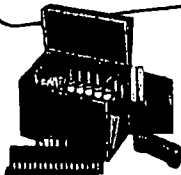


power men say they're
**TOPS FOR SPOT
BOILER WATER pH,
PHOSPHATE TESTS**



Taylor Boiler Water Comparator. Slides for pH available at low as 0.3 or as high as 13.6. Phosphate slides work on the same base.

TAYLOR COMPARATORS
with
**GUARANTEED COLOR
STANDARDS**

EASY TO USE--

Taylor Comparators use the familiar colorimetric method of comparison... but without the need for handling fragile single standards! Each complete set of Taylor Liquid Color Standards in sturdy plastic slide, many slides usable on same base.

FAST TO USE--

many determinations can be made in a matter of seconds, others take no longer than two minutes.

CONVENIENT TO USE--

you can carry the lightweight set to testing spot, no need to carry solution samples back to the lab.

ACCURATE TO USE--

because all Taylor Liquid Color Standards are unconditionally guaranteed against fading, thus there is no chance of mechanical inaccuracy.

WANT TO KNOW MORE?

See your lab supply dealer to inspect Taylor sets or write direct for a free copy of this interesting and informative booklet, "Boiler pH and Chlorine Control". It describes theory of pH and chlorine control and applications to 34 basic test devices. Also illustrates and describes the pH line of Taylor sets.



W.A. TAYLOR AND CO.
1001 RD. 6, STEVENSON LANE • BALTO-4, MD.

APPOINTMENTS



Joseph V. Santry

Corporation Executives

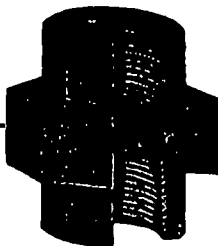
Stockholders of Combustion Engineering—Superheater, Inc. have voted to shorten the company name to Combustion Engineering, Inc. At the same time the board of directors elected the following officers to new posts: Joseph V. Santry, president, was elected chairman of the board and will continue as chief executive officer; Samuel C. Allen retired as chairman of the board but will continue as chairman of the executive committee; Martens H. Isenberg, executive vice-president, was elected president, succeeding Mr. Santry; George D. Ellis, vice-president and controller, was appointed vice-president in charge of finance, succeeding Harold H. Berry who has reached the retirement age. Mr. Berry will continue as a director.

Carl A. Dock is named executive director of the Puerto Rico Water Resources Authority, San Juan. Dock was formerly director of engineering for the Tennessee Valley Authority. N. George Belury has been elected a vice-president of American Brake Shoe Co. Raybestos-Manhattan, Inc. elected W. S. Simpson, vice-president in charge of the Raybestos Division, and appointed M. A. Thompson, assistant controller of the corporation.

The Northern Pennsylvania Power Co. has elected Col. John F. A. Belno a vice-president of the company. The American Flower Corp. announces that Edward W. Legier has been elected a vice-president. James J. Reynolds, who had been a member of the National Labor Relations Board from 1946 through 1951, has been appointed vice-president in charge of industrial relations for American Locomotive Co.

Stockholders of The Babcock & Wilcox Co. voted to increase the number of directorships from eight to 11, and elected Edward L. Cochrane, J. H. King and Luke E. Sawyer to fill the newly created posts. At the same time W. H. Rowand, chief engineer of the Boiler Division of B & W, and M. Nielsen were elected vice-presidents of the company.

(Continued on page 260)



**Ask yourself
these questions
before you buy
pipe unions again**

1. Are the unions you're using designed having a truly spherical ball joint with brass seats recessed for protection and free-flow?
2. Do they have octagonal ends for easy tightening by any type wrench?
3. Are they plainly marked for 300g pressure?
4. Are they made of Air Furnace Malleable Iron with a tensile strength of 55,000 p.s.i. and air tested before shipment?

If you can't answer "Yes" to all these questions, you're not using

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UNIONS**

...and you're not taking advantage of all these features which are back of Jefferson's reputation for high quality, maximum service and economy at a slightly higher cost.

Jefferson offers OWG 2000g to 2" and 1000g up to 4". The line includes AAR male and female unions, Endure 100g, Excel 250g and Master 150g unions. All iron seats are also available in all types.

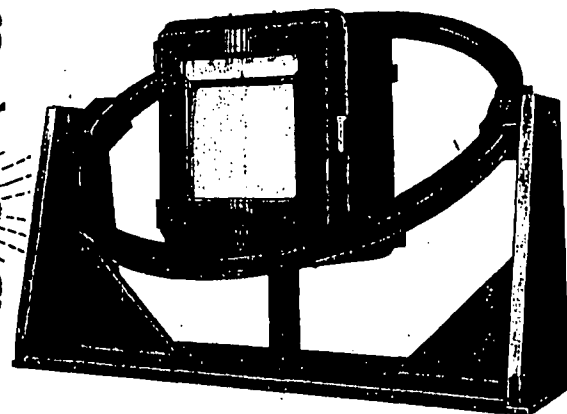
Contact your nearest distributor or us direct for your requirements.

**JEFFERSON
UNION CO.**

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**Speedomax is
engineered for
FIELD
service**

Here's how L&N engineers verify Speedomax resistance to stray electrical fields. The ring is a Helmholtz coil, adjustable for a wide variety of field effects.



Built into every Speedomax recorder and controller is a high degree of indifference to stray electrical fields. And this is one of its most useful characteristics in almost any job. It means that you can install a Speedomax near a big motor, power line or X-Ray machine—any electrical equipment in fact—and you'll probably see no effect at all from surrounding electronic noise and "junk".

The reason for this indifference to stray fields goes back through the adjustment, building and design of the instrument, to its basic engineering. Speedomax has an electronically-clean measuring circuit, as well as clean signal and amplifier circuits.

This clean design includes a bifilar-effect slidewire, to eliminate any objectionable inductance at that point. It includes our "no-moving parts" trolley con-

tact on the slidewire, which eliminates pigtailed and their variable inductances. It includes use of a Mumetal slidewire shield where desirable, instead of less expensive but lower-permeability aluminum. And it includes a lot of just downright meticulous detailing, such as carefully engineered wiring and input filtering, plus ingenious shielding where required.

These and other precautions eliminate out-of-phase components in the supply to the amplifier. The latter therefore doesn't "load"; hence sends the correct amount of correct-phase power to the balancing motor. With ample power, the motor's recording and control action is snappy and accurate.

Our Catalog ND48(1) and Technical Publication ND48(1) tell the story. Write our nearest office or 4910 Stenton Avenue, Philadelphia 44, Pa.

Industry's engineers find that Speedomax instrument performance is not affected by the stray fields created by motors, electric furnaces, magnets, power lines and so on.



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JH Ad ND48(110)



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