



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

SPC-121

SS-27

SL-100-4

SS-85-9

SL-100-SPG

OTTAWA, July 27, 1971.

TEMPORARY SPECIAL APPROVAL

Granted to: Canadian Western Natural Gas Company Limited,  
170-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 - Spray Lakes Saw Mill  
Address - P.O. Box 100, Cochrane, Alberta  
Nature of Load - Heating and process load for mill and office.

Load - 500 c.f.h.  
Service line pressure - 40 - 50 p.s.i.  
Metering pressure - 10 p.s.i.\*  
Upstream regulator - 3/4" Reliance 268, 5/16" orifice  
Relief valve - 1" Fisher 289H set 15 p.s.i.  
Meter - Canadian Meter, AL425 25/2 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.

