

OTTAWA, June 15, 1978

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G66 35-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: Ciment Lafarge 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 Ciment Lafarge in St. Constant, Quebec.

1. Gas Meter

Turbine meter	T-30-FS, Mark II
Max. working pressure	175 psig
Manufacturer	Rockwell International
Serial number	G-640005
Inspection number	451-229876

2. Auxiliary Instrumentation

(a) Base Volume Index	
Continuous Integrator:	BVI-CI
Model	100
Manufacturer	Canadian Meter Company
Pressure range, psig	0-1000
Serial number	VCI-591
Inspection number	99-230884

- (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 7507HO327M7
Inspection number 184-257863

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 and to the remote readout counter installed in Ciment Lafarge control room. (See figures 1 and 2)

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 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. Duma, Regional Manager, Quebec
Mr. P. Lebeau, D.I. Montreal

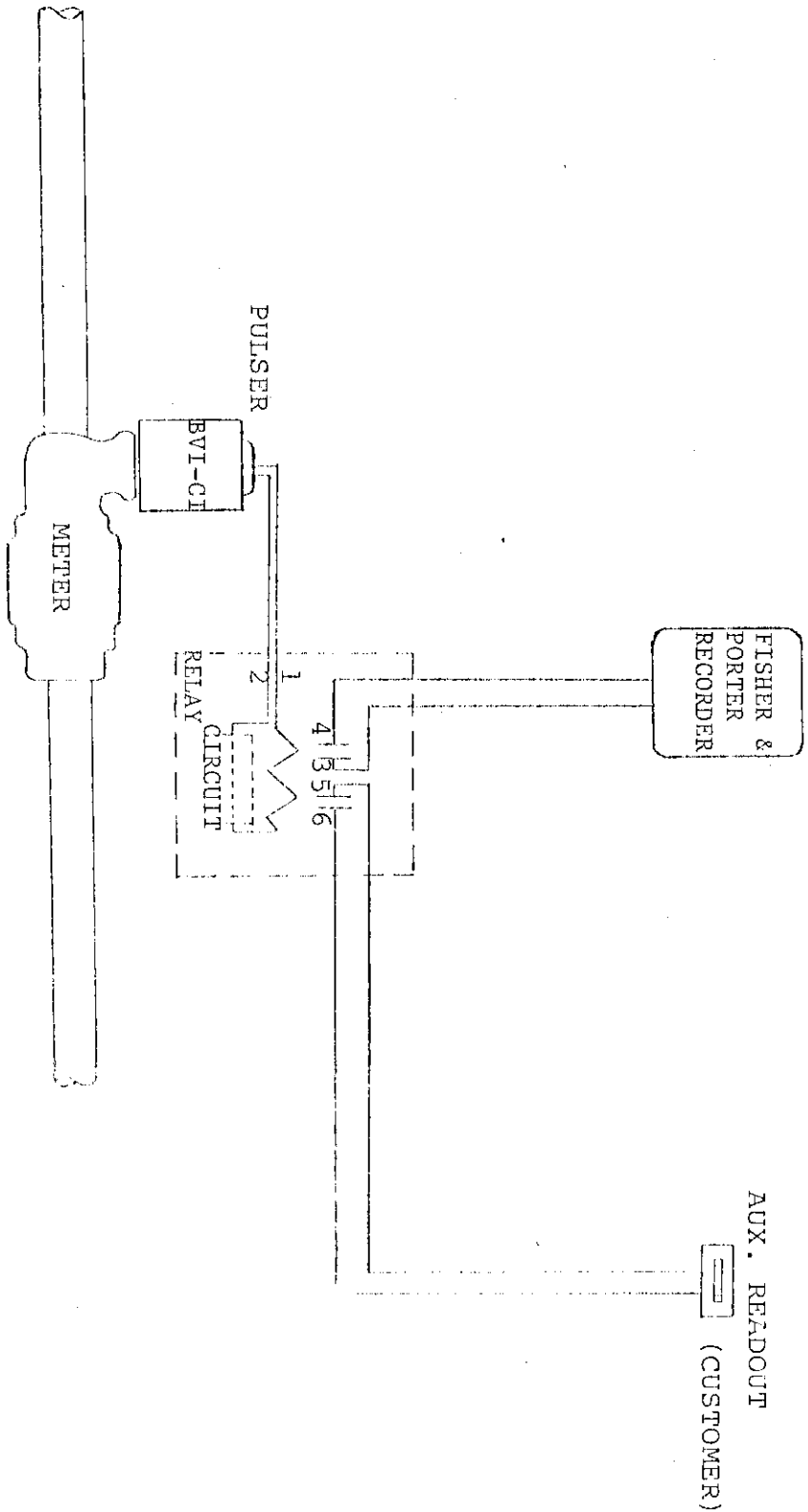


Fig. 1. SCHEMATIC DIAGRAM OF THE INSTALLATION

Fig. 2. ISOLATING RELAY (RY2)

PULSER POUR INSTRUMENTATION AVEC CIRCUIT D-URGENCE
1 ENTREE, 2 SORTIES

