



DEPARTMENT OF TRADE AND COMMERCE  
STANDARDS BRANCH

S.WA-706

OTTAWA, December 4, 1967.

APPROVED : HUTCHINSON INDUSTRIES - CALIBRATION MARKER FOR VEHICLE TANKS

manufactured by: Hutchinson Industries, Toronto, Ontario.

Apparatus Listed: Single marker assembly for vehicle tank compartments.

Rating of Apparatus: The assembly may be used in any vehicle tank compartment for which it is suitable.

Conditions: The assembly shall be located sufficiently close to the centre of the compartment, both laterally and longitudinally, that if the vehicle is off-level by 1°, the error in capacity shall not exceed  $\pm 0.125\%$ .

Description: This marker assembly is designed to be bolted to a suitable, rigid support, which in turn is welded or brazed to the dome opening neck.

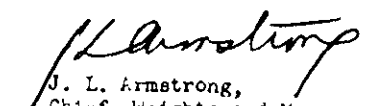
When the finger has been adjusted to the proper level, the jam (lower) nut is tightened to prevent vertical movement of the stud. The marker is then sealed by passing sealing wire through pre-drilled holes in the head of the stud, the top arm of the marker, and the jam nut, and sealing with a lead seal. The finger is restrained from turning by the marker bracket, which passes through a guide in the back of the finger.

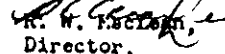
The bracket is pre-drilled in four places for the installation of of two  $\frac{1}{4}$ " dia. mounting bolts. After the marker is bolted to its support bracket, it can either be spot-welded to it, or sealed with a lead wire seal in a pre-drilled hole adjacent to the jam nut.

Testing: When calibrating a vehicle tank using this marker, the support bracket should be checked to ensure that it is rigid and securely attached to the dome neck by welding or brazing. Markers cannot be attached directly to the dome neck, as this means of support is generally inadequate.

Reference: SM-13-1

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.

  
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