



Consumer and
Corporate Affairs

Consommation et
corporations

Standards

Normes

**NOTICE OF APPROVAL
AVIS D'APPROBATION**

G-29-2

Ottawa, August 7, 1979

**CANADIAN METER COMPANY METRIC TYPE AL M 1000
ALUMINUM CASE, STANDARD AND TEMPERATURE COMPENSATED
POSITIVE DISPLACEMENT GAS METER**

This Approval supplements Notice of Approvals G-29 and G-29-1.

Apparatus

Rated air capacity at 0.125 kPa:	23 m ³ /h ₃	
Capacity per tangent revolution:	11.1 dm ³	
Tangent to test dial rev. ratio:	9:1	
Max. working pressure:	170 and 700kPa *	
Compensating tangent Activity (T.C. meter):	0.08001 mm/°C	
Base temperature (Temp. comp. meter):	15°C	
Undergear assembly:	54871G006	
Gear ratio:	9:1	
Register types:	Clock*	Cyclometer*
(i) Part number:	54882G001	52170G002
(ii) Faceplate designation:	B399	RM 108-0.1
(iii) Register capacity:	99 999	999 999
(iv) No. of registering dials/drums:	5	6
(v) Test dial capacity:	0.1m ³ /rev.	0.1m ³ /rev.
Meter connections:		
(I) Working pressure 170kPa:	1½" M.C.	
(II) working pressure 700kPa:	1½" F.P.T.	

- *Notes:
1. Any meter equipped with the specified register alone is approved for measurement of gas at pressures up to 3kPa only, unless the meter is used for pressure factor metering.
 2. Any meter which measures gas at pressures above 3kPa but is not used for pressure factor metering, must be equipped with an approved auxiliary pressure correcting device.

Description

This meter is basically of the type and construction as the meter approved in the Notice of Approvals listed above, except for the changes to the undergear assembly, the register and the nameplate due to meter metrication.

Each meter shall have a nameplate containing the following information:

- (1) Manufacturer's name.
- (2) Model designation.
- (3) Manufacturer's serial number.
- (4) Rated capacity, m³/h at 0.125 kPa, differential.
- (5) Maximum working pressure.
- (6) Temperature compensated type meters shall have a red background badge with the following₃ applicable additional information: "Temp. Comp. m³ at 15°C."

Caution shall be exercised to ensure that metric registers are only put on meters which incorporate the metric undergear assembly.

Sealing of the meter shall be in accordance with Technical Gas Circular G-76-1. Any meter intended for operation on low distribution pressure or for PFM application without an auxiliary attachment shall have the register sealed to the meter at the time the meter is verified or re-verified.

Approval granted to:

Canadian Meter Company,
Milton, Ontario and
Edmonton, Alberta.



D.L. Smith,
Chief, Electricity & Gas Division,
Legal Metrology Branch.

Ref: 6635-C6-23