

TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

S-GA.175

OTTAWA, December 11, 1959.

TYPE APPROVALDANIEL SIMPLEX ORIFICE PLATE HOLDERS

The apparatus specified and illustrated herein has been duly approved by the Standards Branch under the provisions of the Gas Inspection Act, Chap. 129, R.S. 1952, and may be admitted to verification in Canada.

Apparatus Approved: Simplex Orifice Plate Holders, manufactured by the Daniel Orifice Fitting Company, Los Angeles, California, U.S.A., and distributed in Canada by Process-Instrument Systems Limited, 44 Haas Road, Rexdale P.O., Toronto, Ontario.

Rating of Apparatus:

"Flangnek" Standard Flange Facing

Cast Steel		Range
2" to 6"		150 A.S.A. 230 psi Gauge C.W.P.
2" to 6"		300 A.S.A. 600 psi Gauge C.V.P.
2" to 6"		600 A.S.A. 1200 psi Gauge C.W.P.
2" to 6" *		900 A.S.A. 1800 psi Gauge C.W.P.
2" to 6" *	Carbon Steel	1500 A.S.A. 3000 psi Gauge C.W.P.
2" to 6" *	Carbon Moly Alloy Steel	2500 A.S.A. 5000 psi Gauge C.W.P.

"Flangnek" Ring-Joint Flange Facing

2" to 6"		600 A.S.A. 1440 psi Gauge C.W.P.
2" to 6" *		900 A.S.A. 2160 psi Gauge C.W.P.
2" to 6" *	Carbon Steel	1500 A.S.A. 3600 psi Gauge C.W.P.
2" to 6" *	Carbon Moly Alloy Steel	2500 A.S.A. 6000 psi Gauge C.W.P.

Welding Neck Ends

2" to 6"		600 A.S.A. 1440 psi Gauge C.W.P.
2" to 6" *		900 A.S.A. 2160 psi Gauge C.W.P.
2" to 6" *	Carbon Steel	1500 A.S.A. 3600 psi Gauge C.W.P.
2" to 6" *	Carbon Moly Alloy Steel	2500 A.S.A. 6000 psi Gauge C.W.P.

...../2
(Socket)
(over)

Cast Steel

Range

Socket Welding Ends

2" to 6" 600 A.S.A. 1200 psi Gauge C.W.P.

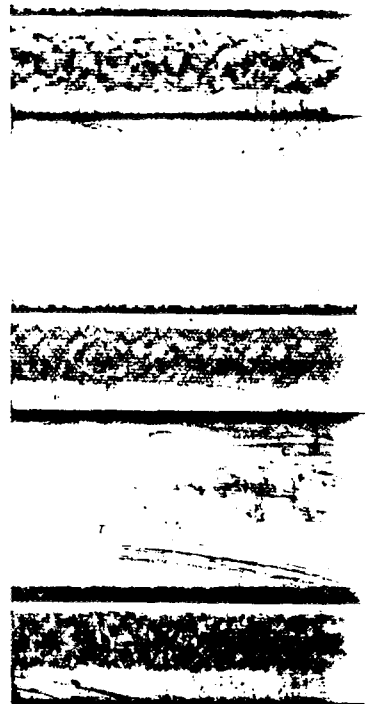
Threaded Ends (Female)

2" to 4" 600 A.S.A. 1200 psi Gauge C.W.P.

* Covered only when measurement meets A.G.A. Recommendations.

Application: The fitting may be used as a component part of an orifice metering unit in the measurement of manufactured, natural, and petroleum gases, or mixtures thereof.

Description: The design of the fitting provides a safe method for inspecting and/or changing orifice plates, and may be used where it is possible to depressurize the line. Accurate alignment of the orifice plate is assured through the use of a dowel pin in the body of the fitting which is indexed into the sealing bar. By lifting the sealing bar, both plate carrier and orifice plate are removed from the line.



R. W. MacLean
R. W. MacLean,
Director,
Standards Branch.

E. F. Power
E. F. Power,
Assistant Director (E&G),
Standards Branch.

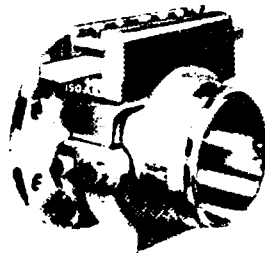
Ref: A-544A

DANIEL SIMPLEX ORIFICE PLATE HOLDER

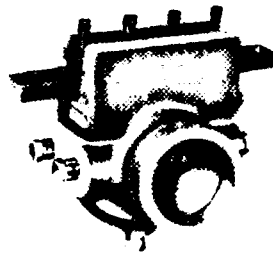
"DS" (DUAL Synthetic Rubber SEAL) and
"TS" (ALL TEFLON SEAL)
Cast Carbon Steel and/or Alloy Body—Bronze Trim
Cast Carbon Steel and/or Alloy Body—Stainless Steel Trim
Patented (Additional Patents Pending)



WELDING NECK



"FLANGHER"



SOCKET WELDING

