



Consumer and
Corporate Affairs

Consommation et
corporations

Standards

Normes

**NOTICE OF APPROVAL
AVIS D'APPROBATION**

G-23-2

Ottawa, August 7, 1979

CANADIAN METER COMPANY METRIC TYPE AL M 425
ALUMINUM CASE, STANDARD AND TEMPERATURE
COMPENSATED POSITIVE DISPLACEMENT GAS METER

This Approval supplements Notice of Approvals G-23 and G-23-1.

Apparatus

Rated air capacity at 0.125 kPa:	9.6 m ³ /h
Capacity per tangent revolution:	5.56 dm ³
Tangent to test dial rev. ratio:	9:1
Max. working pressure:	70 and 170 kPa*
Compensating tangent activity (T.C. meter):	0.06309 mm/°C
Base Temperature (Temp. comp. meter):	15°C
Worm gear assembly:	
(i) Worm part number:	58108P057
(ii) Gear part number:	44661P019
(iii) Gear ratio:	9:1
Register type:	Cyclometer*
(i) Part number:	52142G005
(ii) Faceplate designation:	B654
(iii) Register capacity:	99 999 m ³
(iv) No. of registering drums:	5
(v) Test dial capacity:	.05 m ³ /rev.
Meter connections, male:	1"; 1½", 1½"

* This meter is approved for measurement of gas at pressures up to 3 kPa only, unless it is used for pressure factor metering application.

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 worm gear 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 following 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 worm gear assembly.

Sealing of the meter shall be in accordance with Technical Gas Circular G-76-1. In essence, for this particular meter, the sealing "filament" shall pass through one screw head on each of the following parts: register, top meter cover and hand-hole cover.

Approval granted to:

Canadian Meter Company
Milton Ontario
and Edmonton, Alberta



D. L. Smith, P.Eng.,
Chief, Electricity and Gas Division
Legal Metrology Branch

Ref: G 6635-C6-23