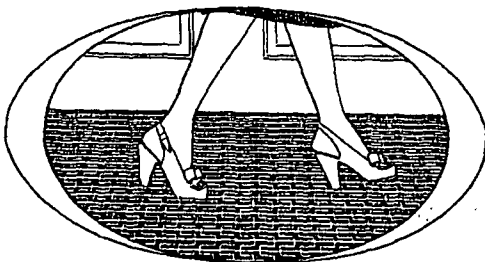


THE *Safe* OPEN STEEL FLOORING IS TRI-LOK

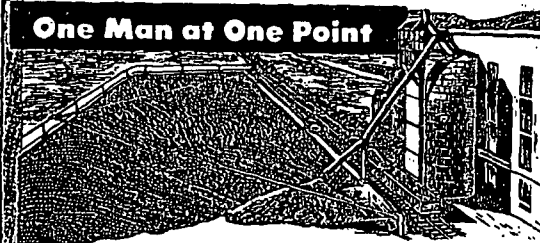
No object over 1/4 square inch can pass through super-safe U-Type Tri-Lok Flooring. Fabricated without bolts, rivets or welds, it is unsurpassed for plant installation, walkways, loading platforms. Guarantees efficient distribution of concentrated loads . . . maximum free opening for light and air. Write for Bulletin 1140.



DRACO CORPORATION
NATIONAL DEPARTMENT
1103 PITT BANK BLDG., PITTSBURGH 22, PA.
(Distributor for THE TRI-LOK COMPANY)



One Man at One Point



... Controls All!

With Beaumont Birch Coal Handling Equipment, one operator controls all coal handling with finger-tip controls, like this—

Coal arrives by rail, is dumped into hopper, raised by bucket elevator and discharged either into bunker for immediate use or down a chute to yard storage. If it goes to storage, the Beaumont Drag Scraper spreads it into safe, compact layers—eliminating air pockets.

Use any available space. Tail-blocks can be slung between posts and moved by hand—and mechanically moved on I-beam track by tail-block car, or suspended from an aerial bridge system. The scraper and cable system is operated by one man through remote control. One company, Beaumont Birch, supplies all necessary equipment.

Complete engineering service available by writing right now to—



BEAUMONT BIRCH COMPANY
1302 RACE STREET • PHILADELPHIA, PA.



T J CONDON, Active Member Of NAPE, Died on Jan 13

Timothy J. Condon died on Jan 13 at his home in New York City. Born in Ireland 67 years ago, "Tim" came to New York while still a young man. He became an operating engineer and was for the rest of his life very active in affairs of NAPE, Assn. of Power Engineers. He was president of NAPE No. 44, New York, and prominent also in affairs of State National Associations. He was a member of International Union of Operating Engineers.

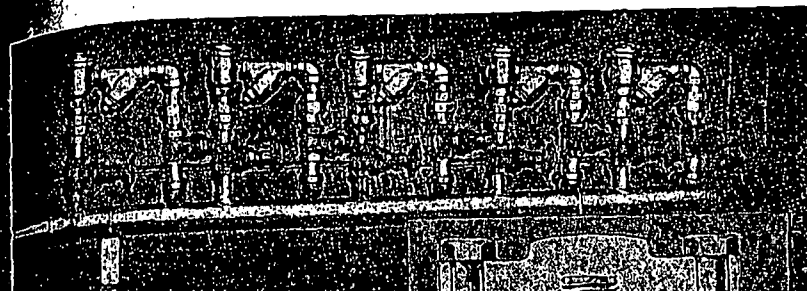
Perhaps his most notable characteristic was a quiet friendliness, so sincere that it was universally reciprocated.

Condon is survived by five daughters and a brother Patrick, one of the charter members of No. 44.

American Relay & Controls, Inc., 200 W. Diversey Ave., Chicago, makers of electrical relays, switches and specialized controls, has been purchased by Duffell Siegel, Chicago manufacturer. The firm has also moved to a new location at 200 W. Flournoy St., Chicago 44, Ill.

An Institute of Geology has been formed jointly by Massachusetts Institute of Technology and Nova Scotia Dept. of Mines with headquarters at Crystal Farm, Antigonish, N. S. Extensive investigation of fuel and mineral resources of the Bay region in Nova Scotia will be conducted cooperatively. Summer courses will be given to MIT and other students in coal and petroleum resources will be investigated as well as other deposits. The coal mines extending under the Sydney are within 100 miles and the entire region is of varied interest from geological and engineering standpoint.

Technical dept. of E. F. Drew & Co. has prepared a 10-min 16-mm motion picture film, with sound, entitled "A Study in Boiler Water Treatment," and is offering this picture, without charge, to engineering societies and other interested groups. The picture covers main difficulties encountered in boiler-water treatment, such as corrosion and their correction. For information concerning use of the film, write to Power Chemicals Div., E. F. Drew & Co., 15 E. 26th St., New York City.



No. 9 Thermostatic Steam Traps on ovens. More than 220 Sarcos are used in this plant.

WHY FORD MOTOR CO. INSTALLED SARCO No. 9 Steam Traps

In Its Hegewisch Plant, Chicago, Ill.

The heating-up time on the ovens at the Ford plant in Chicago was reduced from three to four hours to less than an hour by using Sarco No. 9 Thermostatic Steam Traps on each individual coil. Production is more reliable and more uniform because Sarco No. 9:

- (a) Requires less space.
- (b) Will work satisfactorily regardless of pressure changes, making it unnecessary to change orifice due to change of pressure.

- (c) Has rapid air venting due to larger valve orifice, allowing rapid heating up from cold start.
- (d) Has one working part—the flexible bellows, thus reducing Maintenance cost.
- (e) Is one of the few thermostatic traps made with a range from 0" to 225" steam pressure.
- (f) Slight additional cost is more than offset by low maintenance cost.

SARCO SAVES STEAM

SARCO COMPANY, INC.
Represented in Principal Cities
Empire State Building, New York, N.Y.
SARCO CANADA LTD., TORONTO, ONTARIO