



SPG-175

1147-4

3585-3

OTTAWA, July 18, 1972.

TEMPORARY SPECIAL APPROVAL

Granted to: Diamond Valley Gas Co-op. Ltd.,  
Diamond Valley, Alta.

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 Diamond Valley 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:	3160 ASL - 13.17 psi
Pressure compensation factor:	<u>Av. Atmos. Press. + Regulator Pres:</u> Base Pressure
Meter Type:	Canadian Meter AL 225 and AL 425 positive displacement diaphragm meter as listed. All meters temperature compensated.
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 Poin.</u>	<u>Meter</u>	<u>Pressure Compensation Factor</u>
SW -5-38-3-W5M	200	5#	AL-225-5#	1.35394
SW-17-38-3-W5M	200	5#	AL-225-5#	1.35394
NW-17-38-3-W5M	200	5#	AL-225-5#	1.35394
NW-19-38-3-W5M	200	5#	AL-225-5#	1.35394
NW-21-38-3-W5M	200	5#	AL-225-5#	1.35394
NE-21-38-3-W5M	200	5#	AL-225-5#	1.35394
NW-22-38-3-W5M	200	5#	AL-225-5#	1.35394
SW-28-38-3-W5M	800	10#	AL-425-10#	1.72652
NE-29-38-3-W5M	200	5#	AL-225-5#	1.35394
NW-29-38-3-W5M	200	5#	AL-225-5#	1.35394
NW-31-38-3-W5M	200	5#	AL-225-5#	1.35394
SE-31-38-3-W5M	200	5#	AL-225-5#	1.35394
NW-32-38-3-W5M	200	5#	AL-225-5#	1.35394
NE-32-38-3-W5M	200	5#	AL-225-5#	1.35394
NW-34-38-3-W5M	200	5#	AL-225-5#	1.35394
NE- 1-38-4-W5M	200	5#	AL-225-5#	1.35394
SW-12-38-4-W5M	200	5#	AL-225-5#	1.35394
NE-23-38-4-W5M	200	5#	AL-225-5#	1.35394
SW-25-38-4-W5M	200	5#	AL-225-5#	1.35394
NW-25-38-4-W5M	200	5#	AL-225-5#	1.35394
NE-25-38-4-W5M	200	5#	AL-225-5#	1.35394
NE-26-38-4-W5M	1200	10#	AL-425-10#	1.72652
NE-26-38-4-W5M	200	5#	AL-225-5#	1.35394
NE-27-38-4-W5M	200	5#	AL-225-5#	1.35394
NW-36-38-4-W5M	200	5#	AL-225-5#	1.35394
NE-36-38-4-W5M	200	5#	AL-225-5#	1.35394
SW- 6-39-3-W5M	200	5#	AL-225-5#	1.35394
NW- 6-39-3-W5M	200	5#	AL-225-5#	1.35394
SE- 4-39-3-W5M	200	5#	AL-225-5#	1.35394
SE- 4-39-3-W5M	200	5#	AL-225-5#	1.35394
SW- 3-39-3-W5M	1200	10#	AL-425-10#	1.72652
SW- 3-39-3-W5M	200	5#	AL-225-5#	1.35394
NW -3-39-3-W5M	200	5#	AL-225-5#	1.35394
NE- 1-39-4-W5M	200	5#	AL-225-5#	1.35394
SW-12-39-4-W5M	200	5#	AL-225-5#	1.35394
NW-12-39-4-W5M	200	5#	AL-225-5#	1.35394
NE-11-39-4-W5M	200	5#	AL-225-5#	1.35394
SW-13-39-4-W5M	200	5#	AL-225-5#	1.35394
SE-14-39-4-W5M	200	5#	AL-225-5#	1.35394
SE-15-39-4-W5M	200	5#	AL-225-5#	1.35394
NE-15-39-4-W5M	200	5#	AL-225-5#	1.35394



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

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

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

