



Consumer and
Corporate Affairs Canada

Consommation et
Corporation Canada

Consumer Standards
Directorate

Direction générale
des normes

SPG-255

OTTAWA, Ontario
K1A 0C9

December 18, 1979

Your file *Votre référence*

Our file *Notre référence*

G 6635-G305

SPECIAL APPROVAL

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

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

Subject: Reichhold Chemical Remote Reading Meter Station

Special Approval has been granted by the Legal Metrology Branch to Gaz Métropolitain, Inc., to install the following measuring instruments in a remote reading system at Reichhold Chemical, Ste-Thérèse.

1. Gas Meters

Two (2) Rockwell, Mark II, Model T-18 Turbine Meters,
Maximum working pressure 125 psig.

(i) Serial No. G-400220
Inspection No. 170-257782

(ii) Serial No. G-400004
Inspection No. 170-244151

2. Auxiliary Instrumentation

A. Two (2) Canadian Meter Company Base Volume Index
Continuous Integrators, Model 100. Pressure range
0 - 45 psig.

(i) Serial No. VCI-3707
Inspection No. 98-270210

(ii) Serial No. VCI-3779
Inspection No. 98-270563

B. Two (2) Canadian Meter Company Pulse transmitters,
Model 320

- C. One (1) Fisher and Porter Count Summator, Model 3200, Type 55CP3000, Serial No. 7305B2077 w2.
- D. One (1) Fisher and Porter Gas Survey Recorder, Model 35-1543, Serial No. 7402B2054X3, Inspection No. 184-237220.

The Count Summator accepts and totalizes the flow represented by pulses emitted by the two (2) Base Volume Indexes. In addition, the Summator totalized volume is transmitted to the Gas Survey Recorder where it is recorded. (See Fig. 1.)

The Gas Survey Recorder is primarily a device to indicate the 24 hour demand at a remote location. The main billing instrument 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 the Legal Metrology 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 and that the performance of the BVI-CIs 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.M., Montreal

FISHER & PORTER
COUNT SUMMATOR

FISHER & PORTER
GAS SURVEY RECORDER

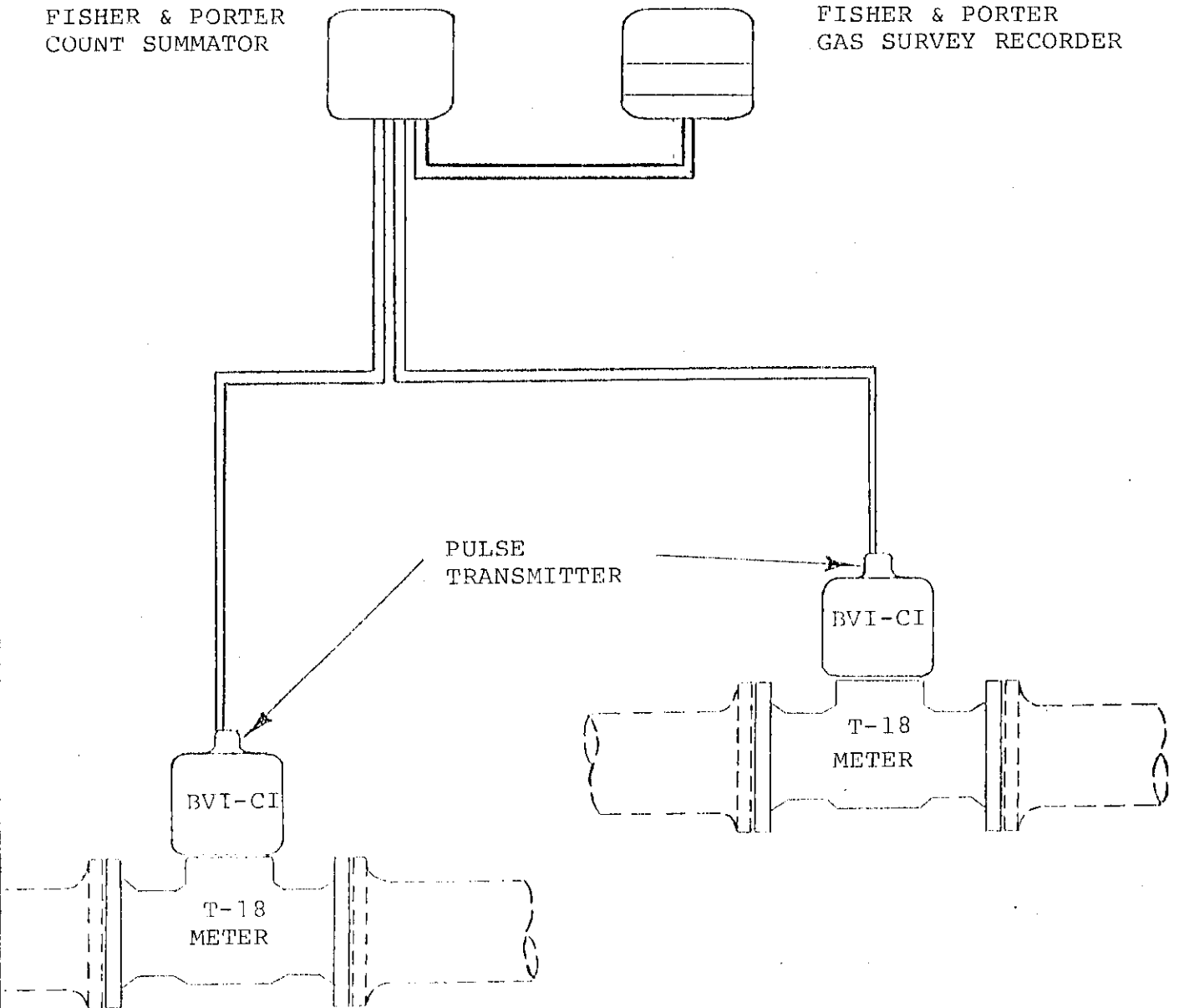


Fig. 1 SCHEMATIC DIAGRAM OF THE INSTALLATION