



CANADA

DEPARTMENT OF TRADE AND COMMERCE  
STANDARDS BRANCH

S.WA-478

OTTAWA..... November 26, 1963.....

APPROVAL LISTING

GEORGE KENT LIMITED - MODEL 001 "MINI" 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 001 "Mini" low flow liquid meter, manufactured by the Geo. Kent Ltd., Luton, Bedfordshire, England, and distributed in Canada by George Kent (Canada) Ltd., 389 Horner Ave., Toronto.

**Rating of Apparatus:** 0.5 gphour to 2.0 gph of No. 2 fuel oil.

**Application:** This approval is limited to the measurement of No. 2 fuel oil to domestic oil burners via underground pipeline distribution systems.

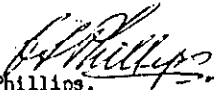
**Conditions:** As prescribed in P.C. 6894, and with the following specific additional requirements:

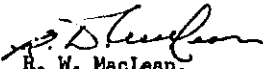
1. Tolerance on original verification to be 0.35%
2. Tolerance on subsequent verifications to be +0.5% to -0.35%
3. The meter must be installed level and with close-coupled filter
4. The meter may only be installed in pipeline oil distribution systems previously approved by the Standards Branch, Ottawa.

**Description:** This meter is the familiar oscillating piston type, the size of the metering chamber being reduced in size to suit the low flow rates. The oscillations of the piston are transmitted to the register by a magnetic coupling, a single o-ring seal thus confines the liquid to the meter body. The register is enclosed in a compartment free of dirt and liquid. The non-reset register can be read to 9999.99 gallons, and an auxiliary dial can be read to 0.005 gallons. A rotating flow indicator operates above the dial face. The calibration is changed by means of gears.

A fine filter is close-coupled at the factory to the meter inlet, and is considered part of the meter for purposes of inspection. The meter must be level when being calibrated and when installed.

**Testing:** Special test equipment is to be provided by George Kent (Canada) Ltd. for the original inspection, and by the Operators of the oil distribution system for subsequent inspections. Special test procedures to be followed will be specified by the Standards Branch, Ottawa. Location records of meters must be maintained by the Operators of the distribution system.

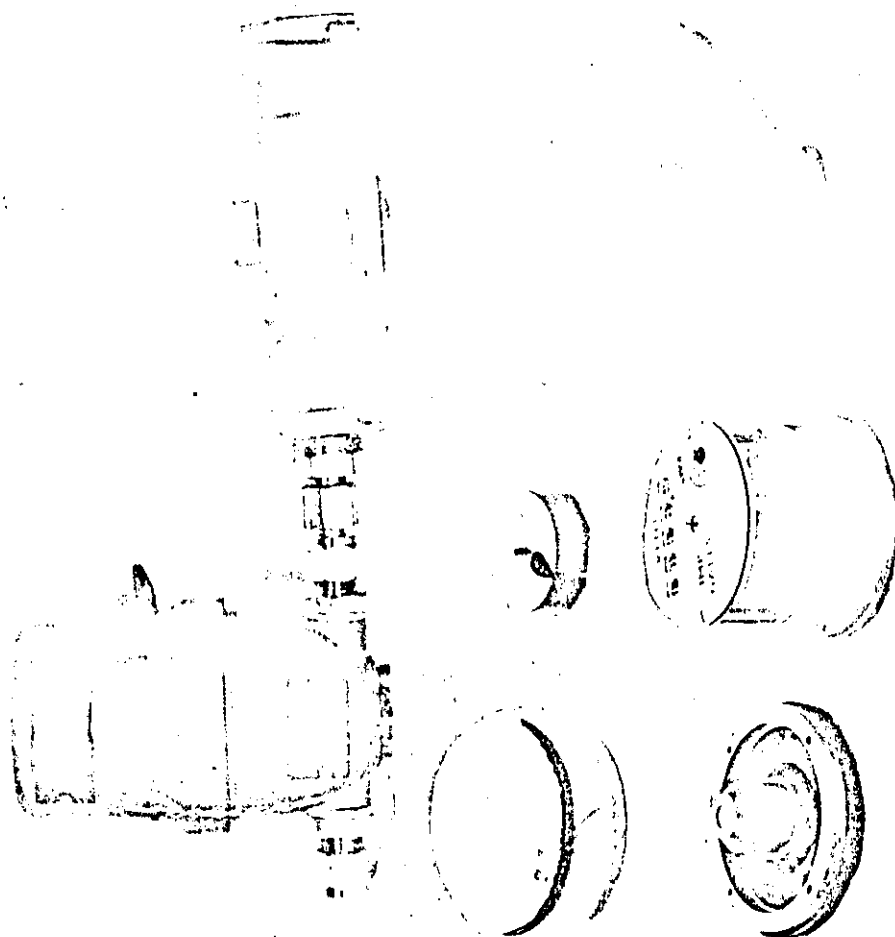
  
C. S. Phillips,  
Chief, Weights & Measures Division,  
Standards Branch.

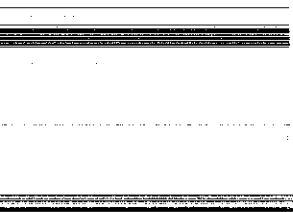
  
R. W. MacLean,  
Director,  
Standards Branch.

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