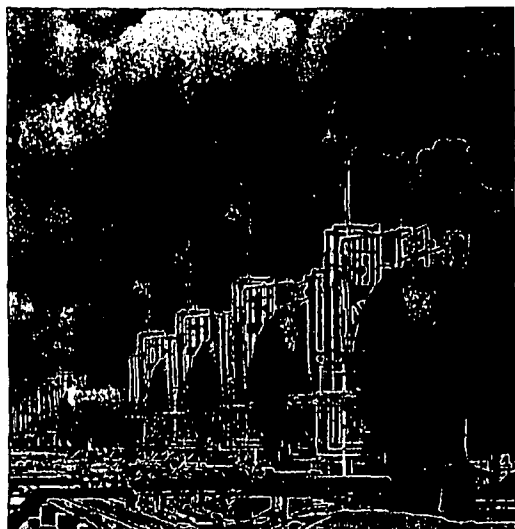


For any pressure...in any length
SPECIFY PENBERTHY
LIQUID LEVEL GAGE SETS



Corrosion-resisting Penberthy gages and valves indicate accurately the level in vessels containing any kind of liquid. Construction is exceptionally sturdy. Materials conform to or exceed requirements of A.I.S.I., A.S.T.M. and/or A.P.I.-A.S.M.E. for maximum recommended pressures and temperatures. They are made from carbon steels, high grade bronze and malleable iron. Also available are chrome-moly and stainless steels and Monel metal. When specified, materials such as acid bronze, Everdur, nickel and Hastelloy are supplied.

For your special requirements, experienced engineering counsel and service are available to design and make valves and gages to meet your unusual conditions.

● For most requirements, Catalog 35 is a handy help in selecting and ordering. A copy will be sent upon request.

Established 1886
PENBERTHY INJECTOR COMPANY
 Division of the Buffalo-Eclipse Corporation
 1262 Holden Avenue, Detroit 2, Michigan

There's Certain satisfaction in PRODUCTS BY

PENBERTHY

- CYCLING JET PUMPS
- INJECTORS
- INJECTORS
- ELECTRIC SUMP PUMPS
- EDUCATORS
- EXHAUSTERS
- SYNCHONS

TUBULAR
 Meets Navy specifications

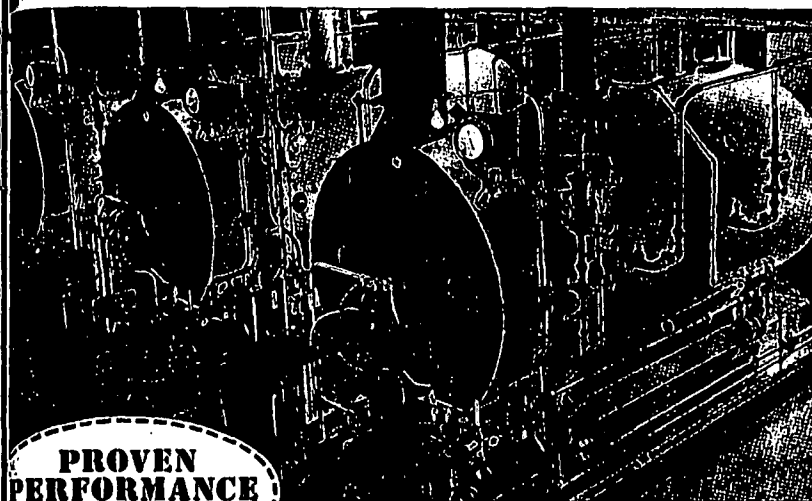
REFLEX
 Accurate, easy-to-read

TRANSPARENT
 Quickly determine color and density

DON'T MISS THIS FEATURE
 Union connections between valves and gage permit removal of gage without shutting down.



Cleaver-Brooks boilers save \$25,000 per year for Hoosac Mills...pay for themselves in 2 years' time!



PROVEN PERFORMANCE

ANOTHER OUTSTANDING REPORT FROM A CLEAVER-BROOKS OWNER

After installation and starting service was completed, a check was made on boiler output. Tests indicated efficiency exceeded the guaranteed 80%. After eight months' operation without tube cleaning, stack temperature showed no noticeable gain, indicating high efficiency had been maintained. Planned and installed by Frank I. Rounds Co., Newton Highlands, Mass.

INSTALLING 3 Cleaver-Brooks self-contained boilers at Hoosac Mills, New Bedford Division, was a major step in ending boiler worries. Hoosac can count on yearly savings of \$25,000, and they're set for future expansion as well.

Before deciding what type of boiler to install for replacing old, hand-fired boilers, Hoosac carefully considered these factors:

1. Efficiency of steam generation — the cost for supplying 12,000 lbs. of steam required each hour at peak capacity for heating and processing.
2. Saving labor costs — through safe, automatic operation.
3. Cleanliness — important to textile manufacture.

A study of past performance and prominence of similar units in the industry — showed that Cleaver-Brooks self-contained boilers would fill the bill.

Guaranteed 80% thermal efficiency was one of many influencing

factors in selecting the 3 Cleaver-Brooks 150 hp. boilers. Even with loads as low as 30% of rating, these boilers operate with a flat 80% efficiency. (Hoosac operates their plant over widely fluctuating loads, particularly in summer.)

That they attained their objectives is borne out by these results — results which showed the boilers paid for themselves in 2 years' time.

1. \$15,000 savings in fuel — fuel cost studies showed 275,000 gals. of oil at \$14¢ per gal. provide steam for a year's operation. Same steam formerly required 2,000 long tons of coal at \$15.00 per ton.
2. \$10,000 savings in labor costs — fully automatic operation minimized boiler maintenance. Personnel were then available for productive plant work.
3. Cleanliness — modern boiler room proved more efficient than previous cluttered arrangement. Hand firing, removal and disposal of fly-ash was eliminated.

In addition to these substantial savings, the installation provided for economical future plant expansion. At present, boiler operation is rotated so all three periodically receive the same service and maintenance.

Cleaver-Brooks boilers are showing similar savings in many other businesses. Investigate — write for Catalog AD-100 and complete information on standard size oil, gas, combination oil/gas fired Cleaver-Brooks boilers, 15 to 500 hp., 15 to 250 psi.

CLEAVER-BROOKS COMPANY
 Dept. P, 301 E. Kooler Ave.,
 Milwaukee 12, Wis., U.S.A.

Cleaver-Brooks

ORIGINATORS OF THE SELF-CONTAINED BOILER

Steam Boilers • Oil and Blumkin Tank
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 Oil and Gas Fired Conversion Burners