



**NOTICE OF APPROVAL
AVIS D'APPROBATION**

G-65-5

Ottawa, November 1, 1976

CANADIAN METER COMPANY, SERIES CVM, MODEL 3.5M
ROTARY, POSITIVE DISPLACEMENT GAS METER WITH
MODIFIED CARTRIDGE

This approval is supplementary to the Notices of Approval G-65, G-65-1 and G-65-3 with respect to the model 3.5M only.

Apparatus

Model	3.5*M
Rated Capacity, cu. ft. per hour	3500
Gear Box Assembly:	
(i) Approved Part No.	55933G001*
(ii) Approved gear ratio	239.167:1
Capacity per rev. of meter output shaft, cu. ft.	10*
Maximum working pressure, psig	125
Meter connections, flange	2"

* This information must be stamped on the frame of the gear assembly for identification purposes.

Description

This meter is similar to the 3.5CVM meter approved previously in the Circulars listed above, except for the following internal changes to the cartridge:

1. The six-piece rotor is replaced by a one-piece casting.
2. The one-piece gate is replaced by a two-piece gate.
3. The roller and timing gears are now made of a carbon filled nylon material, replacing the delrin gears of former manufacture.
4. The new design cartridge assemblies will have the letter "R" in the cartridge number, replacing the existing letter "C".

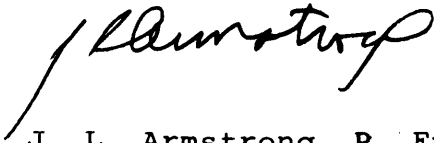
The new rotor and gate assemblies are interchangeable with existing assemblies. However, the new two-piece gate must always be used with the one-piece rotor.

All meters accepted for service shall have the housing of the gear train assembly, between the cartridge and the register drive shaft, sealed by the inspector to the end bell casting. Other requirements of Circular G-65-1 apply.

It shall be the responsibility of the utility to seal the end bell casting to the meter body.

Approval granted to:

Canadian Meter Company,
Milton, Ontario.



J. L. Armstrong, P. Eng.,
Chief, Standards Laboratory,



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