

SPG-197
1147-4
1147-57/C6-34
SL-100-91
SL-100-34C

OTTAWA, October 10, 1972

SPECIAL APPROVAL

Granted to: Gaz Metropolitain Inc.,
1717 du Havre,
Montreal 3, P.Q.

Attention: Mr. A. Lodomez,
Meter Shop.

Subject: Canadian Meter Company
Pulse Volume Transmitting System

Special Approval is hereby granted by the Standards Branch to Gaz Metropolitain Inc. to use the following instrumentation in the measurement of gas. This installation will employ a BVI-CI 100 with frame-mounted pulse transmitter sending volume pulses to a remote counter:

Location	Union Carbide
Meter	8" GT-60M 125 psi, 1000 CF/Rev. output c/w Flanged type Str. Vanes
Instrument	BVI-CI 100 c/w frame mounted transmitter mark III (1 rev. = 10 pulses) 1 pulse = 1000 s.c.f. BVI-CI S/N PP-1-926 Transmitter S/N PP-248
	Pressure Range 0-150 psi
	Temperature Range -20 to +140°F
	Atmosphere Pressure 14.65 psia
	Base Pressure 14.73 psia
	Base Temperature 60°F
	Min. operating Pressure 80 psig
	Normal operating Pressure 85 psig
	Max. operating Pressure 90 psig
	Min. operating Temperature 15°F
	Normal operating Temperature 30°F
	Max. operating Temperature 50°F

Uncorrected counter x 1000
Corrected counter x 1000
Supercompressibility Factor $(F_{PV})^2 = 1.0273$
Based on AGA method of calculation
Nitrogen = 2.92% by volume
Carbon Dioxide = 0.33% by volume
Reliance type FA-125 4" x 4" ASA 125

Filter

W.J.S. Fraser,
Chief,
Electricity and Gas Division
Standards Branch

c.c. Mr. G. F. Wilson, Milton
Mr. J. A. Orwin, Milton
Mr. L. R. Sauve, Montreal
Mr. F. W. Mason, Toronto
Mr. R. N. Beattie, Hamilton

