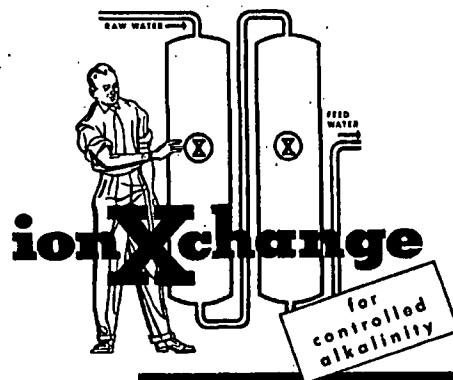


Control Boiler Feed Water by



Here's why industrial plants, more and more, are changing to ILLCO-WAY ionXchange treated water for boiler make-up:

- 1 To prevent deposits on evaporative surfaces.
- 2 To control alkalinity.
- 3 To reduce the possibility of carry-over.
- 4 To reduce boiler blowdown.
- 5 To keep shutdowns for turblining and cleaning at a minimum.
- 6 To secure reduced-solids water at a cost comparable to softening.

ILLCO-WAY DE-ALKALIZING EQUIPMENT assures accurate control of boiler feed waters. It removes all excessive bicarbonates and converts the remaining sulphate and chloride solids to non-scale forming salts.

On the very common high bicarbonate water, ILLCO-WAY De-Alkalinizing equipment produces a feed water low in dissolved solids and free of all scale-forming properties. Controls are provided to maintain desired alkalinity.

For further information on the application of ILLCO-WAY synthetic resin technology and design developments on boiler feed water treatment, write for latest literature today.

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ILLINOIS WATER TREATMENT COMPANY
852-10 Cedar Street, Rockford, Illinois • 7310-NN10 Empire State Bldg., New York City



ENGINEERING AND EQUIPMENT DE-IONIZERS for process water treatment and treatment of liquids and solutions other than water; waste treatment; remediation of specific constituents. **DE-ALKALIZERS:** Boiler feed (external); bottling water. **SOFTENERS:** Industrial, domestic. **FILTERS,** etc.

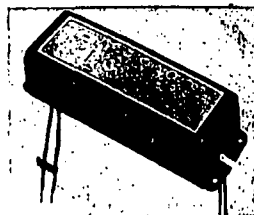
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gramming control sets sequence of ignition and fuel systems. An electronic rod serves as monitor for the pilot gas flame preventing main fuel valve from opening until pilot flame is established. With gas as a main fuel a simple switching establishes the electronic rod to monitor the continuous gas flame and programming control arranges fuel and ignition system sequence. System FF-6 applies to gas burners where light oil is the alternate fuel. Combustion Control Corp., 77 Broadway, Cambridge 42, Mass.

Turboblowers

E399

STURDILY CONSTRUCTED, cast-iron assembly with welded-steel-plate base gives turboblower needed rigidity. Series 300 blowers come in three different types: (1) direct-connected with impellers mounted on motor shaft; (2) V-belt driven where impellers mount to jackshafts and connect to various speed motors through V-belts; (3) coupled-drive where impellers mounted to jackshafts connect to motors through flexible couplings. North American Mfg Co., Cleveland 4, Ohio.



Voltage Stabilizers

E400

PROVIDING A STEADY OUTPUT OF 115-v (plus or minus 1% for unity-power-factor loads) while input voltage may range between 95 and 130-v, the new units are available in 15-, 25- and 50-volt ratings.

Low case height and small size make them particularly suitable for shallow depth installations. Primary and secondary circuits are isolated and provided with universal type leads. General Electric Co., Schenectady 5, N. Y.

Oil-Immersed Rectifier

E401

THESE OIL-IMMERSED selenium rectifier stacks provide isolation from dampness and corrosive vapors, greater short-time overload because of increased thermal storage, as well as protection from physical damage while in storage or during assembly.

The oil acts as an effective cooling medium while the container, which has a protective coating, resists effects of moisture, fungus, salt air and other corrosive vapors. Insulated solder lugs at one end of the rectifier provide easy, quick soldering connections. General Electric Co., Bridgeport 2, Conn.

(Continued on page 222)

AUSTENITIC STAINLESS STEELS MAY DO IT BETTER...

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THE INTERNATIONAL NICKEL COMPANY, INC. 67 Wall St., New York 5, N. Y.

POWER • October 1948



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