



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



STANDARDS BRANCH - DIRECTION DES NORMES

## NOTICE OF APPROVAL

S.WA-637

OTTAWA April 7, 1970.

Approved: NEPTUNE - METERS FOR BULK PETROLEUM PLANTS

manufactured by: Neptune Meters Limited, Toronto.

Apparatus Listed: Meters for liquid petroleum products, for bulk plant use, model numbers as listed below:-

<u>Model</u>	<u>Size</u>	<u>Rating GPM</u>	<u>Remarks</u>
Type A	1-1/4"	5 - 25	Flanged ends
Type B	1-1/4"	5 - 25	Screwed ends
Type A	1-1/2"	11 - 55	Flanged ends
Type B	1-1/2"	11 - 55	Screwed ends
Type 40	1-1/2"	10 - 50	Flanged ends
Type F	3"	60 - 300	Steel case
Type F	4"	110 - 540	Steel case
High pressure(1500#)	3"	60 - 300	Steel case
High pressure(1500#)	4"	110 - 540	Steel case
Type FD(300#)	3"	60 - 300	Steel case
Type FD(300#)	4"	110 - 540	Steel case
Type CS(150#)	4"	110 - 540	Steel case
Type CS(300#)	4"	110 - 540	Steel case
Type CS(150#)	6"	170 - 850	Steel case
Type CS(300#)	6"	170 - 850	Steel case
Type A Style N	6"	170 - 850	Ductile Iron

Application: Metering of petroleum products at bulk plants. The 1-1/2" types A and B are older types and only a few remain in service.


Conditions: Where the possibility exists 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 be installed immediately ahead of the meter. The meter must be preceded by a close-coupled strainer and if conditions require it, followed by a back pressure or flow control valve.

Description: 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 of 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.