



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



STANDARDS BRANCH - DIRECTION DES NORMES

NOTICE OF APPROVAL

S.WA-638

OTTAWA February 11, 1970.

Approved: NEPTUNE - LIQUID METERS FOR PETROLEUM

manufactured by: Neptune Meters Limited, Toronto

Apparatus Listed: Meters of various types and sizes for measuring liquid petroleum products, generally at pressures of 125 psig or less, models as listed below:

<u>Model</u>	<u>Size</u>	<u>Rating GPM</u>	<u>Model of Register Normally Used</u>
General Purpose	3/4 x 1"	2 - 12	106, 111, 157, 157V
Type 40	2"	17 - 85	300 series, 400 series
Type A	2-1/2"	28 - 140	300 series
Type A	3"	60 - 300	400 series
Type C2(300#)	3"	60 - 300	400 series
Type 40	3"	60 - 300	400 series
Type A	4"	110 - 540	400 series
Type C2(300#)	4"	110 - 540	400 series

These meters may be used with any approved standard register recommended by the manufacturer, and on application to the Standards Branch, with special register combinations.

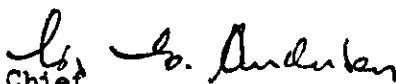
Conditions: When there is a possibility of entrained air in the product, a bulk type deaerator must be installed reasonably close to the meter. When the bulk type deaerator is remote from the meter an air release valve must also be installed immediately ahead of the meter. Each meter must be preceded by a close coupled strainer, and when conditions require it, followed by a back pressure or flow control valve.

Description: All these meters use the oscillating piston type of metering element as used in all approved models of Neptune meters. Various designs of deaerators, air release valves, strainers, back pressure and flow control valves are available to suit the requirements at different installations.

Testing: The standard tests for bulk meters shall apply.

References: SW-85-N4
Letter of July 14, 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.