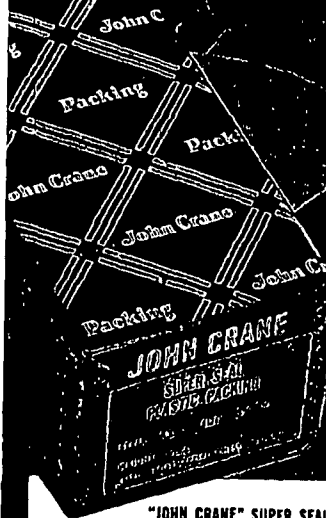


New For 1953 BOILER FEED PACKING

5000 RPM. • 430°F. • 1250 PSI.



"JOHN CRANE" SUPER SEAL PLASTIC PACKING No. 1

Boiler plant operators of high speed centrifugal boiler feed pumps have long been looking for a satisfactory packing for these important units. Speeds have advanced from 1750 rpm. in 1910 to 5000 rpm. today, with shafts ranging up to 3½" diameter. Handling hot condensates up to 430°F. and pressures to 1250 psi. are no longer uncommon. High speed centrifugal boiler feed pumps go into service with lightning speed. The friction heats ordinary packing in a very short time. The oil and lubricants in these packings are boiled out and the asbestos seizes around the pump sleeves. Extensive damage and costly shutdowns result.

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More BOOKSHELF

Steam Power Stations. (1952 Edition). By G. A. Gaffert, mechanical engineer, partner Sargent & Lundy. 637 pp., 432 figs., tables, charts. Crane-Hill Book Co., 330 West 42nd St., New York 36, N. Y.

This well known book has been to incorporate the more recent developments in steam stations. The text covers and auxiliary equipment operation together with arrangement. Data are included on cycles, pressurized furnaces, axial extraction cycle techniques and cycles.

As in earlier editions the book with fundamentals and develops the student and designing engineer's method of arriving at a complete plant. The approach adopted is design and construction point of view, the mechanical end of the plant is covered.

Statistical Tables and Problems. (Third edition). By A. R. Fack, professor of economics, University of Chicago. 644 pp., 242 pp., tables, 43. McGraw-Hill Book Co., 330 West 42nd Street, New York 36, N. Y.

This manual will serve the needs of student and professional statisticians. It includes 35 tables of functions needed by statisticians. The more common statistical formulas, 137 in number, are included in convenient reference.

The manual is designed to be used in conjunction with a text. It contains hundreds of exercises and problems in elementary statistics.

Control of Electric Motors. (1952 Edition). By Paisley B. Harwood, President, Cutler-Hammer, Inc. 538 pp., 11½" x 8½", cloth, \$7.50. John Wiley & Sons, Inc., 440 Fourth Ave., New York 6, N. Y.

This edition, like the last, is arranged in two parts. Describing the design, construction and application of control electric motors, it begins with a discussion of wiring diagrams, control details, and pilot devices as applied to kinds of motor control. The book is divided into two sections, one on direct on so motors and control. It covers operation, characteristics, and application of each motor, control methods, and actual design of various types of control that particular motor.

Data and diagrams have been brought to date, and many new standards have been added to the text since the second edition. The previous material on electronic devices and circuits has been added. It is also a series of 350 problems.

Electrical Code Diagrams. (Vol. II). By Z. Segall. 829 pp., 9½" x 11½", cloth, \$12.50. McGraw-Hill Book Co., 330 West 42nd St., New York 36, N. Y.

This is the second of a two-volume set that forms a most practical aid to understanding the National Electrical

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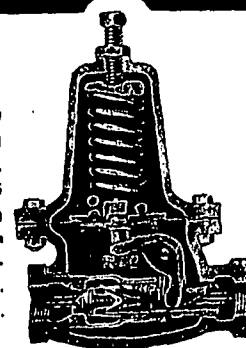
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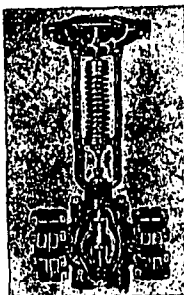
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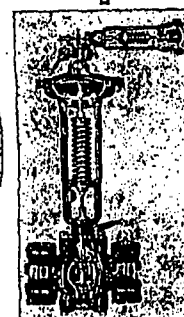
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