



Consumer and  
Corporate Affairs Canada

Consommation et  
Corporation Canada

Consumer Standards  
Directorate

Direction générale  
des normes

SPG-256

OTTAWA, Ontario  
K1A 0C9

December 18, 1979

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*Our file* *Notre référence*

G 6635-G305

SPECIAL APPROVAL

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

Attention: Mr. André Dubois,  
Contremaître, Atelier des compteurs,  
Section instrumentation

Subject: Sidbec Dosco Remote Reading Meter Station

Special Approval has been granted by the Legal Metrology Branch to Gaz Metropolitain, Inc., to install the following measuring instrument in a remote reading system at Sidbec Dosco, Contrecoeur, Quebec.

1. Gas Meter

Turbine meter	GT-8
Max. working pressure	575 psig
Manufacturer	Canadian Meter Company
Serial number	77-14231
Inspection number	475-270711

2. Auxiliary Instrumentation

(a) Base Volume Index Continuous

Integrator	BVI-CI
Model	100
Manufacturer	Canadian Meter Company
Pressure range, psig	0-500
Serial number	VCI-2831
Inspection number	99-234883

(b) Pulse Transmitter-fitted to BVI-CI:

Model number	320 (Mark III)
Manufacturer	Canadian Meter Company

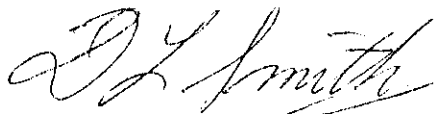
(c) Gas Survey Recorder:  
Manufacturer Fisher & Porter Ltd.  
Model number 35-1543  
Serial number 7902H0095M2  
Inspection number 184-290874

The pulse transmitter feeds the corrected volume information of the Base Volume Index, through an isolating relay, to the Fisher & Porter gas recorder located adjacent to the turbine meter. (See figure 1).

The Gas Survey Recorder is primarily a device to indicate the 24 hour demand at a remote location. The billing instrument will be the Base Volume Index Continuous Integrator.

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 the Legal Metrology Branch.

The check of the system shall essentially determine that all the pulses transmitted by the BVI-CI are received at the Gas Survey Recorder and are properly stored and accounted for and that the performance of the BVI-CI is not affected by the addition of the auxiliary system.



D. L. Smith  
Chief,  
Electricity and Gas Division

c.c. Mr. J. B. Dumas, Regional Manager, Quebec  
Mr. P. Lebeau, D.I. Montreal

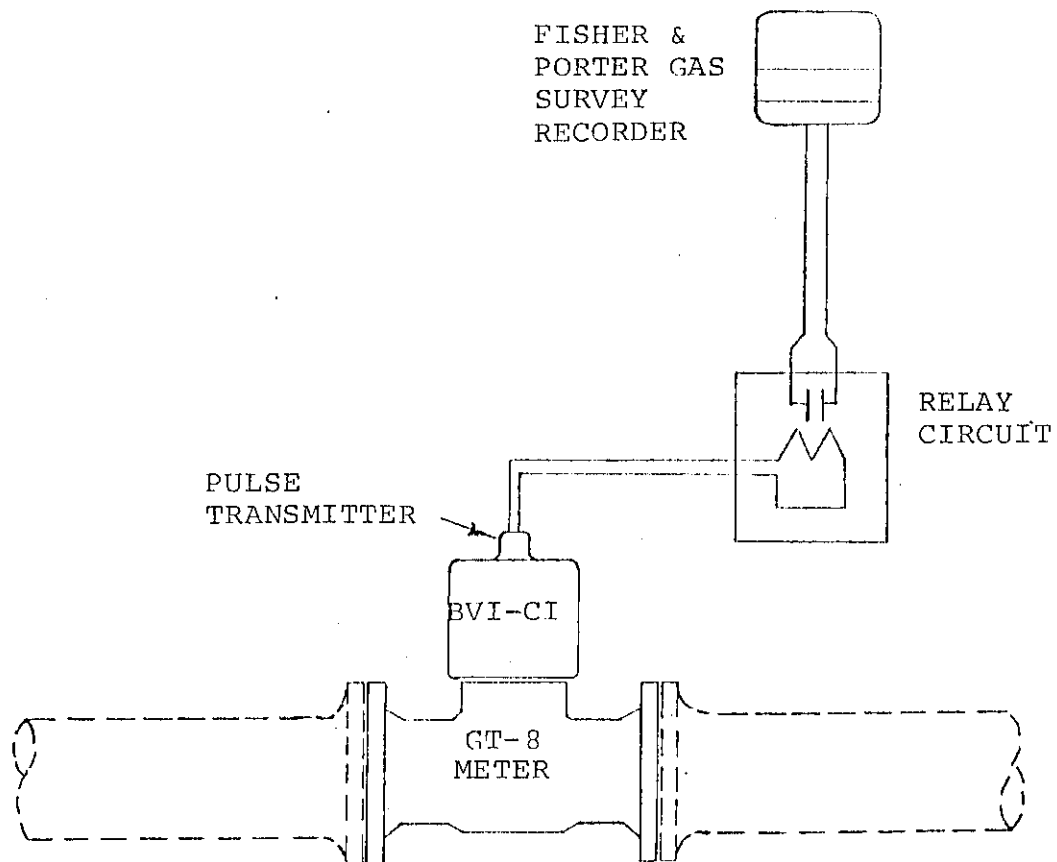


Fig. 1. SCHEMATIC DIAGRAM OF THE INSTALLATION