



Consumer and
Corporate Affairs

Consommation et
corporations

Legal Metrology

Métrologie Légale

Standards Building
Holland Avenue
Ottawa, Ontario
K1A 0C9

G-64-11

Approval No. d'approbation

Ottawa, April 16, 1981

NOTICE OF APPROVAL – AVIS D'APPROBATION

CANADIAN METER COMPANY

METRIC SERIES GT AND GT-F TURBINE GAS METERS

This Approval supplements Notice of Approval G-64-8 dated July 19, 1979.

This approval concerns the increase of the working pressure 900 kPa to 1200 kPa.

Apparatus

Models:	MGT-4	MGT-6	MGT-8	M12GT-150M
	MGT-F-6	MGT-F-6	MGT-F-8	
Rated capacity at line conditions, m ³ /h:	500	850	1700	4300
Maximum approved working pressure, kPa:				
	1200, 2000			1200, 1900
	4000, 5000			5000, 10 000
	10 000			

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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>
1,200	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>		
	<u>4"</u>	<u>6"</u>	<u>8"</u>
1200, 2000	Alum.	Alum.	Alum.
4000, 5000	Alum.	Steel	Steel
10 000	Alum.	Steel	Steel
		<u>12"</u>	
1200		Alum.	
1900, 5000, 10 000		Steel	

Description

The increasing of the 700 kPa working pressure to 1200 kPa for the 4", 6", 8" and 12" size meters involves a change in badging to reflect this pressure increase.

For the 8" meter size only, in addition to revised badging requirements, the 8" meter body has been strengthened by having the thickness of the body wall increased to 0.50" from 0.44".

The pressure increase will not affect internal dimensions of the meter bodies; consequently, meter accuracy will not be affected.

Description (Continued)

Unrelated to the increase of 700 kPa working pressure to 1200 kPa, the 12" size meter's working pressure of 2000 kPa has been readjusted to 1900 kPa. Except for the above, all other information as contained in G-64-8 remains intact.

Approval granted to: Canadian Meter Co. Ltd,
Milton, Ontario
and
Edmonton, Alberta.



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

Ref: G6635-C6-25

