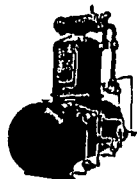


Stickle equipment is guaranteed to

Cut Steam Costs

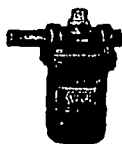
OPEN COIL FEED WATER HEATERS

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 seat. 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.



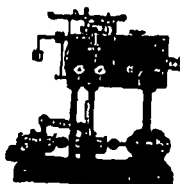
REGULATING AND REDUCING VALVES

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.



STICKLE STEAM SPECIALTIES COMPANY

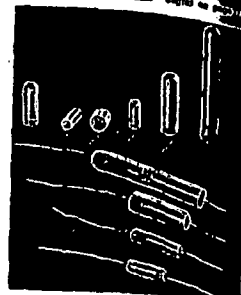
2265 VALLEY AVENUE • INDIANAPOLIS 18, INDIANA

Stickle has engineered and built guaranteed steam specialties since 1905



Stickle Equipment
Cuts the cost of steam

More EQUIPMENT NEWS

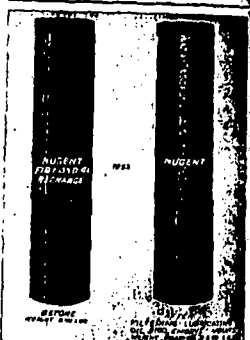


Plastic Filters

1013 • Plastic filter can handle violent corrosives during continuous filtration. Fine structure of non-wetting, zero water absorption elements permits use in gas sparing where severe thermal cycling occurs. Filters have tensile strength up to 900 psi and elasticity modulus of 18,000 psi. They will remove particles larger than 5 microns and will provide flow rates up to 100 gpm per sq ft of area at a 10-lb pressure differential manufacturer claims.

M W Kellogg Co, PO Box 669, Jersey City 8, N. J.

For more data on these items, the best one is 153. Identify your request with item number.



Laminated Fiber Filter Recharge

1064 • Laminated fiber disk recharge is said to have four to ten times the useful life of cellulose, waste or redwood for full flow filtering of large quantities of oil. The laminated disks remove foreign solids smaller than two microns and absorption of these solids after 48 hours of drainage at 70 F is 2 1/2 times the weight of the recharge, manufacturer claims.

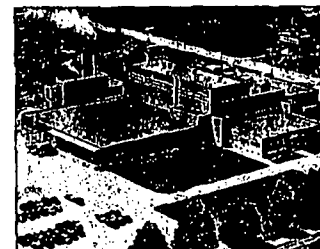
William W Nugent & Co, Inc, 410-15 N Hermitage Ave, Chicago, Ill.
(Continued on page 220)

COAL'S BEST FOR OUR MODERN PLANT!

It's low in cost...

It's clean and convenient!"

says G. W. Peters, Engineering Manager
M&R DIETETIC LABORATORIES, INC.
makers of PREAM & SIMILAC



"We made a careful study of fuels and burning equipment before building our modern new plant in Sturgis, Michigan. This plant was designed to produce baby food. So the steam plant has to be clean and dust-free as well as economical to operate. Also, we wanted a fuel we could store safely and easily in order to insure ourselves against any shortages.

"We decided on bituminous coal—and the up-to-date installation shown here. It certainly fills the bill on every count. Our modern combustion equipment makes coal far more economical than any other fuel. Up-to-date coal and ash handling give us convenient operation completely free of dust nuisance."

Additional case histories, showing how other types of plants have saved money by burning coal the modern way, are available upon request.

Discover for yourself the great advantages of coal burned the modern way. Call in a consulting engineer. He'll show you how today's combustion equipment can give you 10% to 40% more power from a ton of bituminous coal than from equipment used only a few years ago. He'll show you how modern labor-saving coal and ash-handling equipment make a coal-fired installation clean, convenient, and dust-free.

If you plan to remodel or build a new plant, be sure to look into the low cost and convenience of bituminous coal. Consider coal's other advantages, too. It has reserves that are virtually inexhaustible. America's bituminous coal mining industry is the most efficient and productive in the world. With bituminous coal, you can be sure of plenty of fuel at relatively stable prices now and for years to come.

If you operate a steam plant, you can't afford to ignore these facts!

BITUMINOUS COAL in most places is today's lowest-cost fuel, and coal reserves in America are adequate for hundreds of years to come.

COAL production in the U.S.A. is highly mechanized and by far the most efficient in the world.

COAL prices will therefore remain the most stable of all fuels.

COAL is the safest fuel to store and use.

COAL is the fuel that industry counts on more and more—for with modern combustion and handling equipment, the inherent advantages of well-prepared coal net even bigger savings.

BITUMINOUS COAL INSTITUTE

A Department of National Coal Association,
Southern Bldg., Washington 8, D. C.

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YOU CAN COUNT ON COAL!