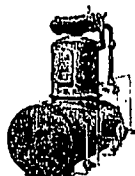


Stickle equipment is guaranteed to

Cut Steam Costs

OPEN COIL FEED WATER HEATERS

Guaranteed to heat water to a higher temperature in less space than any other heater; to deliver feed water to pump at same temperature as saturated steam in the heater. Deaerating and non-deaerating types. Deaerating type reduces oxygen content to .005 cc per liter of water. Steel or cast iron shells. Capacities: 3,000 to 300,000 pounds per hour. Bulletin 117.



OPEN FLOAT STEAM TRAPS



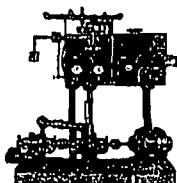
Provide quick sure drainage of heating and processing units. Instantaneous discharge of air and non-condensable gases. Operate on time-tested open float principle. Self-regrinding valve and seal. No levers, hinges or pins to replace; no thermal elements or diaphragms to rupture or crack. Many still in use after 40 years. Sizes and styles for every need. Bulletins 115, 315, and 415.

REGULATING AND REDUCING VALVES

Provide automatic pressure regulation and reduction for liquid, air, steam. Used where most exacting control is essential. Self-contained. Single seated, balanced... or double seated, semi-balanced. Spring or lever weight-loaded. Lever or float operated. All parts accessible without removing valve body from the line. Available in wide range of sizes and styles. Bulletins 235 and 435.



DIFFERENTIAL DRAINAGE AND BOILER RETURN SYSTEM



A closed pumping system for returning condensate from heating and processing units to boilers at a temperature only 15 to 20 degrees lower than temperature of steam at operating pressure. Saves 10% to 25% of boiler fuel. Increases boiler capacity. Maintains higher, more uniform pressure. Delivers drier steam at higher temperature. Reduces raw make-up water and scale 85%. Bulletin 250.

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2265 VALLEY AVENUE • INDIANAPOLIS 18, INDIANA

Stickle has engineered and built guaranteed steam specialties since 1905



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48 VALVES—needle, globe, plug, check, relief and special types plus gage protectors and snubbers, bleeders and vacuum control valves. This bulletin contains 44 pages. Catalog 355A. Republic Mfg Co, 1930 W 77th St, Cleveland 1, Ohio.

49 ROTARY PRESSURE JOINT—for steam and liquids, low pressure to 150 psi, high pressure to 1500 psi, 1/4 to 12 in. plus sizes; also pressure relief. Baker St, Providence 8, R. I.

50 FLEXIBLE METAL ROSE—application and temperature ranges of various types of metal and wire braided hose. Technical Data Book U-1111. Universal Metal Hose Co, 2153 S Kedzie Ave, Chicago 22, Ill.

51 NON-METALLIC DISC VALVES—in bronze, iron and steel; discs for saturated steam, cold water, air and gas, and gasoline, oil, butane and propane. 4 pages. Circular 145. The Lunkenheimer Co, Box 350-U, Cincinnati 4, Ohio.

PRIME MOVERS AND ACCESSORIES

52 ENGINES—all diesel, dual fuel diesels and high compression spark ignition engines and their new developments. Described in bulletin 5-54-55. Engine Div, Worthington Corp, Buffalo 8, N. Y.

53 4-CYCLE ENGINES—gas, diesel and gas-diesel, atmospheric, supercharged, vertical 4-cycle, 5, 7, and 9 cylinders, 15 1/2 in. bore, 22 in. stroke. 13 pages. Bulletin L-71. The Cooper-Bessemer Corp, Mount Vernon, Ohio.

54 DIESEL ELECTRIC SETS—10 to 100 kw, describes fuel, lubrication and cooling systems, complete specs. 20 pages. Form 36507. Caterpillar Tractor Co, Peoria 8, Ill.

PUMPS

55 HEAVY-DUTY—variable delivery pumps, variable speed transmissions, variable and constant displacement motors; drawings, complete specs. Waterbury Tool Div, Waterbury, Conn.

WATER TREATMENT

56 ZEOLITE WATER SOFTENER—sodium and hydrogen cycle, principles and details, operation and design of equipment. 14 pages. Bulletin WC-108. Graver Water Conditioning Co, Dept 103-8, 216 W 14th St, New York 11, N. Y.

WELDING

58 ALLOYS AND ELECTRODES—for resistance welding; data on holders, tips, seam welder wheels, shafts, bushings, and flash, butt, barrel and projection welding dies. 24 pages. Bulletin TW-1a. Ampco Metal, Inc, 1116 S 28th St, Milwaukee 48, Wis.

59 STAINLESS STEEL ELECTRODES—time coating for dc reverse polarity and ac-de types, complete data. Bulletin ARS-12. Alloy Rods Co, York, Pa.

MISCELLANEOUS

60 PRINTING CALCULATOR—an adding-machine-type machine that finds percentages with minimum work. Booklet AC 338. Remington Rand Inc, 215 Fourth Ave, New York 10, N. Y.

61 REPRODUCTION MACHINE—of-foe machine exposes, develops, prints any record or log to 14 1/2 in. wide in less than a minute without washing, fixing or drying. Booklet P24. Remington Rand Inc, 315 Fourth Ave, New York 10, N. Y.

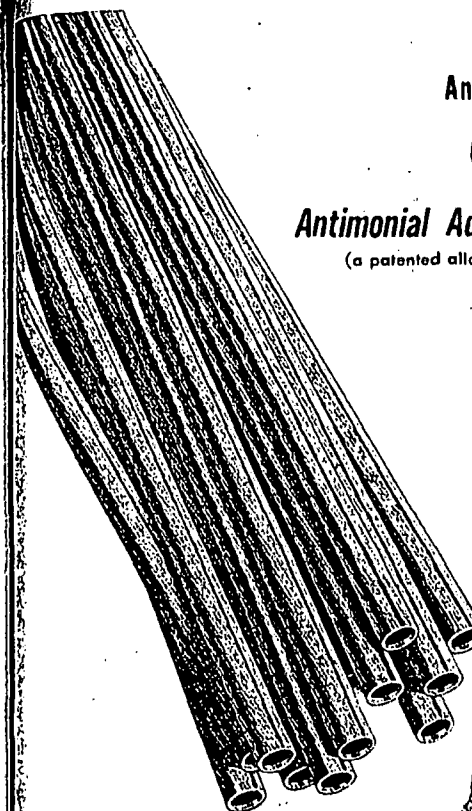
62 BUILDING FOR POWER—records concepts of non-residential and qualifications of prime contractors who build for power, describes major public utility projects. Arthur J. Johnson Corp, Engrs & Contrs, 347 Madison Ave, New York 17, N. Y.

Another reason why

Chase

Antimonial Admiralty* Tubes last longer!

(a patented alloy)



Yes, you can count on Chase Antimonial Admiralty Condenser Tubes to give you many years of satisfactory service.

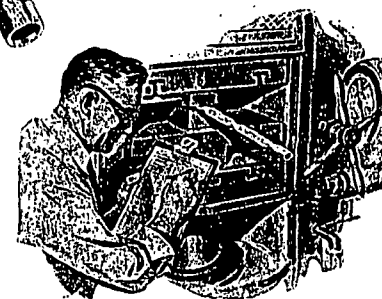
Chase Condenser Tubes are rigidly controlled for quality during manufacture, and various tests are applied when the tube is finished. The flattening test mentioned below is a good example. Wall thickness, diameter, surface finish, concentricity and accuracy of length are carefully determined.

So, for condenser tubes that last and last, remember: insist on Chase Antimonial Admiralty!

*U.S. Pat. No. 2,061,921

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This Chase technician is performing a "flattening test" which is an indication of soundness and freedom from hidden defects. You are assured that tubes passing this test will satisfactorily withstand bending or end flaring.



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