



Consumer and
Corporate Affairs Canada

Consommation
et Corporations Canada

Legal Metrology
Branch

Direction de la
Métrologie légale

Holland Avenue
Ottawa, Ontario
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Your file *Voire référence*

Our file *Notre référence*

Telephone: (613)952-0639

File N°: 06635
Project: AP-GL-91-0020

1991-07-23

Mr. Rod Soviak
Centra Gas (Manitoba) Inc.
444 St. Mary Avenue
Winnipeg, Manitoba
R3C 3T7

Dear Mr. Soviak,

This is in response to your recent notification given in accordance with the Electricity and Gas Inspection Regulations, Section 13. It is noted that the meters listed in the appendix hereto are to be fitted with plastic index covers.

• See attached Appendix

I am advised by the Gas Metrology Laboratory that their evaluation of the proposed modifications indicates that they may be regarded as immaterial in relation to the approval provisions of the Act. Accordingly, your notification is acknowledged and the modifications are accepted as being included within the above-noted approval. All recipients of the approval notice are being informed by copy of this letter.

Yours truly,

W.R. Virtue, Chief
Legal Metrology Laboratories

cc: Approvals Mailing List

APPENDIX

C.M.C.

<u>Approval Notice Number</u>	<u>Meter Type</u>	<u>Index Cover Model Number</u>
G-47	AL-175	A101
G-125	AL-225	"
G-5	AL-250	"
G-23	AL-425	"
S-GA.237/.251	AL-800	A103
G-29 SERIES	AL-1000	"
S-GA.258/.261	AL-1400	"
S-GA.235/.266	AL-2300	"
S-GA.230/.246	AL-5000	"
SD-GA.54/.60/.89	5B-225	A101

ROCKWELL

<u>Approval Notice Number</u>	<u>Meter Type</u>	<u>Index Cover Model Number</u>
SD-GA.30	RC-150	R-103, R-104
G-37	RC-175	"
G-53	RCS-175	"
SD-GA.105/.108/.158	RC-210	"
G-32	RC-225	"
G-117, AG-292	RC-230	"
SD-GA.70/.153	TYPE 250	"
SD-GA.73/.153	TYPE 310	"
G-153	RC-415	"
G-60	RC-750	R-105
G-94	RC-1000	"
G-138	RC-1600	"
G-145	RC-3000	"
G-101	RC-5000	"
G-98	TP-4, TP-9	"
G-33 SERIES	T-18, T-30, T-60, T-140	"

SPRAGUE

<u>Approval Notice Number</u>	<u>Meter Type</u>	<u>Index Cover Model Number</u>
G-43	SP175	S-105
G-43	SP240	"
G-43	SP250	"
G-44 (series)	SP400	"



DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

G-5

OTTAWA April 26 1965

NOTICE OF APPROVAL

FOR

CANADIAN METER COMPANY, TYPE AL-250, TEMPERATURE COMPENSATED
ALUMINUM CASE POSITIVE DISPLACEMENT GAS METER

Apparatus

Badged capacity at 60°F.	200 cu. ft./hr. (air)
Differential pressure at badged capacity	0.5" water gauge
Capacity per revolution	0.111 cu. ft.
Working pressure	5 p.s.i.
Tangent to 2 cu. ft. test dial revolution ratio ..	3:1
Base temperature	60°F.
Compensating tangent activity	0.0014"/°F.
Diaphragm types	D3 or D7B
Connections (male)	1 1/4"

Description

The meter approved herein is identical to the type AL-250 Gas Meter, approved in Circular S-GA.314, dated March 15, 1965, except for the following alterations:

- a) The conventional double adjustable tangent is replaced by the temperature compensating tangent illustrated herein.
- b) The index dial plate contains the inscription "Temp. Comp. Cu. Ft. at 60°F."

Only diaphragms, type Duramic D3 or D7B, shall be used.

In operation the tangent length changes with the temperature change of the flowing gas, thus automatically adjusting the stroke of the diaphragms. The rate of change of tangent length with temperature is suitably chosen, so that irrespective of the temperature of the flowing gas, meter registration indicates volume passed at 60°F.

Approval granted to:- The Canadian Meter Co., Milton and Edmonton.

W.J.S. Fraser
W.J.S. Fraser,
Chief, Standards Laboratory,
Standards Branch.

H. Cryer
H. Cryer,
Chief, Electricity & Gas Division,
Standards Branch.

Ref: SL-100-67

CANADIAN METER COMPANY, TYPE AL-250, TEMPERATURE COMPENSATED
ALUMINUMCASE POSITIVE DISPLACEMENT GAS METER

G-5





Department of consumer and corporate affairs / Ministère de la consommation et des corporations



STANDARDS BRANCH - DIRECTION DES NORMES

**NOTICE OF APPROVAL
AVIS D'APPROBATION**

G-5-1

OTTAWA September 20, 1974

**CANADIAN METER COMPANY, TYPE AL-250, TEMPERATURE COMPENSATED
ALUMINUMCASE POSITIVE DISPLACEMENT GAS METER**

Apparatus

Badged capacity at 60°F	200 cu. ft./hr. (air)
Differential pressure at badged capacity	0.5" water gauge
Capacity per revolution	0.111 cu. ft.
Working pressure	5 p.s.i.
Tangent to 2 cu. ft. test dial revolution ratio	18:1
Base temperature	60°F
Compensating tangent activity	0.00125"/°F
Diaphragm types	D3 or D7B
Connections (male)	1½"

Description

The manufacturer introduced a dimensional change to the temperature compensating tangent for this gas meter. The width of the bimetal band material has been changed from 0.468 inches to 0.346 inches. Other dimensions remain unchanged.

The tangent activity value has changed to 0.00125 inches per degree Fahrenheit and this value assures performance of the meter within acceptable limits.

Except for the changed activity value, Approval Notice G-5, dated April 26, 1965, remains in force.

Approval granted to:

Canadian Meter Company,
Milton and Edmonton.

J. L. Armstrong, P. Eng.,
Chief, Standards Laboratory,
Metrology and Laboratory Services.

D. L. Smith, P. Eng.,
Chief, Electricity & Gas Division

Ref: GL 1147-57/C6-68



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Legal Metrology Laboratories
Telephone: (613) 952-0639

Your file Votre référence

Our file Notre référence

O6635
AP-GL-88-0034
November 3, 1988
AML-G-42

B.C. Gas Inc.
3777 Lougheed Highway
Burnaby, British Columbia
V5C 3Y3
Attention: Mr. M.B. Tarr

→ previously
B.C. Hydro

Dear Mr. Tarr:

This is in response to your letter dated October 13, 1988, regarding Notice of Approval G-69 and G-71 Rev. 1 and proposing to modify the VP and VPT recorders approved therein by including the volume scallop per cycle of 100,000 cubic feet.

I am advised that, upon evaluation of the proposed modifications, the Gas Laboratory has concluded that they may be regarded as immaterial in relation to the approval provisions of the Electricity and Gas Inspection Act. Accordingly, pursuant to the authority delegated to me under the said Act:

1. your letter is hereby acknowledged as satisfying the notification requirements of section 13, Part III of the Electricity and Gas Inspection Regulations, SOR/86-131, 16 January, 1986, and
2. the proposed alteration is hereby accepted, in accordance with the aforementioned section, as being an immaterial one and hence included within the approval.

All recipients of Notices of Approval under the Electricity and Gas Inspection Act are being informed of this decision by copy of this letter.

Yours truly,

W.R. Virtue
Chief

cc: Mailing List (Gas Approvals)

Canada