

SPR-123
SA-27

OTTAWA, August 10, 1961

TEMPORARY SPECIAL APPROVAL

Granted to: North Canadian Oils Limited
North Canadian Oil Building
215 Seventh Avenue, S.W.
Calgary 2, Alberta

Attention: Mr. W.K. Miller
Manager Gas Transmission

Subject: Use of Pressure Factor in Gas Metering Installation

Temporary Special Approval has been granted by the Standards Branch to North Canadian Oils Limited, to apply a pressure factor in the measurement of gas at the following installation under the stated conditions:

Customer - Branch Pole Company Ltd.
Address - P.O. Box 612, Edmonton, Alberta
Nature of Load - Process and heating load for pole treating plant and office.

Load - 3500 c.f.h.
Service line pressure - 400 psig
Metering pressure - 25 psig
Upstream regulators - 1) 1" Fisher 830 1/2" orifice to maintain a pressure of 300 psig.
2) 1" Fisher 830 1/2" orifice to maintain a pressure of 25 psig (set at approx. 27.0 c.i.n.)
Shut-off valve - 1" Fisher 18050 set 35 psig
Meter - Roots 34125 Rotary Positive Displacement gas meter with integral counter
Last pressure - 13.45 psi
Average atmospheric pressure - 13.20 psi
Pressure correction factor - $\frac{13.20 + 25.00}{13.45} = 2.610$

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

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c.c. Mr. A.S. Park, D.I. of E&G, Calgary, Alta.
Mr. W.A. Sayer, A. Dist. Inspector E&G, Winnipeg.

