

SPG-162

SS-27  
S-100-G  
S-15-G  
S-100-G

May 17, 1972.

TEMPORARY SPECIAL APPROVAL

Granted to: Greater Winnipeg Gas Company,  
209 Notre Dame Avenue,  
Winnipeg 2, Manitoba.

Attention : Mr. W.P. Volie,  
Construction Engineer.

Subject : Use of Pressure Factor in Gas Metering Installation.

Temporary Special Approval has been granted by the Standards Branch to Greater Winnipeg Gas Company, to apply a pressure factor in the measurement of gas at the following installation under the stated conditions.

Customer	-Town of Beauséjour, Dept. of Public Works
Address	-Corner of 5th Street & Tach Avenue
Nature of Load	-Unit space heaters, plus a natural gas fueled standby generator reqd. max one pound pressure
Maximum Load	-500 SCFH
Service Line Pressure	-30 to 40 PSI
Metering Pressure	-1 PSIG
Upstream Regulator	-1 1/4" Sprague Model UL-31 3/16" orifice
Meter	-Canadian Meter AL-425
Pressure Correction Factor	$\frac{14.73 - 1.0}{14.73} = 1.052$
Relief Valve	-Fisher 1" 289H

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.

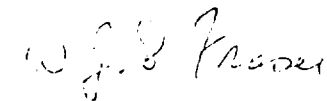
W.J.S. Fraser,  
Chief,  
Electricity & Gas Division.

cc: D.I. of E & G Winnipeg Manitoba W.A. Sayers



The Basic Orifice Factor  $F_b$  for these meter runs shall be calculated in accordance with Appendix B, Gas Measurement Committee Report #3 revision #3 American Gas Association, since interpolation from the tables can produce significant errors. The other factors for the flow calculations shall be taken from the tables in Report #3.

This approval is contingent upon the meter runs passing inspection of the Calgary District Office of Electricity and Gas.



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

c.c. Mr. A. S. Park, Calgary

