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October 28, 1976

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GL 1141-57/G305

SPECIAL APPROVAL

Granted to: Gaz Métropolitain, Inc.,
 1717 du Havre,
 Montreal, Quebec.
 H2K 2X3

Attention: Mr. Andre Dubois,
 Superintendent of Measurement.

Subject: Sidbec Remote Reading Meter Station

Special Approval has been granted by the Legal Metrology and Laboratory Services Branch to Gaz Métropolitain, Inc., to install the following measuring instruments in a remote reading system at Sidbec Plant in Contrecoeur, Quebec.

1. Gas Meters

Two (2) Rockwell, Mark II, Model T-140 Turbine meters, Maximum working pressure 220 psig.

- (i) -Serial No. G-1200014 and
Inspection No. 173-239934
- (ii) -Serial No. G-1200015 and
Inspection No. 173-239935.

2. Auxiliary Instrumentation

A. Two (2) Canadian Meter Company Base Volume Index Continuous Integrators, Model 100, each fitted with a pulse transmitter Model 220. Pressure range 0-150 psig, temperature range -20 to +120°F.

- (i) Serial No. VCI-1711 and
Inspection No. 99-239944
- (ii) Serial No. VCI-1712 and
Inspection No. 99-239945.

- B. One (1) Fisher and Porter Count Summator, ^{Integrator}
Type 55CP3243-A24, Serial No. 7305B2083W1.
- C. One (1) Fisher and Porter Gas Survey Recorder,
Model 35-1543, Serial No. 7402B2054X6, Inspection
No. 184-239971. The recorder, powered by a 7.5
volt battery, receives pulses from the Count
Summator.

The Count Summator also feeds information into Total Flow ^(Volume)
(MCF) Counters located at:

- (a) Sidbec control room, through an isolating relay.
- (b) Central Dispatch of Gaz Metropolitan via a direct Bell Canada transmission line.

The Gas Survey Recorder, although used for billing, is primarily a device to determine the 24 hour demand. The main billing instruments will be the Base Volume Index Continuous Integrators.

This approval is subject to satisfactory testing and inspection of the total system when installed as well as inspection of the individual components. At approximately 12 months after the installation the system shall be re-inspected and a report issued. Unsatisfactory performance must be reported 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 and are properly stored and accounted for.



D.L. Smith,
Chief,
Electricity and Gas Division.

c.c. Mr. J. B. Dumas, Regional Supervisor, Quebec
Mr. P. Lebeau, D.I., Montreal
Mr. G. F. Wilson, Canadian Meter Company