

NATIONAL AIROIL "S-A" TYPE STEAM ATOMIZING OIL BURNER



**VIRTUALLY IMPOSSIBLE
FOR ANYTHING TO CLOG
OR GO WRONG...**

...SEE FOR YOURSELF!

The popular NATIONAL AIROIL Steam Atomizing Oil Burner thoroughly atomizes and completely burns the lowest and cheapest grades of fuel oil or gas... requires only minimum supervision and maintenance. Only slight oil pressure and temperature is needed... and internal atomizing venturi feature assures low steam consumption. NATIONAL AIROIL Type "SA" Oil Burner is adaptable to all types of industrial heating, power or process furnaces... is suitable for firing above stoker grates on conversion to oil.

Other "SA" modifications designed for: the burning of Colloidal fuel ("SAR")—Large capacity operation ("SAL")—Sludge burning ("SAD")—Combined steam and mechanical atomization (Dual Stage).

WRITE FOR BULLETIN 21

OIL BURNERS and GAS BURNERS for industrial power, process and heating purposes
STEAM ATOMIZING OIL BURNERS
SLUDGE BURNERS
Steam Atomizing
MOTOR-DRIVEN ROTARY OIL BURNERS
Mechanical Pressurized Steam Atomizing Oil Burners
DUAL STAGE Combining Steam and Mechanical Atomization

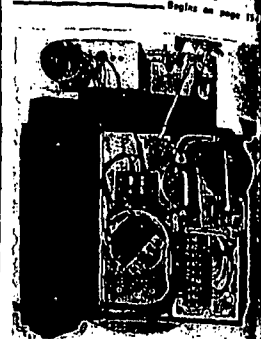
LOW AIR PRESSURE OIL BURNERS
NATROIL AUTOMATIC OIL BURNERS, or small grates for use in heating plants
COMBINATION GAS & OIL BURNERS
FUEL OIL PUMPING and HEATING UNITS
FURNACE RELIEF DOORS
AIR INTAKE DOORS
OBSERVATION PORTS
SPECIAL REFRACTORY SHAPES



NATIONAL AIROIL BURNER CO., INC.

1250 EAST SEDGLEY AVE., PHILADELPHIA 34, PA.
Southwestern Division: 2512 South Boulevard, Houston 6, Texas
INDUSTRIAL OIL BURNERS, GAS BURNERS, FURNACE EQUIPMENT

More EQUIPMENT NEWS



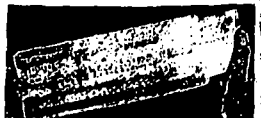
Electronic Flow Meter

1130 • Electronic type flow meter makes use of mercury-less bellows type transmitters and is available in several different models for indicating, recording and, with a continuous-type mechanical integrator or combinations thereof, for measuring steam, water and other fluid and gas flow. Records of air flow for boiler operation and pressures and temperatures can be combined in same meter. Device can handle differentials of from 20 to 750-in. water with standard static operating pressure of 1500 psig. Hays Corp., Michigan City, Indiana

For more data on these items, use post card # 167. Identify your request with item number.

Convex Scale

1138 • New convex scale remote reading gage permits full 180-degree visibility for easy readings from anywhere in control room. Scale markings are directly on convex face; indicator moves completely around the convex surface. Models are available for any pressure or range. Light and horn alarm signals, as well as repeaters for readings at auxiliary points, are available. Ferguson Gage & Valve Co., 80 Fallway, Somerville 45, Massachusetts



Sliding Selector Chart

1126 • Automatic sliding selector chart aids in calculating number and type of platecoils required in tank installations. By knowing size of tank in gal or cu ft and heating requirements, user can easily determine Btu's and area of platecoil necessary. Device has C/D slide rule scales. Trantor Mfg. Inc., Lansing 4, Michigan (Continued on page 178)



POWER!

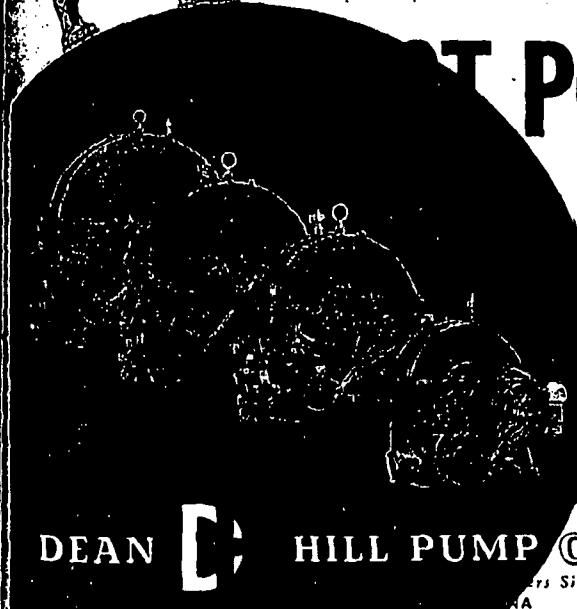
For Your Small Jobs

Installed in a large southern refinery, this Dean Hill Type DH Steam Turbine efficiently provides all the H.P. needed for driving centrifugal process equipment.

MORE POWER!

For Your Big Jobs

1,000 H.P. is available for this process pumping operation (same plant as above). Dean Hill is on the job with this powerful steam turbine.



POWER!

For Your Money With DEAN HILL Turbines

Small and large, Dean Hill Turbines are built to give all the power you need, at less expense. Specifically designed for operation at medium steam pressure. Since they are the single stage, double impact type, low steam consumption is a tremendous economy feature. Most key DH Turbine parts are interchangeable in all sizes of DH Turbines. Write today for full details and specifications.

DEAN HILL PUMP COMPANY

Since 1895

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