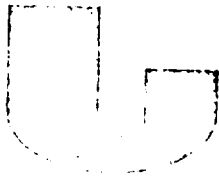


Department of consumer and corporate affairs / Ministère de la consommation et des corporations



SPG-154

3585-3

1147-4

OTTAWA, April 16, 1972

SPECIAL APPROVAL

Granted to: British Columbia Hydro & Power Authority,  
3777 Lougheed Highway,  
Burnaby 2, B.C.

Attention: Mr. W. A. Smith,  
Gas Division,  
Metro.

Subject: Use of Pressure Factor in Gas Metering  
Installation

Special Approval has been granted by the Standards Branch to British Columbia Hydro and Power Authority - Gas Division - to apply a pressure factor in the measurement of gas at the following installation under the stated conditions:

Name - Lougheed Mall

Address - 9800 Block Austin Road, Burnaby

Nature of Load - miscellaneous to six stores in shopping centre viz: The Bay, Safeway, Busy Bee Cleaners, Dandy's Restaurant, Old Dutch Bakery, Woolco

Total connected load 6,422 scfh

Distribution system pressure - 40 to 60 psig

Outlet pressure to six AL800 20# Canadian gas meters on common manifold 5 psig

Two stage regulation

Common pressure regulator for six meters - Reliance 1½", 2103 with 5/8" orifice set 5 psig

Overpressure protection regulator - Reliance 1½" #2403 with 15/16" orifice (see B.C. Hydro & Power drawing GT-6375)

Base Pressure 14.934 psia

Atmospheric Pressure 14.735 psia



Pressure Factor  $\frac{14.735 + 5.000}{14.934} = 1.321$

This service may be subject to "spot checks" by the Electricity and Gas Inspection Service at any time with reasonable notice and the approval may be withdrawn if it is deemed by the Standards Branch that the performance of the system is inadequate.

*W. J. S. Fraser*

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

c.c. Mr. R.G.D. Ward, Vancouver

