



Department of consumer and corporate affairs / Ministère de la consommation et des corporations



STANDARDS BRANCH - DIRECTION DES NORMES

NOTICE OF APPROVAL

S.WA-633

OTTAWA February 9th, 1970.

Approved: NEPTUNE-METERS FOR LPG-TRUCK OR BULK PLANT

manufactured by: Neptune Meters Limited, Toronto.

Apparatus Listed: Meters for LPG for truck or bulk plant use, model numbers as listed below:

<u>Model</u>	<u>Size</u>	<u>Rating GPM</u>	<u>Remarks</u>
1D	1-1/4"	5 - 25	Integral strainer/ vapour release
D	2"	17 - 85	Separate strainer/ vapour release

Application: Metering of liquid propane and other liquefied petroleum gases. These meters are older types, and only a few are now remaining in service.

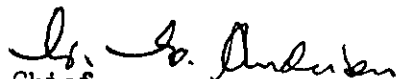
Conditions: At the time that these meters were originally marketed, a diaphragm type of differential pressure valve was not available, only a special back pressure valve for LPG. However, these back pressure valves are no longer acceptable, and all LPG meters must have a differential valve immediately downstream. A vapour release valve is required immediately upstream, except that at bulk plants a condensing tank may be used instead.

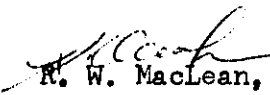
Description: These meters employ the oscillating piston type of element common to all approved Neptune meters. In these meters, the piston is made of anodized aluminum, which withstands the corroding and wearing action of LPG better than bronze.

Testing: These meters may be tested using a 50 gallon propane prover. Alternatively, they may be tested using mineral spirits and adjusted to register 101% of the quantity actually delivered into the test measure.

References: SW-85-N4
Letter of July 4, 1966

Note: Approval is granted under the Weights and Measures Act, Chapter 292, and Regulations thereunder (P.C. 6894) for use in Canada under the general conditions of P.C. 6894, and under any special conditions listed above.

(for) 
Chief,
Weights and Measures Division,
Standards Branch.


R. W. MacLean,
Director,
Standards Branch.