

TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

S-GA.251

OTTAWA January 17, 1963.

TYPE APPROVALCANADIAN METER COMPANY TEMPERATURE-COMPENSATED
TYPE "AL-800" ALUMINUMCASE POSITIVE DISPLACEMENT GAS METER

The apparatus specified and illustrated herein has been duly approved by the Standards Branch under the provisions of the Gas Inspection Act, Chap. 129, R.S. 1952, and may be admitted to verification in Canada.

Apparatus Approved: Type "AL-800" Temperature-Compensated Aluminumcase Positive Displacement Gas Meter, manufactured and distributed in Canada by the Canadian Meter Company Limited, Milton, Ontario.

Rating of Apparatus:

Badged Capacity	650 cu.ft./hr.(air)
Differential Pressure at badged capacity	0.5" water gauge
Capacity per revolution	0.385 cu.ft.
Working Pressure	20 p.s.i. and 100 p.s.i.
Base Temperature	60°F
Connections (female)	1½"

Description: The type "AL-800" non-compensated meter has been previously approved under Circulars SD-GA.156 of May 26, 1959 and S-GA.237 of August 16, 1962. The temperature-compensated meter is identical to the above except for the following alterations:

- the conventional double adjustable tangent is replaced by the temperature-compensating tangent (shown on the back of this circular);
 - the index dial plate contains inscription "Temp. Comp. Cu.Ft. at 60°F.
- Only synthetic diaphragms may be used.

For description of operation, refer to Circular S-GA.246 of October 22, 1962.

E. F. Power

E. F. Power,
Chief, Electricity and Gas Division,
Standards Branch.

R. W. MacLean
R. W. MacLean,
Director,
Standards Branch.

Ref: A-8158

S-GA.251

TEMPERATURE-COMPENSATING TANGENT FOR USE WITH
CANADIAN METER COMPANY TYPE "AL-800" ALUMINUM-
CASE POSITIVE DISPLACEMENT GAS METER



