



CANADA

DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

S-WA.557

OTTAWA, February 23, 1965.

APPROVAL LISTING

CANADIAN METER COMPANY - MODEL C "LO-FLO" FUEL OIL METER

Under the provisions of the Weights and Measures Act, Chapter 292, R.S.C. 1952, and Regulations thereunder (P.C. 6894), the apparatus specified and illustrated herein has been listed as an approved device and may be used in Canada in accordance with the conditions applicable.

Apparatus Listed: Model C "Lo-Flo" slow-flow fuel oil meter, manufactured by the Canadian Meter Co. Ltd., Milton, Ontario.

Rating of Apparatus: 0.5 gph to 2 gph of No. 2 fuel oil.

Conditions: As prescribed in P.C. 6894 and with the following specific additional requirements:

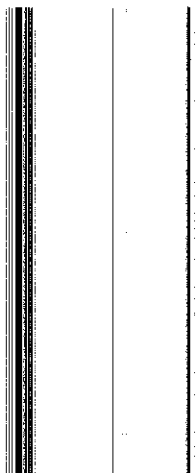
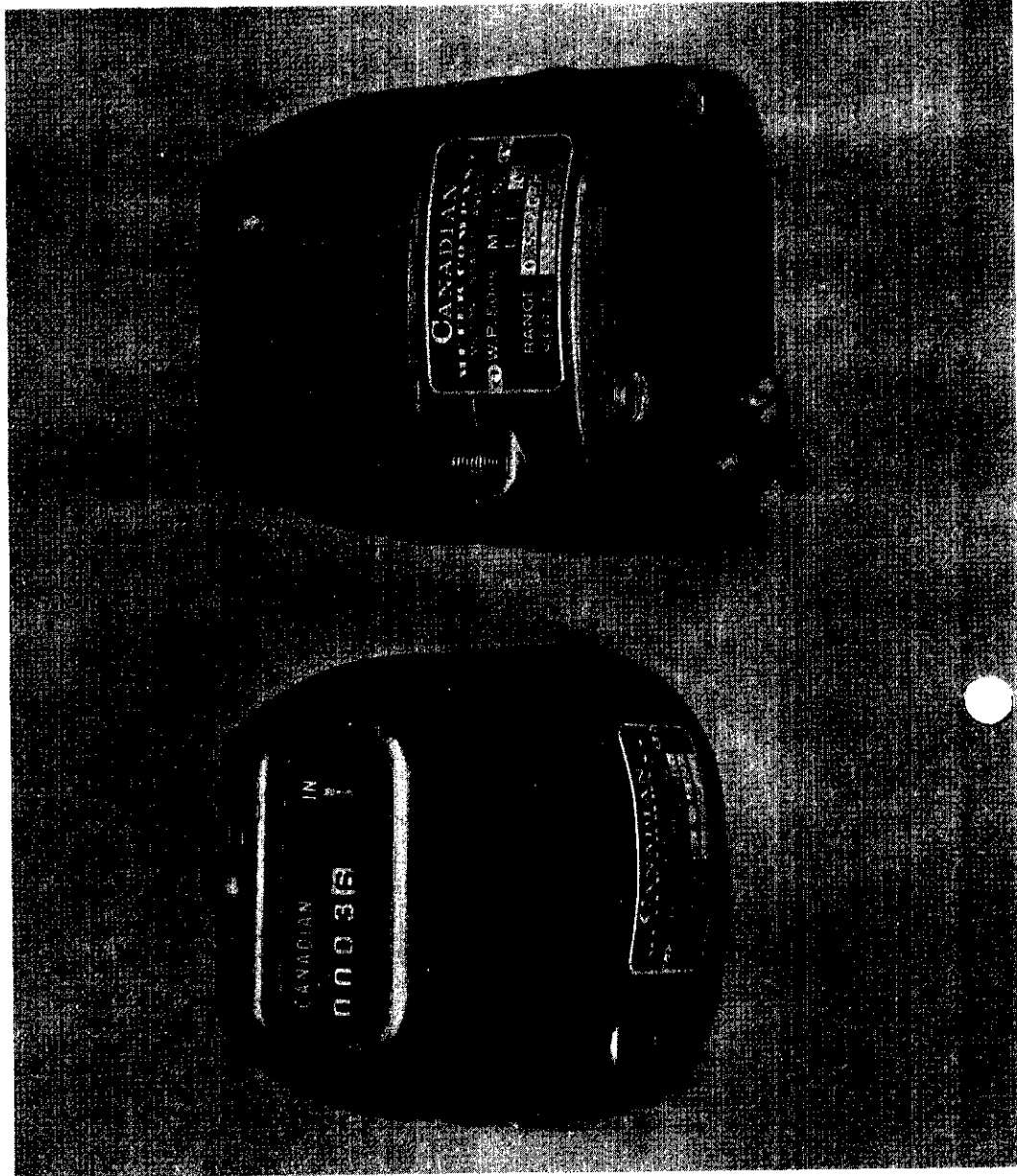
1. The meters must be within a tolerance of $\pm 0.35\%$ on original inspection, and deliver within 0.5% in excess and 0.35% in deficiency on subsequent inspections.
2. The meters may be installed only in fuel oil distribution systems approved beforehand by the Standards Branch, Ottawa.
3. These meters are being approved without a means of adjusting the registration on the understanding that, if at the first annual reinspection, an unacceptable percentage of meters is found to be out of tolerance, the approval will be rescinded.

Application: These meters are approved only for the measurement of No. 2 fuel oil to household oil burners. The oil is supplied from an underground distribution system, fed from a central storage either by gravity or pump pressure. Means are provided in the system for air elimination, and a filter is installed immediately ahead of each meter.

Description: This meter is a positive displacement type, using one double-acting piston fitted with two Teflon sealing "leathers". The piston displaces 1/60 gallon per complete cycle. The valve is a plunger type, the sleeve being pressed into the meter housing; it is controlled by an actuator bar connected to one end of a leaf spring, the other end of which is fixed to the piston rod extension, and the operation of which is triggered at the ends of the piston stroke by a latch plate operating from the piston.

...../2

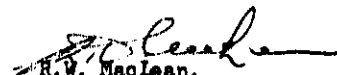
CANADIAN METER COMPANY - MODEL C "LO-FLO" FUEL OIL METER



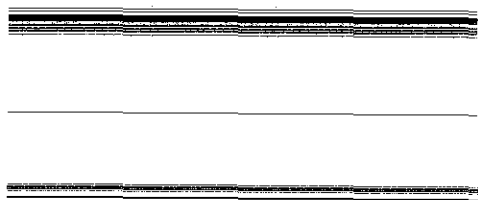
Description (Cont'd) The register is for a maximum reading of 9999.99 gallons. The hundredths digit is blanked from view by the register window "decal". The register is driven by a star wheel actuated by an arm attached to the piston rod extension.

Testing: Special test procedures shall apply as specified by the Standards Branch, Ottawa. The manufacturer will supply the equipment required for these tests.


C.S. Phillips
Chief, Weights & Measures Division,
Standards Branch.


H.W. MacLean,
Director,
Standards Branch.

Ref: A-723



(

(

