



SPC-174

1147-4

3585-3

OTTAWA, July 5, 1972.

TEMPORARY SPECIAL APPROVAL

Granted to: Orkney Gas Co-op. Ltd.,  
Drumheller, 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 Orkney 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 AL 225 and AL 425 positive displacement T.C. Diaphragm meters
Downstream Regulator	3/4" x 1" Reliance 1633B 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.



<u>Location</u>	<u>Size of Peak Load C.F.H.</u>	<u>Metering Pressure Psig.</u>	<u>Water</u>	<u>Pressure Correction Factor</u>	
NW -4-30-21-W4M	200	5	psig.	AL-225-5#	1.34545
NE -5-30-21-W4M	200	5		AL-225-5#	1.34545
NW -7-30-21-W4M	200	5		AL-225-5#	1.34545
SE -8-30-21-W4M	200	5		AL-225-5#	1.34545
SE-17-30-21-W4M	200	5		AL-225-5#	1.34545
NW-17-30-21-W4M	200	5		AL-225-5#	1.34545
NW-18-30-21-W4M	200	5		AL-225-5#	1.34545
NE-20-30-21-W4M	200	5		AL-225-5#	1.34545
NE-30-30-21-W4M	200	5		AL-225-5#	1.34545
NW-31-30-21-W4M	200	5		AL-225-5#	1.34545
SE-17-30-22-W4M	200	5		AL-225-5#	1.34545
SE-23-30-22-W4M	200	5		AL-225-5#	1.34545
NE-24-30-22-W4M	200	5		AL-225-5#	1.34545
SW-32-30-22-W4M	200	5		AL-225-5#	1.34545
SW-34-30-22-W4M	200	5		AL-225-5#	1.34545
SW-35-30-22-W4M	200	5		AL-225-5#	1.34545
SE -4-31-21-W4M	1000	10		AL-425-10#	1.70909
SW -6-31-21-W4M	200	5		AL-225-5#	1.34545
SE- 7-31-21-W4M	200	5		AL-225-5#	1.34545
SE-10-31-21-W4M	200	5		AL-225-5#	1.34545
SW-15-31-21-W4M	1000	10		AL-425-10#	1.70909
NE-19-31-21-W4M	200	5		AL-225-5#	1.34545
SE-20-31-21-W4M	200	5		AL-225-5#	1.34545
NW-30-31-21-W4M	200	5		AL-225-5#	1.34545
NE-31-31-21-W4M	200	5		AL-225-5#	1.34545
SE- 2-31-22-W4M	200	5		AL-225-5#	1.34545
SE- 3-31-22-W4M	200	5		AL-225-5#	1.34545
NE- 5-31-22-W4M	200	5		AL-225-5#	1.34545
SW- 4-31-22-W4M	200	5		AL-225-5#	1.34545
NW- 8-31-22-W4M	200	5		AL-225-5#	1.34545
NW-11-31-22-W4M	200	5		AL-225-5#	1.34545
SE-12-31-22-W4M	200	5		AL-225-5#	1.34545
SE-13-31-22-W4M	200	5		AL-225-5#	1.34545
NE-13-31-22-W4M	200	5		AL-225-5#	1.34545
NW-13-31-22-W4M	200	5		AL-225-5#	1.34545
SW-16-31-22-W4M	200	5		AL-225-5#	1.34545
SE-19-31-22-W4M	200	5		AL-225-5#	1.34545
SE-20-31-22-W4M	200	5		AL-225-5#	1.34545
NE-22-31-22-W4M	200	5		AL-225-5#	1.34545
SW-25-31-22-W4M	200	5		AL-225-5#	1.34545
SE-26-31-22-W4M	800	10		AL-425-10#	1.70909
NE-27-31-22-W4M	200	5		AL-225-5#	1.34545
SW-28-31-22-W4M	200	5		AL-225-5#	1.34545
SW-35-31-22-W4M	200	5		AL-225-5#	1.34545
NE-35-31-22-W4M	200	5		AL-225-5#	1.34545
SE-36-31-22-W4M	200	5		AL-225-5#	1.34545
SW- 6-32-21-W4M	200	5		AL-225-5#	1.34545
SW- 1-32-22-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.

