Therefore, some charts in the English system in the original book also use the metric charts in the Russian translation. 3. We have added some chemical components of important materials to the Chinese translation.

Professor Chao-Sheng Hong (Academician of the Chinese Academy of Science) reviewed all the translations in detail and guided the compilation of the "The Newest Development of Cryogenic Engineering" as a postscript to the book.

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