



Consumer and
Corporate Affairs

Consommation et
corporations

Standards

Normes

**NOTICE OF APPROVAL
AVIS D'APPROBATION**

G-102-4

Ottawa, January 4, 1978

ROMET LIMITED
SERIES RM 7000 AND RM 11000
ROTARY STANDARD, ROTARY STANDARD
WITH INSTRUMENT DRIVE
ROTARY TEMPERATURE COMPENSATED AND
ROTARY TEMPERATURE COMPENSATED WITH INSTRUMENT DRIVE
FOR HORIZONTAL AND VERTICAL MOUNTING

This approval supplements Notices of Approval G-102, G-102-1, G-102-2 and G-102-3.

Apparatus

<u>Model</u>	<u>Max. Working Pressure</u> psig	<u>Max. Displacement</u> cu. ft./hr.
RM 7000	175	7000
RM 7000 TC	175	7000
RM 7000 ID	175	7000
RM 7000 TC/ID	175	7000
RM 11000	175	11000
RM 11000 TC	175	11000
RM 11000 ID	175	11000
RM 11000 TC/ID	175	11000

Temperature compensation range,
TC and TC/ID models only -20°F to +120°F

Base temperature, TC and TC/ID models only 60°F

Capacity per revolution of instrument drive output shaft:
(1) TC/ID models 10 cu. ft. at 60°F
(2) Standard models 10 cu. ft. at actual flow conditions

- Note: 1) Any meter designated below used for measurement of gas at pressures above seven ounces per square inch must be equipped with an auxiliary pressure correcting device or be used for Pressure Factor Measurement.
- 2) For meters designated below placed in vertical gas liner the flow through the meter must always be downwards.

The various models of meters shall have the following distinctive designation numbers appended to the serial number by a dash:

<u>Model</u>	<u>Designation Number</u>
RM 7000 and RM 7000 TC	-71
RM 7000 ID and RM 7000 TC/ID	-72
RM 11000 and RM 11000 TC	-111
RM 11000 ID and RM 11000 TC/ID	-112

Description

These meters are essentially of the same type and construction as those meters previously approved in the aforementioned circulars.

When any auxiliary device is used with an TC/ID type of meter, it shall be the responsibility of the utility using the meter to ensure that the registers of the device are marked to reflect the temperature compensated output of the instrument drive shaft of the meter. Thus, the uncorrected register of an auxiliary device must be marked to indicate that the volume registered on it is temperature compensated to 60°F. Also, the corrected counter of a Base Pressure Index, utilized for billing purposes, must be marked to indicate that its volume registration is corrected to the base temperature of 60°F in addition to a declared base pressure.

Meters accepted for service shall be sealed by passing the sealing wire, or an approved alternative through the two drilled screws which hold the register housing to the meter body. In addition, meters for horizontal mounting shall have the sealing wire pass through one screw holding the register housing.

Accuracy of the meter and, where applicable, the temperature compensated registration may be checked in the field according to the procedure outlined in Technical Gas Circular No. G-76-2.

The accuracy of the meter and, where applicable, the temperature compensated output of the instrument drive may be checked in the field according to the procedure outlined in Technical Gas Circular G-77-5.

Approval granted to:

Romet Limited
Mississauga, Ontario

A handwritten signature in cursive script that reads "D.L. Smith". The signature is written in black ink and is positioned above the typed name and title.

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

Ref: G-6565-R292

