



SPG-82

SL-100-G

SE-85-G

OTTAWA, January 5, 1971.

TEMPORARY SPECIAL APPROVAL

Granted to: Plains-Western Gas & Electric Co. Ltd.,
9924-63rd Avenue,
Edmonton 81, Alberta.

Attention: Mr. W. J. Litvinchuk, P. Eng.,
Engineer.

Subject: Use of Pressure Factor in Gas Metering Installations

Temporary Special Approval has been granted by the Standards Branch to Plains-Western Gas and Electric Company Ltd., to apply a pressure factor in the measurement of gas at the following installations under the stated conditions:

<u>Customer</u>	<u>Address</u>	<u>Peak Hour Load</u>
W. Andriashyic	NW $\frac{1}{4}$ -35-55-15-W4	167 CFH
G. Kapitski	SW $\frac{1}{4}$ -31-57-15-W4	278 CFH
W. Billey	SE $\frac{1}{4}$ -8-57-15-W4	167 CFH
N. Mikichuk	NE $\frac{1}{4}$ -5-57-15-W4	167 CFH

The following conditions will apply to each of the customers:

Pipe Line Pressure	1200 p.s.i.g.
Nature of load	Space heating
Service line operating pressure	10 p.s.i.g.
Metering pressure	10 p.s.i.g.
First stage regulator	1" Fisher 630 with 1/8" orifice set at 100 p.s.i.g.
Second stage regulator	1" Fisher 620 with 1/4" orifice set at 10 p.s.i.g.
Relief Valve	1" Fisher 1805-1
Meter	Canadian Meter AL425TC with 25 p.s.i. working pressure
Base Pressure	14.4 p.s.i.a.
Average Atmospheric Pressure	13.71 p.s.i.a.
Pressure Compensating Factor	1.646

Each of the customers is to be served from an individual tap and in each case the regulation equipment and the meter will be installed at the edge of the Alberta Gas Trunk right-of-way.

These services may be subject to "spot checks" by the Electricity and Gas Inspection Services 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.
Mr. J. M. Taylor, D.I. of E&G, Edmonton.
Mr. N. H. Young, Regional Supervisor E&G, Winnipeg.

