



Consumer and
Corporate Affairs

Consommation et
corporations

Standards

Normes

**NOTICE OF APPROVAL
AVIS D'APPROBATION**

G-64-8

Ottawa, July 16, 1979

**CANADIAN METER COMPANY, METRIC SERIES GT AND GT-F
TURBINE GAS METERS**

This Approval supplements Notices of Approvals G-64-1 and G-64-7 inclusive.

Apparatus

Models:	MGT-4 MGT-F-4	MGT-6 MGT-F-6	MGT-8 MGT-F-8	M12GT-150M
Rated Capacity at line conditions, m ³ h:	500	850	1700	4300
Gear Train Assembly:				
(i) Part numbers:	54548G008 54548G011*	54548G009 54548G012+	54548G010 54548G013+	54548G018
(ii) Intermediate gear ratio	16.50:1	25.21:1	48.55:1	9.72:1
* For working pressures of 5000 kPa and above.				
+ For working pressures of 4000 kPa and above				
Capacity per rev. of meter output shaft, m ³	1.0	1.0	10	10
Registers, cyclometer type:				
(i) Part number;	52171G002	52171G002	52178G002	52178G002
(ii) Faceplate designation:	RM108-1.0	RM108-1.0	RM108-10	RM108-10
(iii) Register capacity, m ³	9 999 990	9 999 990	99 999 900	99 999 900
(iv) Test dial capacity, m ³ /rev:	1.0	1.0	10	10
Registers, clock type:				
(i) Part number:			54884G001	54884G001
(ii) Faceplate designation:			B401	B401
(iii) Register capacity, m ³ :			9 999 990	9 999 990
(iv) Test dial capacity, m ³ /rev			10	10

Meter connections, flange:	4"	6"	8"	12"
Maximum approved working pressure, kPa:	900,2000 4000,5000 10 000	900,2000 4000,5000 10 000	900,2000 4000,5000 10 000	900,2000 5000,10 000

The working pressure is dependent on the Case Material, as follows:

1. All M12GT-150M model cases are made of steel, regardless of pressure.
2. For all other models the following information applies:

<u>Working Pressure, kPa</u>	<u>Case Material</u>
900	Aluminum
2000,4000	Ductile Iron
5000, 10 000	Cast Steel

The cartridge top plate material is dependent on the working pressure and the meter size, as follows:

<u>Working Pressure, kPa</u>	<u>Top Plate Material</u>		
	4"	6"	8"
900,2000	Alum.	Alum.	Alum.
4000,5000	Alum.	Steel	Steel
10 000	Alum.	Steel	Steel
		12"	
900		Alum.	
2000,5000, 10000		Steel	

Description

The meters as listed above are essentially the same in design and construction as those previously approved. However, the gear train assemblies have been modified to permit the readout to be in metric units.

The metric registers as listed are cyclometer and clock type in design. The units of measurement, "cubic metres" appear on the index fact plate and the index part number appears on the backplate.

Cyclometer Type:

The cyclometer type metric registers are fabricated from black moulded plastic material. The aluminum face plate of this register has black markings on a silver-grey background.

Clock Type:

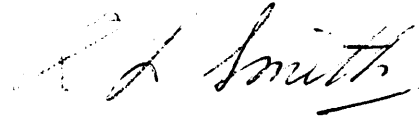
The internal gear train and the frame for these registers is brass. Marker pinions which extend through the index backplate provide the mechanical link to VP or VPT gauge.

Markings on the metal faceplate are black on a white background. Directional arrows and dial hand capacities per revolution appear on the faceplate.

All other provisions and stipulations contained in Notices of Approval as listed above pertaining to Canadian Meter Company turbine meters remain in force.

Approval granted to:

Canadian Meter Co. Ltd.,
Milton, Ontario and
Edmonton, Alberta



D.L. Smith,
Chief,
Electricity and Gas Division.

Ref: G6635-C6-25

