

this
Bulletin...



Gives you

THE "INSIDE STORY" ON THE GREATEST PROGRESS IN SAFETY VALVES FOR OVER 50 YEARS!

Yes, IT'S ALL ABOUT
THE NEW

**LONERGAN
UNI-LINE
41-W-200 SERIES**

NO OTHER VALVE LIKE IT

The UNI-LINE features:

- a Much Higher capacity per size, than any other safety valve.
- a free-acting, self-aligning disc.
- a "floating" guide (readily adjustable for control) ... assists in opening and closing action, as well as affording an additional self-aligning feature.
- a Disc and Disc holder of forged copper alloy, not castings.

For full details about the money-saving, maintenance-free advantages of these "features", plus valve data and specifications, write for your free copy of this new UNI-LINE 41-W-200 Series Bulletin.



More APPOINTMENTS

Regins on page 250

Co. of Hillside, N. J. United Metal Craft Co.; formerly United Stove Co., a subsidiary of Gar Wood Industries, Inc.

Clark Equipment Co.; John J. Shand, southeastern regional sales manager, has moved his headquarters from Norfolk, Va. to 161 Spring St Bldg., Atlanta, Ga. Poncehontas Fuel Co.; Earl C. Robertson, vice-president in charge of sales, has moved his office and the general sales office from New York to the Terminal Tower, Cleveland, Ohio.

Institute Elections

American Society of Civil Engineers: Daniel V. Terrell of Lexington, Ky., president; Enoch R. Needles of Summit, N. J., vice-president for Zone 1; Mason C. Lockwood of Houston, Texas, vice-president for Zone 4. Water Conditioning Foundation: C. L. Scribner, assistant general manager of Elgin Softener Corp., chairman of the executive board. Battelle Institute: A. C. Richardson, Technical Director. Bituminous Coal Research, Inc.: Elmer R. Kaiser, from assistant director of research to associate director; C. E. McGlaughlin, from special representative to assistant to the president.

Obituaries

A. Albert Klein, 64, assistant director of research and development at Norton Co., August 25th.

Littleton C. Barkley, 51, General Sales Manager, West Coast Division of Raybestos-Manhattan, Inc., August 27th.

John Winterbottom, 62, power engineer at McLean Hospital, Waverly, Mass., August 29th.

E. Clinton Jansen, 74, former chief hydraulic engineer for Public Service Co. of Colorado, September 1st.

Chilean State Railway will install two new 3000-kw Ignitron substations on its heavily-traveled electrified line between Santiago and Valparaiso. The units, ordered from Westinghouse Electric International Co., will improve service between the country's capital and its chief port. Each substation will consist of an ignitron rectifier plus switchgear and transformers. Ignitrons, smaller than motor-generator sets of same capacity, provide large quantities of dc energy from an ac source without the use of moving parts.

A documentary motion picture, *Decision for Chemistry*, depicts the role of the chemical industry in American life. Produced by Monsanto Chemical Co., the film is not an "inventory picture" nor is it a tour of the company's plants and offices. Rather is it a study of an industry as seen through some of the experiences and events at Monsanto. The story pattern is simple—looking at yesterday to see today, looking at today to see tomorrow.



- ✓ 0 Coagulation over wide pH ranges, color, turbidity and manganese removal.
- ✓ 0 Increased filter runs.
- ✓ 0 Quality effluent low in iron and aluminum.
- ✓ 0 Rapid floc formation and rapid settling.
- ✓ 0 Excellent taste and odor control.

Ferri-Flac is a partially hydrated ferric sulphate. It is a stable, free flowing, granular salt. It can be fed with few modifications through any standard dry feed equipment. Being partially hydrated, it is mildly hygroscopic, thus permitting easy handling as well as long storage periods in closed hoppers.

Water Treatment
Coagulation of surface or well waters. Aids taste and odor control. Effective in lime soda-ash softening. Adaptable to treatment of nearly all industrial water or wastes.

Sewage Treatment
Coagulation over wide pH range. Efficient operation regardless of rapid variations of raw sewage. Effective for conditioning the sludge prior to vacuum filtration or drying on sand beds.

SULPHUR DIOXIDE



SULPHUR DIOXIDE is effectively used for dechlorination in water treatment and to remove objectionable odors remaining after purification.

COPPER SULPHATE



COPPER SULPHATE will control about 90% of the microorganisms that normally encountered in water treatment plants more economically than any other chemical.



Let us send you free literature on the above products. Send and in letter to: Tennessee Corporation, 417-429 Cleveland Building, Atlanta, Georgia.



TENNESSEE CORPORATION
417-429 Cleveland Building, Atlanta, Georgia



Another reason why

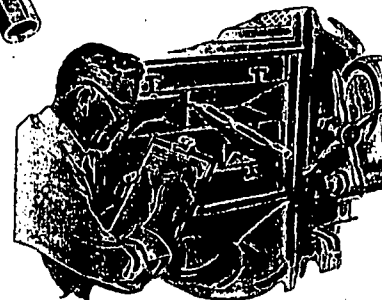
Chase

Antimonial Admiralty Tubes last longer!

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!



PUTTING THE SQUEEZE ON IMPERFECTIONS...

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.

PROMPT SHIPMENTS
from our mills in Cleveland
and Waterbury.

Chase

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