



CANADA

S-GA.271

DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

OTTAWA, August 27, 1963

TYPE APPROVAL

"VISI - METER" REMOTE READING REGISTER

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: The "VISI-METER" Remote Reading Register unit, manufactured by the Visi-Meter Inc, Kansas City, Kansas, U.S.A. and distributed in Canada by Canadian Strut Products Limited, Scarborough, Ont.

Scope of Approval: This approval covers only "VISI-METER" remote register units for use with the following approved, positive displacement gas meters:

Canadian Meter Co. Ltd.

- (i) "AL 110" - SD-GA 138 May 6, 1958
S -GA 174 November 18, 1959
- (ii) "5B.1.C."- SD-GA 12 May 22, 1951
SD-GA 151 January 15, 1959
- (iii) "5B225" - SD-GA 54 September 16, 1954
SD-GA 60 December 21, 1954
SD-GA 89 November 21, 1955
- (iv) "A225" - SD-GA 122 June 12, 1957
SD-GA 195 October 27, 1960
- (v) "AL225" - SD-GA 122 June 12, 1957
amended January 18, 1963.

Neptune Meters Ltd.

- (vi) "215" - SD-GA 157 May 27, 1959
- (vii) "315 and 415" - SD-GA 142 (Amended) July 31, 1959

Description:

The "VISI-METER" unit comprises two adaptor plates interconnected by a lubricated, flexible steel drive cable and housing. For installation of this unit, the meter index is removed from the gas meter and attached to one of the adaptor plates for mounting on an exterior wall, then the other adaptor plate is mounted on the gas meter at the meter index location. With both the meter index and the meter body suitably positioned, the flexible drive and housing is connected to both adaptor plates so as to provide the transfer of the meter registration to the meter index. The adaptor plates house

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suitable take off and drive connections between the drive cable and the driving dog for the meter index as well as the index register gearing.

Specifications and Installation Requirements of Apparatus:

1. Type of cable housing:- Covered or non-covered may be used.
2. Type of register cover:- Plastic or Metal cover may be used.
3. Maximum length of cable and housing to be used:- 15 feet.
4. Maximum number of bends in cable housing:- 3.
5. No bend or curve in the cable housing shall be less than:- 8" radius.
6. The Index Register and Adaptor plate shall be equipped with either type of bracket mounting shown in photo on back of this circular or a modified adaptor plate with exterior type lugs for mounting. (Filister head screws must be provided for these mounting brackets).
7. Index Register must have suitable sealing covers for previously designed mounting holes as well as proper sealing of unit by weatherproof caulking cement.
8. The Utility installing these units will be responsible for the Company sealing of the mounting screws (in para 6) of Index Register as well as the locking nut and ferrule holding the steel tube and cable to the meter body adaptor plate.
9. The Utility will be responsible for proper installation according to Manufacturers Instructions and Standards Branch Requirements.

Field Inspection Requirements:

- (1) The proper meter register shall be retained with the meter body at all times and shall be identified with the same Inspection or Company number as the body of the gas meter.
- (2) The sealing of the meter body will include the adaptor plate as illustrated in photograph.
- (3) The sealing of the Index Register must ensure that there is no access to register unit.
- (4) Verification of a gas meter using the "VISI-METER" unit must be made with a lubricated cable not less than 15 feet in length.

E. F. Power

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

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

Ref: A-989

"WISI - METER" REMOTE READING REGISTER.



