

SAVE TIME . . .
make your
SPECIAL FIRE CLAY
SHAPES
with

ADACAST

a suitable refractory
that pours like cement,
and is so easy to use
that it enables plant
men to produce uni-
formly fine results
more economically and
faster than outside sup-
pliers.



BOTFIELD

REFRACATORIES CO.
704 S. Broadway St., Philadelphia 47, Pa.
In Canada, Canadian Refractories Co., Ltd., 171 Eastern Avenue, Toronto

EFFIN
TURED
PUMPS

FOR
BOILER
FEED AND
GENERAL HIGH
PRESSURE SERVICE



Assistant vice-president in charge of welding products, both at Chicago Heights, Ill., and E. J. Nist as assistant vice-president at New York.

Joseph P. Simon, 17 years in the Philadelphia district, becomes district manager of that territory for Carter-Hamner, Inc. He succeeds D. J. Quammer, deceased.

Colorado Fuel and Iron Corp. announces the appointment of Howard J. Jones as manager of industrial relations, and Horace J. Jones as manager of industrial engineering.

Massachusetts Institute of Technology announced the appointment of Vice-admiral Edward L. Cochrane, chief of the material div. of the U. S. Navy and former chief of the bureau of ships, as head of the Naval architecture and marine engineering dept.

Consolidation of Eastern Engineering Co. with Automatic Signal Corp. has been made public. The new corporation is Eastern Industries, Inc.

Herman V. Gaertner, assistant treasurer of B. F. Goodrich Co., has been elected controller of the company following the retirement of T. B. Tomkinson.

Iceberg Refrigerated Lockers System, Inc., has named four more distributors: Tri-State Electric Appliance Co., St. Louis, Mo.; Wallahan Co., Rapid City, S. D.; Waters Equipment Co., Miami, Fla.; and Saviers Electrical Products Corp., Reno, Nev.

Assistant general manager of the C. J. Tagliabue div. Portable Products Corp. is Henri M. Marc.

Howard Conley, chairman, executive committee of the American Standards Association, New York, has been elected president of the newly formed International Organization for Standardization.

Three top promotions within the sales dept. of Republic Rubber div. Lee Rubber & Tire Corp. include W. L. Smith, sales manager and dept. head, Myron C. Meyer, traveling sales manager, and Ralph W. Deemer, assistant sales manager.

Henry Chalfont becomes a director of Spang-Chalfont and Co., a division of National Supply Co.

Lee Mullen becomes general manager of sales for Globe Steel Tubes Co. with offices at Milwaukee, Wis.

Blockmer Pump Co. has appointed Arthur E. Jacobs vice-president. He was formerly general sales manager.

John Owen and Lester F. Cox were elected vice-presidents by the board of directors of the Thermoid Co.

American Foundry Equipment Co. reported: (1) transfer of Arden H. Freeman from district sales engineer to special project engineer at Mishawaka, Ind., (2)

A Happy New Year All The Year TO YOUR BOILER

Clean Heat Transfer Surfaces

Let your boiler deliver more power at less cost, with decreased shutdowns.

USE SAND-BANUM

"The Entirely Different Boiler and Engine Treatment"



It automatically and safely removes, and prevents scale and corrosion while your equipment operates. Sand-Banum in principle is as new as this New Year. It's 21 year record proves its outstanding worth in boiler conservation and productivity. Comes ready to use at 1¢.

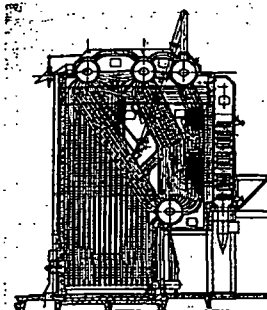
**Give Your Boiler
A Happy 1947 all
through the year
with
SAND-BANUM
and enjoy the benefits**

**Write Today
For the Facts
That Your Boiler
May Relax.**

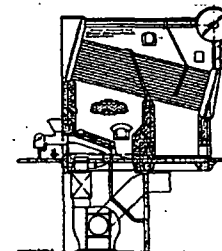
**AMERICAN SAND-BANUM
COMPANY, Inc.**

9 Rockefeller Plaza, New York 20, N.Y.

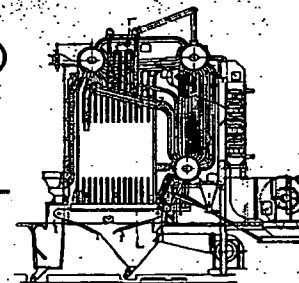
Solely carried by
WESTERN SAND-BANUM COMPANY
Houston, Texas
and at other convenient points including
Leading supply houses
Expert Representatives
PETROLEUM MACHINERY CORP.
10 Rockefeller Plaza New York 20, N.Y.



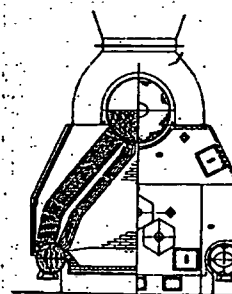
4-Drum Water Tube Boiler



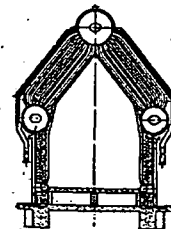
Horizontal Cross or Long Drum Water Tube Boiler



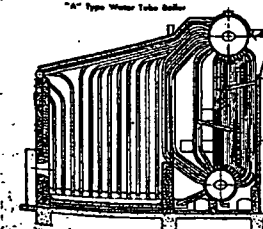
2-Drum 'Y' Type Water Tube Boiler



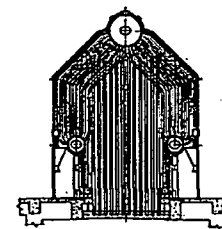
'A' Type Water Tube Boiler for Marine Use



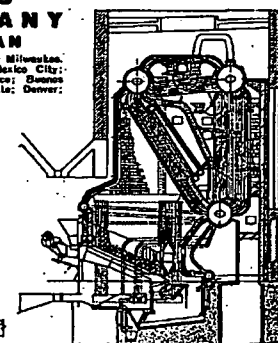
'A' Type Water Tube Boiler



2-Drum Water Tube Boiler



Cross 'A' Type Water Tube Boiler



2-Drum Water Tube Boiler

WICKES BOILERS

Boilers and pressure vessels designed and manufactured in our plant are converting steam loads into industrial energy in scores of important installations the world over. We have the engineers, manufacturing facilities, and skilled workmen to fill your requirements for boilers of any type up to 250,000 lbs. steam per hour and 850 psi. We also perform all types of heavy welded plate fabrication for oil, chemical, paper, and other industrial use. Send us your problems for expert consultation and recommendation. No obligation, of course.

**THE WICKES
BOILER COMPANY
SAGINAW, MICHIGAN**

SALES OFFICES: Detroit; Chicago; New York; Milwaukee; Pittsburgh; San Jose; Tulsa; Fort Worth; Mexico City; Saginaw; Boston; Indianapolis; San Francisco; Buenos Aires; Seattle; Los Angeles; Atlanta; Charlotte; Denver; Jacksonville.