



**NOTICE OF APPROVAL
AVIS D'APPROBATION**

G-114

Ottawa, September 2, 1975

FISHER CONTROLS COMPANY TYPE S301F PILOT
OPERATED PRESSURE REGULATOR

Apparatus

Regulator connections, ins.

(a) threaded FNPT

(b) flanged ANSI Class 125FF

3/4 x 1, 1, 1 1/4, 1 1/2, 2

2

Main orifice diameters, ins.

Maximum inlet pressure for

listed orifice sizes, psig

Outlet pressure range, psig

3/16	1/4	3/8	1/2	3/4
125	125	80	60	20

2 to 20

For flow capacities under various conditions reference should be made to the manufacturer's bulletin No. 71.1:S300:A, dated August 1, 1975.

Approval is hereby granted for the use of the above-named apparatus in Pressure Factor Measurement installations. This Approval applies only to installations which conform strictly to the Departmental "Rules for Pressure Factor Measurement Installations", issued by the Legal Metrology Branch.

Description

The type S301F is a pilot operated regulator normally set at the following conditions:

- (1) the average inlet service pressure expected
- (2) the contracted outlet pressure
- (3) a flow rate of 300 SCFH.

The regulator incorporates the main spring No. 1B4136 and the pilot spring No. 1B7883.

The orifice size is normally selected to meet the accuracy requirements at maximum flow and minimum inlet pressure.

For further information refer to the manufacturer's bulletin No. 71.1:S300:A.

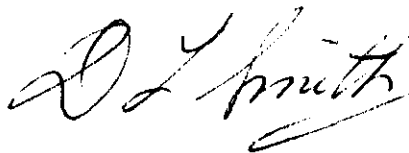
For field test procedure refer to Technical Gas Circular G-75-3.

Approval granted to:

Fisher Controls Company
of Canada Ltd.,
Woodstock, Ontario.



J.L. Armstrong,
Chief, Standards Laboratory,



D.L. Smith,
Chief, Electricity & Gas Division,
Metrology and Laboratory Services.

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