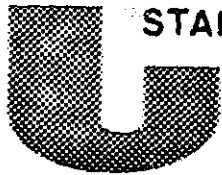


Department of consumer and corporate affairs / Ministère de la consommation et des corporations



STANDARDS BRANCH - DIRECTION DES NORMES

NOTICE OF APPROVAL

S.WA-774

OTTAWA December 22, 1969.

Approved: ELECTRIC AND GAS WELDING CO. LTD. - CALIBRATION MARKER FOR VEHICLE TANKS

manufactured by: Electric and Gas Welding Co. Ltd., Montreal

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: This marker assembly shall be located sufficiently close to the centre of the compartment, both laterally and longitudinally, that if the vehicle tank is off level by 1° the error in the capacity does not exceed 0.125%.

Description: This marker assembly is designed to be welded 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 by turning the stud, the castellated nut is tightened against the top arm of the marker - this prevents vertical movement of the stud. The castellated nut is sealed by passing sealing wire between the castellations, through a hole at the top of the stud, and holes in the top arm and sealing with a lead seal. The lower nut pressing against the top arm also prevents any rotation of the stud by vibration and reduces the stress on the sealing wire. The finger is restrained from turning on the stud by the marker bracket, which passes through a guide in back of the finger.

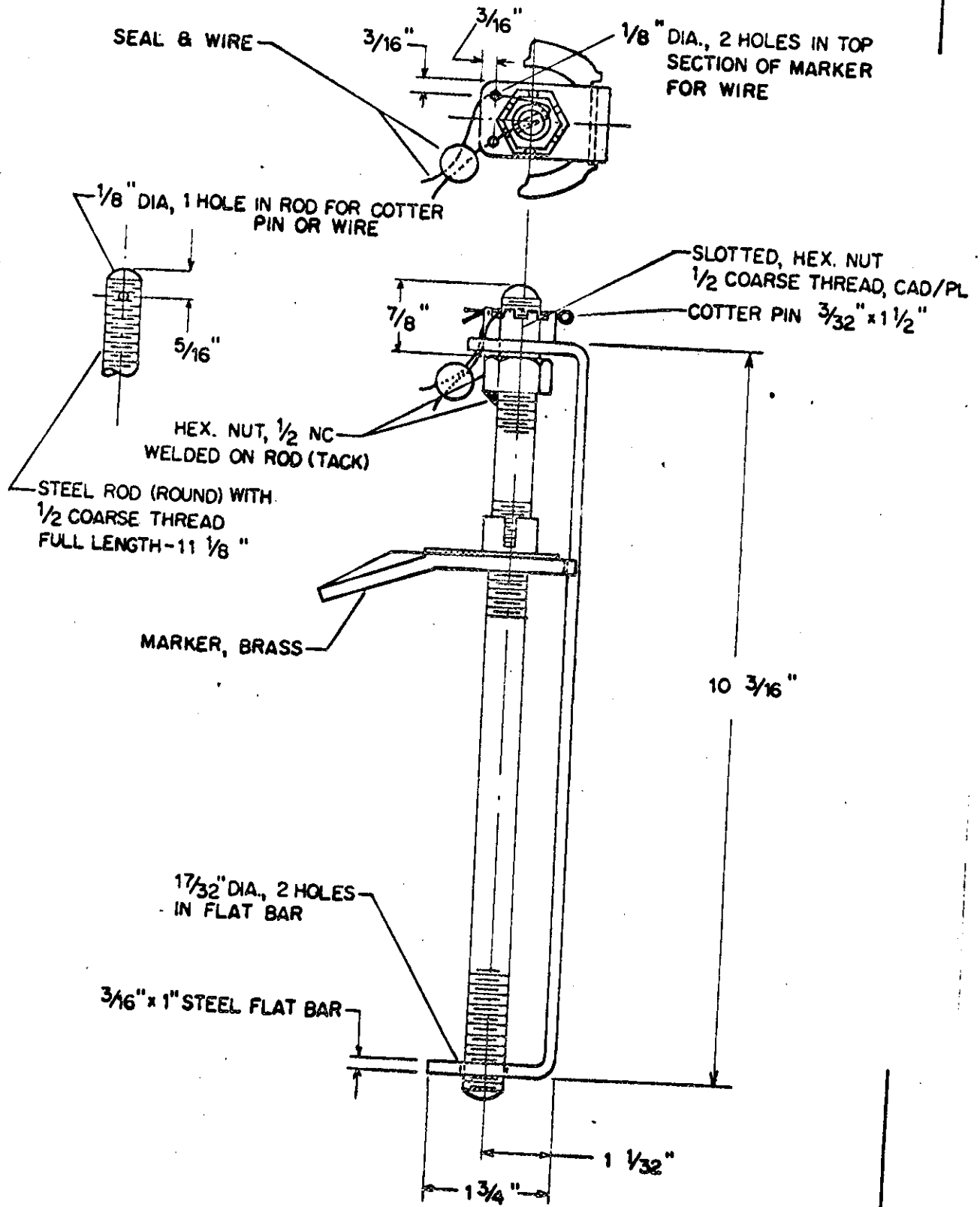
Testing: When calibrating a vehicle tank using this marker, the support bracket should be checked to ensure that it is rigid and securely attached to the dome opening neck by welding or brazing. Markers cannot be welded directly to the dome neck, as this means of support is generally inadequate. The marker should be securely spot-welded to the support bracket so that it is not easily broken off by loading spouts. As an alternative to welding, the marker may be bolted to the support bracket, with at least two 1/4" dia. bolts provided, and sealed to it with a lead-wire seal, or lightly welded to prevent relocation.

Reference: SW-18-1

Letter of approval of January 22, 1969.

CALIBRATION MARKER

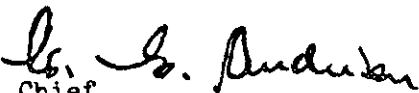
S. WA-774

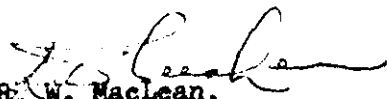


THE ELECTRIC & GAS WELDING CO. LTD.

DWG. NO : 69-1001
DATE : 12 FEB. 1969

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 & Measures Division,
Standards Branch.


E. W. Maclean,
Director,
Standards Branch.