

Everlasting the valve that IMPROVES with use

In the unique EVERLASTING Valve, the disc never leaves the seat, even when the valve is full open. The disc moves across the sealing surface with a rotating motion, thus regrounding one to the other.

Therefore, this self-grinding movement of the disc across the sealing faces, each time the valve is operated, continuously polishes the sealing faces, with the result that the seal actually improves with use.

This feature, coupled with the fact that the EVERLASTING Valve is quick-acting, easy to operate, and drop-tight, makes it the ideal valve for many services.

For more than 40 years, the simple, sturdy construction and ingenious mechanical principles of the EVERLASTING Valve have built up an enviable reputation for dependable trouble-free operation, long service life, and low maintenance expense.

These valves are widely used throughout industry, and are in particular demand wherever quick and easy operation, leak-proof closure, and thorough reliability are important when handling fluids such as steam, water, oil, acids, alkalis, process liquids, air, etc.

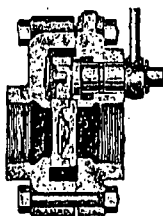
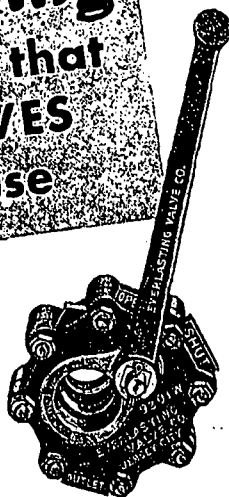
EVERLASTING Valves are made in a range of sizes for various pressures, and are available in a variety of operating arrangements for greatest convenience in the individual installation.

EVERLASTING VALVE CO., 49 Flisk Street, Jersey City 5, N. J.

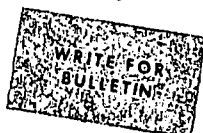
Everlasting Valves

TRADE MARK "EVERLASTING" REG. U.S. PAT. OFF.

FOR EVERLASTING PROTECTION



Sectional view
through standard
Everlasting Valve



More EQUIPMENT NEWS

Hydraulically-Driven Stoker

1071 • Fluid-Ram single retort underfeed stoker is hydraulically driven and controlled. Unit provides unobstructed access to fire, sifting and ashpit doors. Hydraulic fuel feed control offers an infinite range of fuel regulation, making the unit suitable for automatic combustion control, where wide load range operation is desired. Bulletin SB-47.

Erie City Iron Works, Erie, Pa.

Silicone-Coated Glass Cloth

1072 • New mechanical grade E-950 silicone-rubber-coated glass cloth has excellent tensile strength and surface hardness. Film hardness is said to be 3 to 4 times as great as previous rubber coatings. Tensile strength on specimens .015 in. thick is 20 lb per inch of width. Moisture absorption is low, and dry heat resistance is high. Manufacturer claims gaskets made of this material will not rot, soften or decompose. Mica Insulator Co., Scenectady 1, N. Y.

For more data on these items, see page 123. Identify your request with item number.

Conduit Straps

1073 • New line of malleable iron straps is said to have greater strength, less weight and improved support. The design provides a uniform series of one-hole straps for rigid conduit 1/2 to 6 in. diameter, and for EMT, 1/2 to 2 in. Weight savings range from 7 to 24%, width reductions to 25% over company's older designs.

Thomas & Bots Co., 2838 Butler, Elizabeth, New Jersey

Electronic Recorder

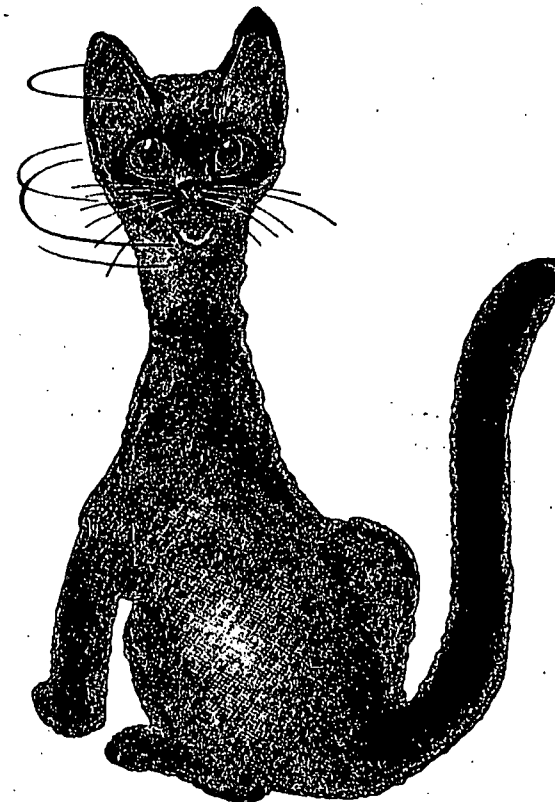
1074 • New recorder is available in both potentiometer, pyrometer and resistance thermometer bridge types. Instrument is suitable for many different temperature ranges from -100 to +3000 F, manufacturer states. It is also claimed to be suitable for recording humidity, solution conductivity, speed, pH, dc current or voltage, power, strain, or other measurements that can be converted to a change in resistance or millivoltage.

Instrument records on a 12 in. circular chart, and pointer is visible at 50 ft. Thermo Electric Co., Inc., Fair Lawn, New Jersey

Mild Steel Electrode

1075 • Improved E6010 electrode Aves 78E, is said to offer deep penetration without undercutting, a minimum of spatter, and uniform weld deposits without fingerailing.

The 78E is recommended for fabricating mild steel plate and rolled sections or castings, fired and unfired pressure vessels, structural frames, pipe lines and all classes of marine work. "Pocket Guide to Electrodes" available on request to company. Air Reduction Sales Co., 60 E 42nd St., New York 17, N. Y.



curious?

Furnace Operators! A little curiosity about this amazing FREE service can pay big dividends. It's the Cities Service Heat Prover... "not an instrument you buy, but a service we supply!" This unique instrument offers rapid, continuous sampling... simultaneous reading and direct measurement of oxygen and combustibles... and easy portability. We maintain the Heat Prover free of charge! It's not a curious

fact that so many furnace operations have been bettered with the Heat Prover. Find out how and why the Heat Prover can increase furnace productivity for you. Call or write your nearest Cities Service Office or write Cities Service Oil Company, Dept. J 16, Sixty Wall Tower, New York City 5, N. Y.

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