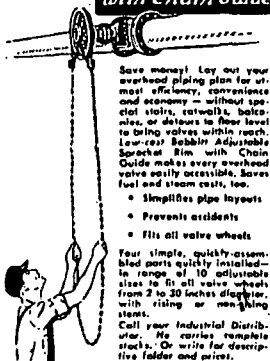


Cut Piping Costs

WITH ...

Babbitt
Adjustable
SPROCKET RIM
with Chain Guide



Save money! Lay out your overhead piping plan for utmost efficiency, convenience and economy — without special stells, setwalls, balloons, or delays to flow level to bring valves within reach. Low-cost Babbitt Adjustable Sprocket Rim with Chain Guide makes every overhead valve easily accessible. Saves fuel and steam costs, too.

- Simplifies pipe layouts
- Prevents accidents
- Fits all valve wheels

Four simple, quickly-assembled parts easily installed in range of 10 adjustable sizes to fit all valve wheels from 2 to 20 inches diameter, with rising or swinging stems.

Call your Industrial Distributor. He carries complete stocks. Or write for descriptive folder and prices.

Babbitt STEAM SPECIALTY CO.

2 BABBITT SQUARE, NEW BEDFORD, MASS.

for cleaner
Over-all combustion

LUBAID
D

LUBAID-D is a diesel fuel additive that aids in achieving better, lower-cost performance, with shorter outages. LUBAID-D aids in dispersing gum, sludge and varnish. Aids in achieving free pumping. Aids in maintaining maximum compression pressures. Aids in achieving cleaner combustion, and reduction of port clogging and sticking valves.

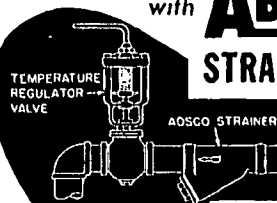
LUBAID COMPANY

Address Inquiries to Milwaukee Office
MILWAUKEE, WISCONSIN and NEW YORK CITY

PROTECT Valuable Equipment

with

ADSCO
STRAINERS

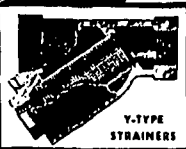


• Uniform, snug fit of screen in ADSCO Y-type Strainers is guaranteed by gasketed cap and tapered seats. When furnished with semi-steel body and perforated brass-sheet screen, these strainers are of 250 lb. design. Screen ratios as high as 8-to-1. Bodies and screens of other metals furnished for higher pressures and temperatures. Write for Bulletin 46-50B.

AMERICAN DISTRICT STEAM COMPANY, INC.

NORTH TONAWANDA, NEW YORK

Since 1771



Y-TYPE
STRAINERS

More POWER NEWS

Begin on page 150

A new 16mm sound motion picture in color, *The Science of Making Brass*, is now available for showings to brass users throughout the United States from Chase Brass & Copper Co., Inc. Extensive use of animation explains the details of casting, extrusion, drawing and rolling processes. Modern production and quality control techniques are shown in sequences taken in the Chase research laboratories. The film is being offered on a loan basis to metal-working industries, technical schools and state and local technical groups. Requests should be addressed to Chase Brass & Copper Co., Inc., Waterbury 20, Conn., or to any Chase warehouse or sales office in the United States.

A search for additional sources of the costly metal germanium for use in electronic equipment has been launched by the Bureau of Mines in ash pits and smoke stacks of large industrial consumers of coal. The Bureau's search is being concentrated on central station power plants which burn a total of more than 100 million tons of coal yearly.

Selling at approximately \$350 a pound, or nearly 65 per cent the price of gold, all germanium metal used in the United States today is recovered from sludges during the production of electrolytic zinc. Annual output is about 6,000 pounds, but some predict the electronics industry will require 40,000 pounds yearly by 1956.

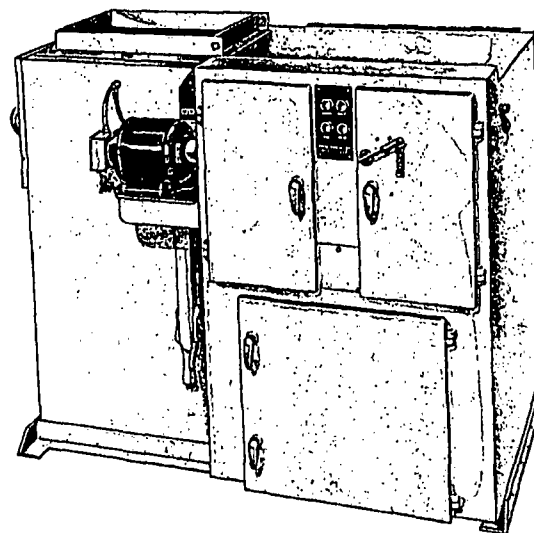
Engineers in industry will have an opportunity to study the applications of new techniques and methods in Lubrication Engineering during a two-week Special Summer Program from June 16 to 26 at the Massachusetts Institute of Technology. The program is intended primarily for engineers responsible for lubrication maintenance and scheduling in industrial plants, and for others in the oil industry who wish to become better acquainted with the field.

Further information and application blanks may be obtained from the Director of the Summer Session, Room 8-107, Massachusetts Institute of Technology, Cambridge 39, Mass.

Melbourne—(McGraw-Hill World News)

—New Zealand is likely to become the first country in the world to apply geothermal steam to the production of heavy water and also the first country to harness geothermal steam for the dual purposes of making heavy water and electricity.

Geothermal steam tapped from far below the earth's surface will be used to produce heavy water for use as a moderator in atomic piles and would be exported from New Zealand to the United Kingdom, United States and, later on, to Australia. Further research on the best methods of production is in progress. Actual production of atomic power in New Zealand is not contemplated, but New Zealand scientists would like to cooperate with Australia in establishing there an atomic pile. According to some plans, this pile would be in operation before 1960.



The Boiler With S-E-Co. Coal Scales

can squeeze the last BTU from each pound of coal because its operator knows exactly how many pounds of coal have been burned over any time interval.

Not only is the S-E-Co. Coal Scale accurate to 1/4 of 1%, but it is completely modern in design — offering the maximum in reliable operation. Independent thinking and foresight have incorporated the following exclusive features as standard equipment in the S-E-Co. Coal Scale:

1. Counter that is electrically operated and, therefore, completely reliable and trouble-free. Easily mountable on remote central control station, if desired.
2. Unrestricted scale inter with vertical skirt sides on feeder and with no baffles or other restrictions hindering coal flow through the scale.
3. Molded endless belt on self-contained feeder frame that can be removed from scale housing with unmatched ease and speed.
4. Standard frame motor with completely separate brake and gear reducer.

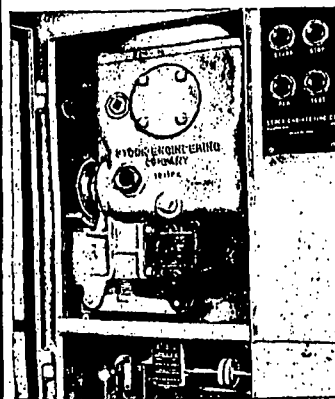
Write today for further details contained in our Coal Scale Bulletin or for a local representative to call on you and discuss our scale and other equipment.

Specialists in Bunker to Pulverizer
or Bunker to Stoker Equipment

STOCK EQUIPMENT COMPANY

745P HANNA BUILDING

CLEVELAND, OHIO



Close-up showing reducer, brake, and easily accessible tare and compensator adjustment mechanisms.