



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



SPG-173

1147-4

3585-3

OTTAWA, July 5, 1972

TEMPORARY SPECIAL APPROVAL

Granted to: I. & J. Gas Co-op. Ltd.,  
Jenner, Alberta.

Attention: Bell & Fenske Consulting Engineering Ltd.,  
5627-21st S.W.,  
Calgary, Alberta.

Subject: Use of Pressure Factor in Gas Metering  
Installations.

Temporary Special Approval has been granted by the Standards Branch to I. & J. Gas Co-op. Ltd., to apply a pressure factor in the measurement of gas at the following installations under the stated conditions which apply in all cases:

Nature of Load	Farmstead
Service Line Pressure	M.O.P. 50 psig
Upstream Regulator	3/4" Reliance 268 - 5/16" orifice
Base Pressure	Atmospheric plus 4 oz.
Average Atmospheric Pressure	2500' A.S.L. - 13.5 psi
Pressure Compensation Factor	<u>Av. Atmos. Press. + Regulator Press.</u> Base Pressure
Meter Type	Canadian Meter AL225 and AL425 positive displacement diaphragm meter
Downstream Regulator	3/4" x 1" Reliance 1633 B or 1833B 5/16" orifice. Full capacity internal relief - under pressure shut-off.

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



LIST OF INSTALLED TANKS

<u>Location</u>	<u>Size of Peak Load (C.F.M.)</u>	<u>Metering Pressure Psig.</u>	<u>Water</u>	<u>Pressure Compensation Factor</u>
SW-23-20-10-W4M	200	5 psig.	AL-225-5#	1.34545
NE-23-20-10-W4M	200	5	AL-225-5#	1.34545
SE-34-20-10-W4M	200	5	AL-225-5#	1.34545
NE-33-20-10-W4M	200	5	AL-225-5#	1.34545
NW-35-20-10-W4M	200	5	AL-225-5#	1.34545
SW-2-21-10-W4M	200	5	AL-225-5#	1.34545
NW-10-21-10-W4M	200	5	AL-225-5#	1.34545
NE-24-20-9-W4M	200	5	AL-225-5#	1.34545
NW-25-20-9-W4M	200	5	AL-225-5#	1.34545
NE-23-20-9-W4M	200	5	AL-225-5#	1.34545
NE-33-20-9-W4M	200	5	AL-225-5#	1.34545
SW-3-21-9-W4M	1000	10	AL-425-10#	1.70909
SW-3-21-9-W4M	200	5	AL-225-5#	1.34545
SW-10-21-9-W4M	200	5	AL-225-5#	1.34545
NE-15-20-9-W4M	200	5	AL-225-5#	1.34545
SW-10-20-9-W4M	200	5	AL-225-5#	1.34545
SE-7-20-9-W4M	200	5	AL-225-5#	1.34545
NW-31-19-9-W4M	200	5	AL-225-5#	1.34545
NE-32-19-9-W4M	200	5	AL-225-5#	1.34545
NE-27-19-9-W4M	200	5	AL-225-5#	1.34545
NE-19-19-9-W4M	200	5	AL-225-5#	1.34545
NW-22-19-9-W4M	200	5	AL-225-5#	1.34545
NW-16-19-9-W4M	200	5	AL-225-5#	1.34545
NE-7-19-9-W4M	200	5	AL-225-5#	1.34545
SE-8-19-9-W4M	200	5	AL-225-5#	1.34545
SW-10-19-9-W4M	200	5	AL-225-5#	1.34545



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



(for)

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

c.c. Mr. A. S. Park, Calgary  
Mr. W. A. Sayers, Winnipeg

