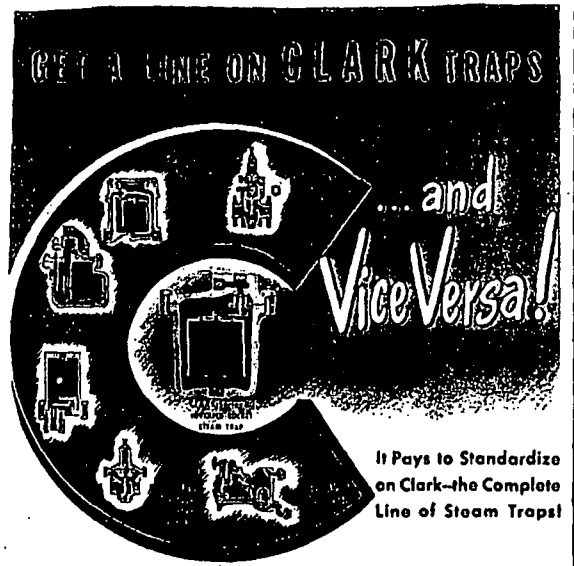

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Engineer's Bookshelf

(Continued from page 116)

briefs of the theories concerning
processes. Chapters include: ther
namic data, piping, hydraulic, flow
surements, heat transfer, combu
power, pumps, fans, blowers, compres
absorption, stripping, distillation, wa

INDUSTRIAL MANAGEMENT (4th edi
1947) *By William R Spriegel, Northwes
University. 656 pp. 6x9, illust, cloth.
John Wiley & Sons, Inc, 440 Fourth
New York 16, N. Y.*

Originally written by Prof R H
burgh, this standard work on indust
management has been completely revised
Prof Spriegel and a new chapter on ma
tenance added. As in past editions,
phases of the subject are covered: pl
location, organization, plant layout a
equipment, motion and time study, wage
buying, selling and transportation, m
terial and production control, personn
administration.

To an ever greater extent, the pow
engineer in industry must be familiar wi
management policies and problems if he
to discharge his responsibilities with ful
effectiveness. This text should prove
value in bringing him up-to-date on rece
developments in this field.

INDUSTRIAL APPLICATIONS OF INFRARE
(1947). *By James Doyle Hall, advanc
engineer, lamp division, Westinghou
Electric Corp. 201 pp. 9¼x6¼, cloth. $3.50
McGraw-Hill Book Co, 330 W 42nd S
New York 18, N. Y.*

There has been widespread and ever
increasing interest in infrared radiation fo
an almost endless number and variety of
heat applications. This book provides a
nontechnical source of reference which an
ticipates and answers many of the ques
tions on the subject.

Simple test procedures are outlined, and
data from several sources are used. A
variety of infrared installations, photo
graphically recorded, should be of as
sistance in solving problems and suggesting
additional uses of radiant heat.

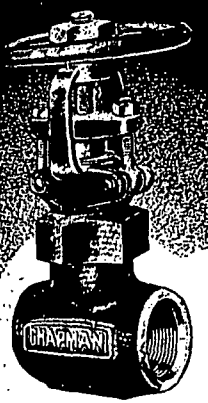
FLUID MECHANICS OF TURBOMACHINERY
(1947). *By George F Wislicenus, compress
sor research engineer. 613 pp; 5½x8
charts, 258 illust; $7.50. McGraw-Hill Book
Co, 330 West 42nd St, New York 18, N. Y.*

While this book cannot be considered
an elementary introduction to general fluid
mechanics, it does contain an explanation
of those principles applying to this field in
an endeavor to make this book self-
contained. The geometry of hydrodynamic
machines is introduced here as a new sub-
ject. It has been separated clearly from
the hydraulic consideration of the design
problem. This distinction agrees with the
present state of the theory of turbo-
machinery, which doesn't permit, for th

CHAPMAN LIST 960

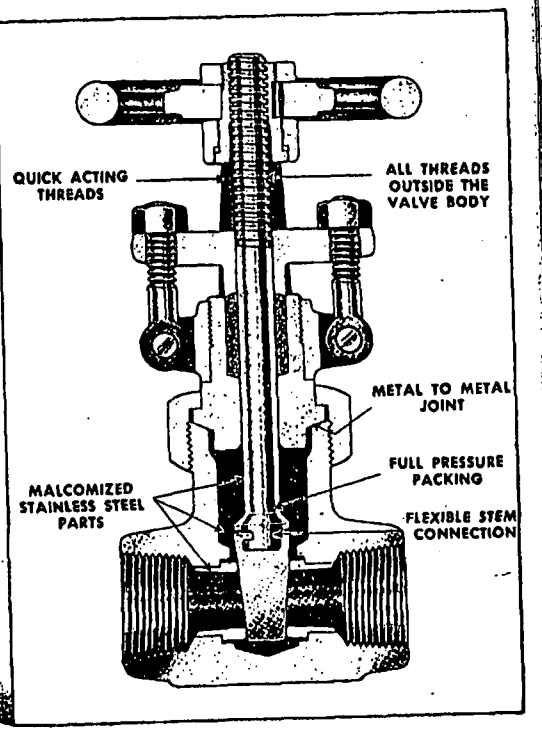
You Can Repack this Gate Valve

UNDER FULL PRESSURE



This rugged forged steel gate valve can be repacked under full pressure because no pressure is transmitted to the valve stem. The bonnet of the valve is fitted with a flanged forged steel packing gland which eliminates exposed threading on the valve yoke. This protects the threads against rust and corrosion when the valve is used in exposed locations. Stems, plugs, and seat rings are of Malcomized stainless steel.

Made in sizes from ¼" to 2"—carbon steel for pressures to 800 pounds and alloy steel for working pressures to 1,000 pounds, at 750° F. For higher pressures, specify List 990.



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