



DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

S-WA. 589

OTTAWA December 9, 1965.

APPROVAL LISTING

A. O. SMITH - MODEL AFM-2 LIQUID 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 have been listed as approved devices and may be used in Canada in accordance with the conditions applicable.

Apparatus Listed: Model AFM-2 size 1" N.P.T. four-piston type positive displacement liquid meter.

Manufactured by: A. O. Smith Corporation,
Smith-Erie Division,
1601 Wagner Ave.,
Erie, Penn.

Approved for use as a retail meter when equipped with any approved register reading directly to tenths of a gallon.

Rating of Apparatus: 0.8 to 16.6 g.p.m. maximum.

Application: Measurement of petroleum products in retail trade, particularly of gasoline to light aircraft from mobile refuellers.

Conditions: As prescribed in P.C. 6894, with particular reference to retail meters. Aircraft refuellers incorporating this meter must meet the same requirements as service station dispensers. If an interlock is not provided, a permanent nameplate must be affixed to the device in a conspicuous location with the legend: "Reset Meter to Zero Before Delivery".

Description: The metering element is the four-piston type, and it is the same unit as is used in approved models of A. O. Smith retail trade gasoline dispensers. The internal construction of the meter is shown in the illustration overleaf, along with the assembly with an A. O. Smith resettable register with non-resettable totalizer.

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METERING MECHANISM

(Diagram by A. O. Smith)

