



SE-85-G
SL-100-SPG

(SPG-25 *min. Frosen request*)

OTTAWA, August 1, 1969.

TEMPORARY SPECIAL APPROVAL

Granted to: Plains Western Gas & Electric Co. Ltd.,
9924-63rd Ave.,
Edmonton 81, Alberta.

Subject: Metering of rural customers at distribution pressures.

Attention: Mr. G. Chelmick,
General Manager,
Plains Western Gas & Electric Co.

Temporary Special Approval is hereby granted by Standards Branch to Plains Western Gas and Electric Co. Ltd., to meter gas to rural customers at distribution pressures up to 10 psig subject to the following conditions:

(a) the gas may be metered by diaphragm type gas meters with ordinary registers and a multiplier applied to the registration to give a value equal to the number of cubic feet at Base Pressure. This multiplier shall be determined by the equation

$$\text{Multiplying factor} = \frac{\text{Average Atmos. Press} + \text{Regulated Press}}{\text{Base Press}}$$

(b) the gas may be metered by diaphragm type gas meters fitted with pressure compensated indexes where such a combination of meter and index is already in existence at the time of issuance of this approval. No other meters shall be fitted with pressure compensated indexes. The pressure from the regulator shall be adjusted to equal the Gear Ratio of the Pressure Compensated index times the Base Pressure

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(Note: The regulator shall not be adjusted to give the nominal pressure rating of the index unless that pressure exactly coincides with the value determined by the product of the Gear Ratio and the Base Pressure.

- (c) the system shall not be used for bulk metering and therefore the rated capacity of meters used under this approval shall not exceed 500 cu. ft./hr. (air)
- (d) the system as approved is intended for rural farm situations only
- (e) the written contract with each farmer shall show the pressure at which the gas is intended to be supplied
- (f) all such services shall be subject to "spot checks" by this department at any time with reasonable notice to the utility.

This approval shall be construed as granting Temporary Special Approval to pressure compensated indexes already fitted on meters owned by Plains Western Gas and Electric Co. Ltd. It is understood that the company will replace the Pressure Compensated Indexes with ordinary registers as soon as possible.

This Temporary Special Approval is expected to continue in force until suitable regulations concerning metering at distribution pressures have been established. However, the department reserves the right to rescind or modify the approval at any time.

W. J. S. Fraser

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

