

for the mercury compounds were shown by Nernst to be incorrect. Thomsen therefore made a hasty redetermination of these quantities and uses in this book the results so obtained although the values of Nernst which have been corroborated fully by Varet are undoubtedly more accurate.

In the Danish edition of the book the experimental methods have been omitted. The English translator has, however, added a chapter on calorimetry which is abstracted from Thomsen's older work. The translation is entirely satisfactory, but whether the book itself is of such a character as to warrant its inclusion in Ramsay's excellent series of text books is an open question.

GILBERT N. LEWIS.

Jahrbuch des Vereins der Spiritus-Fabrikanten in Deutschland, des Vereins der Stärke-Interessenten in Deutschland und des Vereins Deutschen Kartoffeltrockner. ACHTER JAHRGANG. 1908. Ergänzungsband zur Zeitschrift für Spiritusindustrie. D. G. HEINZELMANN. Berlin: Paul Parey. Price, 28 M.

This report, like its predecessors, is intended, as its title indicates, as a supplement to the *Zeitschrift für Spiritusindustrie*, the official organ of the affiliated societies in Germany devoted to the production and utilization of starch and its derivatives. What is attempted in it is best set forth in a paragraph with the report of Mr. M. Student in the Jahresbericht upon the *Zeitschrift* and its work, in which he says "As a supplement to the *Zeitschrift für Spiritusindustrie* there is regularly published in Germany the *Jahrbuch des Vereins der Spiritusindustrie in Deutschland*, which contains a review of the activities of the leading society, of its various sections, as well as of the affiliated societies; stenographic reports of the general meetings of all the societies, annual reports upon the industries of dairying, distilling and starch manufacture, the annual report of the Zentrale für Spiritus Verwertung, and statistical material relating to all the branches of industry named. In addition to all this is a report of the results of experiments of the German Potato Culture Experiment Station and of experiments made at Hadmersleben to test the value of different varieties of potatoes.

"It is interesting to note that the work of the dairy industry has this year been included for the first time in the subjects treated in the Jahresbericht. The book is so broad in its scope and so thorough in its treatment that it must be both attractive and useful to every progressive agriculturist, dairyman, or manufacturer of any of the products named."

WM. MCMURTRIE.

Engine Room Chemistry. AUGUSTUS H. GILL, Associate Professor of Technical Analysis at Massachusetts Institute of Technology. Hill Publishing Co. 298 pages. Price, \$1.

This book will be especially welcome not only to technical chemists, but will be also useful to engineers in charge of boiler plants and engine rooms. Two chapters are devoted to description of chemical apparatus