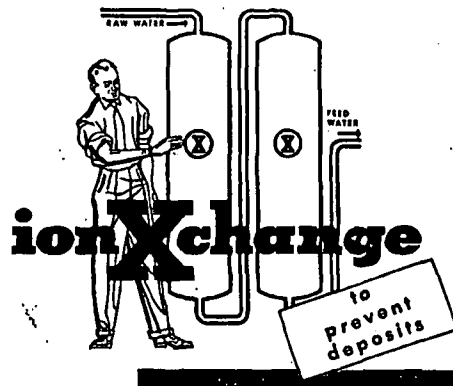


Control Boiler Feed Water by



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- 2 To control alkalinity.
- 3 To reduce the possibility of carry-over.
- 4 To reduce boiler blowdown.
- 5 To keep shutdowns for turbinizing and cleaning at a minimum.
- 6 To secure reduced-solid 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.

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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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DE-IONIZING
DE-ALKALIZING
SOFTENING

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

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OTHER EQUIPMENT

50 RADIANT HEATING—A. M. Dyer Co., Pittsburgh, Pa. 8-page bulletin gives condensed answers to the 50 questions most frequently asked about radiant heating.

51 GAS UNIT HEATERS—Automatic Gas Equipment Co., 301 Brushway Ave., Pittsburgh 21, Pa. 4-page folder presents Series C gas unit heaters for heating, ventilating and drying commercial industrial buildings.

52 COMPRESSION DEHYDRATION PLANTS—Clark Bros. Co., Olean, N. Y. 4-page folder discusses interesting features about the Barnsdall Oil Company's Placido compression and dehydration plant.

53 MAGNETIC STARTERS—Ward Leonard Electric Co., 31 South St. 2d, Vernon, N. Y. 8-page bulletin No. 4110 describes new line of ac magnetic starters of the across-the-line, non-reversing type. 4-page bulletin No. 4110 presents new line of ac combination, magnetic starters with circuit breakers.

All literature designated with a star (★) may be obtained only by writing direct to the manufacturer on company letterhead, giving writer's name and title.

★ **CONTROLS**—Wheloo Instruments Co., 817 W. Harrison St., Chicago 7, Ill. 4-page bulletin No. 2500 contains company's line of indicators, controllers, recorders and combustion safeguards.

54 WIRE ROPE—Preformed Wire Rope Information Bureau, 550 N. Michigan Ave., Chicago 11, Ill. 6-page booklet, entitled "The Wonders of Wire Rope," tells the uses of wire rope, how it is made, and other interesting data.

55 WIRE ROPE—Macwhirley Co., 1116 4th Ave., Kenosha, Wis. 4-page folder answers 20 questions about preferred wire rope. Photographs are included.

56 CONTROL SYSTEM—Leeds & Northrup Co., 1000 Locust St., Philadelphia 44, Pa. 34-page catalog No. N111D describes the L&N pneumatic control, which is a complete, air-actuated control system.

57 EARTHMOVERS—R. G. LeTourneau, Inc., Peoria, Ill. Brochure TP-111 lists specifications for the B Touring plant earthmover. Brochure TP-111 lists features of size, power and speed available in the B Touring series. Basic specifications and advantages to be gained by matching this big production tool with the B Touring.

58 POTENTIOMETERS—Brown Instrument Co., Wayne and Roberts Ave., Philadelphia 44, Pa. 32-page catalog No. 15-18 presents Electronic strip-chart electric-control potentiometers, strip-chart and circular-chart recorders, precision indicators, strip-chart and circular-chart controllers, indicating controllers, pyrometric switches, thermocouples and radiometric assemblies.

59 STEAM-TURBINE BLADE DEPOSITS—Allis-Chalmers Mfg. Co., Milwaukee 1, Wis. 18-page booklet No. 318700 tells how to identify and prevent steam-turbine blade deposits.

60 WATER DEMINERALIZERS—Ion Exchange Products Dept., American Cyanamid Co., 30 Rockefeller Pl., New York 20, N. Y. 38-page booklet, entitled "Phil-R-Still Demineralizers Deliver Low-Cost Chemical-Free Water of Pure Water," lists advantages of demineralized water over distilled water, describes basic chemical and mechanical principles of demineralization by ion exchange and gives data on calculating costs for demineralizing various raw waters.

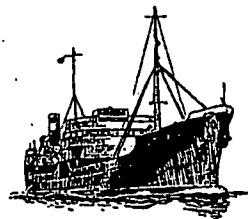
61 HARDFACING ALLOYS—Dept. 184, Air Reduction Co., 18 E. 12th St., New York 11, N. Y. 18-page booklet describes complete new line of Airco hardfacing alloys.

62 BRASSING FITTINGS—Handy & Harlan, 81 Park St., New York 7, N. Y. Bulletin No. 37 gives instructions for brassing fittings to pipes and tubes with Easy-Flo and Sil-Flo.

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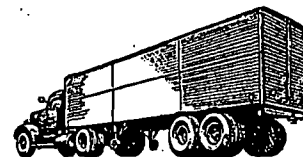
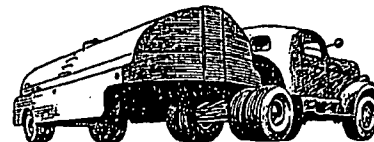
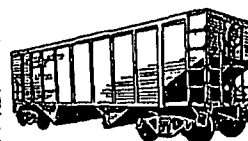
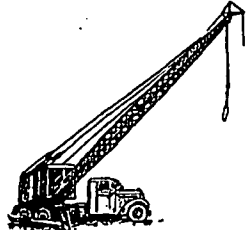
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