



SP C-189

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SL-100-91
SL-100-46

OTTAWA, September 26, 1972.

SPECIAL APPROVAL

Granted to: Gaz Metropolitain, Inc.,
 1717 Du Havre,
 Montreal 134, P.Q.

Attention: Mr. A. Lodomez
 Superintendent of Measurement

Subject: Sidbec Remote Reading Meter Station

Special Approval has been granted by the Standards Branch to Gaz Metropolitain to install the following instruments in a remote reading system at Sidbec Meter Station:

1. Initially, two Rootsmeters Type 102H (later a third to be added) each fitted with a Canadian Base Volume Index Continuous Integrator Type #100. The BVI-CIs are fitted with Pulse transmitters and have an operational range of 0-200 psi and -30°F to +120°F.
2. A Fischer & Porter count summator unit, type 55CP1010-4 with #56665G003 Serializer, input, and interface to the Survey Recorder.
3. Model 35-1543 Fischer & Porter Gas Survey recorder which is fed pulses from the summator. The recorder is supplied by a 7.5 DC battery.
4. The summator also feeds into Total Flow (MCF) counters:
 - (i) at Sidbec, a mile from the meters proper, through an isolating relay
 - (ii) at Central Dispatch, forty miles from the meters proper, through a multiplex transmitter via a Beli Canada line.

The Gas Survey recorder although used for billing is primarily a device to determine the 24 hour demand. The main billing instruments will always be the BVI-CIs'.

This approval is subject to satisfactory testing and inspection of the total system when installed as well as inspection of the individual components in the meter. At approximately 12 months after the installation the system shall be re-inspected and a report issued to Standards Branch.

The check of the system shall essentially determine that all the pulses transmitted by the BVI-CIs' are received at the Gas Survey Recorder. Particular attention should be paid to ensuring that concurrent pulses are properly stored and accounted for.

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

c.c. Mr. J. B. Dumas, Montreal
D.I. of E&G, Montreal
Canadian Meter Company (Milton & Montreal)
Mr. N. Beattie, Hamilton

