Consumer and Corporate Affairs | Consommation et corporations
Legal Metrology | Mètrologie Lègale

G-64-9
Approval No. d'approbation

Ottawa , February 27, 1981

NOTICE OF APPROVAL – AVIS D'APPROBATION

CANADIAN METER COMPANY, MODELS GT-8 AND GT-F-8 TURBINE METERS

This approval supplements Notices of Approval G-64, G-64-3, G-64-5 and G-64-6.

Apparatus

Models:		GT-8 GT-F-8	
Rated capacity, ft^3/h at line conditions:		60,000	
Capacity per revolution of meter output shaft, ft^3	100	or	1000
125,300 psig working pressure:			
(i) Gear train Part No:	54548G015		54548G005
(ii) Cartridge Part No:			
125 psig:	54776G037		54776G004
300 psig:	54776G025		54776G035
575,720,1440 psig working pressure:			
Gear train Part No:	54548G015		54548G003

Description

This Notice of Approval covers the introduction of a 100 ft^3/rev. of meter output for both 8 inch models, GT-8 and GT-F-8.

The 125 and 300 psig working pressure meters with the 100 ft^3/rev. output require new cartridges which have the new gear train as part of the cartridge assembly. These cartridges incorporate a thicker top plate that houses a stronger magnet required to provide the necessary driving torque for the new gear train. The new cartridges must be installed with the proper size and length of bolts, as specified on the manufacturer's parts list RPL-330A.

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The 575,720, and 1440 psig working pressure meters with the 100 ft^3/rev. output require a change only in the gear train.

The appropriate volume per revolution of the output shaft shall be permanently and clearly displayed on the cartridge toplate or instrument drive housing.

Direction of rotation of output shaft is clockwise when looking at it directly from above.

The 100 ft^3/rev. option may be incorporated into the meter at the time of manufacture of the meter, or upon converting an existing in-service meter equipped with the 1000 ft^3/rev. to 100 ft^3/rev. (or vice cersa).

All other provisions and stipulations contained in the Notices of Approval G-64, G-64-3, G-64-5 and G-64-6 remain in force.

Approval granted to: Canadian Meter Company,
Milton, Ontario,

and

Edmonton, Alberta.

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

Ref: G6635-C6-25