



Consumer and
Corporate Affairs Canada

Consommation et
Corporation Canada

Consumer Standards
Directorate

Direction générale
des normes

RECORD OF APPROVAL ACTION

Approval Listing Number - S.WA-1163

(Issued in advance of preparation of formal Approval Notice)

Ottawa, April 18, 1980

Company Requesting Approval - Lockheed Electronics Company
Industrial Technology Division
U.S. Route 22, Plainfield, N.J. 07061

Type of Device -

<u>Model</u>	<u>Description</u>
LCR-E	This register indicates volume with a mechanical roller-counter as on previous models, but the price setting and computation is done electronically.

Description: The calibrator supplied by the meter manufacturer is used for accuracy adjustment, and the Lockheed register is fitted to it by means of an adapter plate. The register includes a drive train and a pulse generator that produces 10 pulses per litre.

Price and tare setting is electronic by means of push-buttons and the total price computation is performed electronically after the delivery is completed and "print" button is pressed. If the "print" button is not used, the ticket will be printed automatically after 5 minutes; this prevents "riding the ticket".

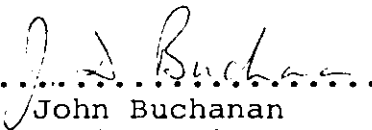
The ticket printer is a slow-speed type designed for operation at cold temperatures and requires 20 seconds to complete its cycle. In some circumstances, where very little hose is unreeled, and the nozzle quickly inserted, the zero printing may still be in progress when delivery starts. This will not interfere with the accuracy of registration or invoicing. Actuation of the "reset" handle automatically resets the volume indicator and the memory of the computer to zero, and positions the ticket to the "start" print location.

A pushbutton-actuated preset register is available as an option. A "no-back" clutch is standard on all registers.

Conditions: There is to be a leakproof non-return check valve installed to prevent the dilated hose from squeezing measured liquid backwards through the meter. A suitable pressure gauge is to be installed between the check valve and the hose to monitor the sealing of the valve.

This register has not been tested in the Laboratory, only in the field, and approval is conditional on that any deficiencies which develop after further use or testing be corrected on future production and modifications be retrofitted to units already in use.

REFERENCE NO.: 6953-L271


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John Buchanan
Acting Chief
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Legal Metrology Branch