



TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

OTTAWA June 2, 1961.

TYPE APPROVAL

AMERICAN METER COMPANY HIGH PRESSURE 'DRI-FLO'
ORIFICE METER, MODELS "FS" AND "SS" SERIES

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

Apparatus Approved: Series "FS" and "SS" 'Dri-Flo' Orifice Meters, manufactured by the American Meter Company Inc., and distributed in Canada by the Canadian Meter Company Limited, Milton, Ontario.

Rating of Apparatus:

Differential Ranges	0-20, 0-50, 0-100 and 0-200 inches water gauge
Static Pressure Ranges	"Ambrac" Helical - up to 500 p.s.i.
	Stainless Steel Helical - 0-25 to 0-5000 p.s.i.
Working Pressure:	1000, 2000, 2500, 3000, 4000, 5000
Model #(Forged Steel)	10FS, 20FS, 25FS, 30FS, 40FS, 50FS
Model #(Stainless Steel, 303) ...	10SS, 20SS, 25SS, 30SS, 40SS, 50SS

Description: The high pressure 'Dri-Flo' orifice meter is similar to the one approved on circular SD-GA.51, June 2, 1954. The outside appearance and the design details of the high pressure meter are somewhat different but the basic operational principles are identical, with incorporated provision for pulsation damping, temperature compensation and exchangeable range spring assembly. The meter has two 1/2" and two 1/4" female, side pipe connections. Forged steel meter bodies are cadmium-plated.

The basic differential unit may be used with any approved static pressure and temperature recorder, and integrating or telemetering device in connection with orifice metering.

Application: Measurement in distribution service of heating gases.

E. F. Power

E. F. Power,
Chief, Electricity & Gas Division,
Standards Branch.

R. W. MacLean

R. W. MacLean,
Director,
Standards Branch.

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