



Department of consumer and corporate affairs / Ministère de la consommation et des corporations



SPG-119

SE-27

SL-100-G

SE-85-G

SL-100-SPG

TEMPORARY SPECIAL APPROVAL

JULY 27, 1971

Granted to: Canadian Western Natural Gas Company Limited,
140-Sixth Avenue Southwest,
Calgary 1, Alberta.

Attention: Mr. A. Stodalka, P. Eng.,
Superintendent of Measurement
Customer Service & Utilization.

Subject: Use of Pressure Factor in Gas
Metering Installation

Temporary Special Approval has been granted by the Standards Branch to Canadian Western Natural Gas Company Limited, to apply a pressure factor in the measurement of gas at the following installation under the stated conditions:

Customer - Mr. P. Mirek
Address - P.O. Box 82, Delburne, Alberta
Nature of Load - Three furnaces, water heater, dryer in
two residences and 1 hog barn.

Load - 500 c.f.h.
Service line pressure - 30 to 50 p.s.i.
Metering pressure - 10 p.s.i.*
Upstream regulator - 3/4" Reliance 268 Regulator 5/16" orifice
Relief valve - 1" Fisher 259H set at 15 p.s.i.
Meter - Canadian Meter ALA25, 25 W.P. or equivalent
Base pressure - 13.25 p.s.i.
Average atmospheric pressure - 13.00 p.s.i.
Pressure correction factor - $\frac{13.00 + 10.00}{13.25} = 1.736$

This service may be subject to "spot checks" by the Electricity and Gas Inspection Service at any time with reasonable notice.

This approval is temporary and will expire when permanent regulations pertaining to pressure factor measurement are put into effect.

W.J.S. Fraser

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

C.C. Mr. A. S. Park, D.I. of E&G Calgary, Alta.
Mr. W.A. Sayer, A/Dist. Inspector E&G, Winnipeg.

*NOTE: It is understood that it will be the Company practice to set the regulator with a flow-rate of 75% of the connected load where the load is variable and with a flow-rate of 100% of connect load where the load is essentially constant.

