



NATIONAL STANDARDS COMMISSION

PROVISIONAL SUPPLEMENTARY CERTIFICATE OF APPROVAL

No PS 107

This is to certify that the pattern of the
Veeder-Root Model VR2002AE Price-Computing Indicator

submitted by Veeder-Root (Australia) Pty Ltd,
82 Herald Street,
Cheltenham, Victoria, 3192

has been approved under the Weights and Measures (Pattern of Instruments) Regulations as being suitable for use for trade when used to replace the price computing indicator on any Commission approved driveway flowmeter as listed in Table 1 of the Technical Schedule.

Pattern: approved 18/9/80

Veeder-Root Model VR2002AE price-computing driveway flowmeter indicator.

The pattern is described in Technical Schedule No PS 107 issued on 7/10/80, and in drawings and specifications lodged with the Commission.

Conditions of Approval

1. The pattern replaces any 4-digit price-computing indicator on any Commission approved driveway flowmeter as listed in Table 1 of the Technical Schedule, in which the input shaft rotates at 4,0 ± 0,2 revolutions per litre.
2. The pattern may only be retrofitted to those driveway flowmeters where the flowrate is 50 L/min or less.
3. The pattern may only be retrofitted to driveway flowmeters in attendant-operated (stand-alone) applications.
4. The customer preset panel and indicator must be removed from the driveway flowmeter when the VR2002AE replaces an electronic price-computing indicator, with preset facilities.
5. Each driveway flowmeter retrofitted with a VR2002AE is to be tested in a manner approved by the Commission at intervals of approximately three months; such tests are to be arranged by the submitter, and the results sent to the Commission.


7/10/80

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6. The Commission reserves the right to inspect any driveway flowmeter retrofitted with a VR2002AE.
7. In the event of unsatisfactory performance the approval may be cancelled.

All instruments modified in accordance with this Provisional Supplementary Certificate shall be marked with the Approval number NSC No PS 107 in addition to the approval number of the unmodified pattern.

Signed



Executive Director

7/10/80



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No PS 107

Pattern: Veeder-Root Model VR2002AE Price-Computing Driveway
Flowmeter Indicator

Submittor: Veeder-Root (Australia) Pty Ltd,
82 Herald Street,
Cheltenham, Victoria, 3192

1. Description of Pattern

- 1.1 The pattern is a Veeder-Root Model No VR2002AE mechanical price-computing indicator intended to be retrofitted to Commission approved, attendant-operated, driveway flowmeters, provided that a customer's preset panel and indicator is not fitted. The indicator is similar to the VR101 but has a four-transfer right hand money wheel for unit prices up to 99,9 c/L (Figures 1, 2 and 4).
- 1.1.1 The price wheels are marked with a dollar sign not less than 20 mm high to the left of the price indicator aperture (Figure 1).
- 1.1.2 The digits on all wheels are white on a black background and are 8,5 mm in height. Wheels 2, 3 and 4 have double digits (Figure 1).
- 1.1.3 The pointer on the price indicator is visible through a rectangular cut-out at least 10 mm x 10 mm (Figure 1).
- 1.1.4 The decimal point is positioned mid-height of the digits (Figure 1).
- 1.1.5 Volume and price indicator apertures are not less than 25 mm in height. Unit-price indicator apertures are not less than 17 mm in height (Figure 1).
- 1.1.6 The width of the digits on the unit-price wheels is between 4,5 mm and 4 mm (Figure 1).
- 1.1.7 There is provision for a hundreds-of-cents unit-price-indicator aperture on the dial plate: or, alternatively, the \$1/L lever is sealed for Weights and Measures inspection.

TABLE 1

(Approval only applies to Driveway Flowmeters to be used in attendant-operated (stand alone) applications)

ORIGINAL CERTIFICATE

5/6A/7A

5/6A/12

5/6A/13

5/6A/30

5/6A/37

In addition to the above, those Attendant-operated Driveway Flowmeters covered by the following certificates provided that:

- (1) The pulse transmitter is disabled, or
- (2) The device connected to the output of the pulse transmitter is not in use for trade, or
- (3) Modifications are made to the pulse transmitter to comply with the money shaft of the VR2002AE.

5/6A/24

5/6A/35

5/6A/44

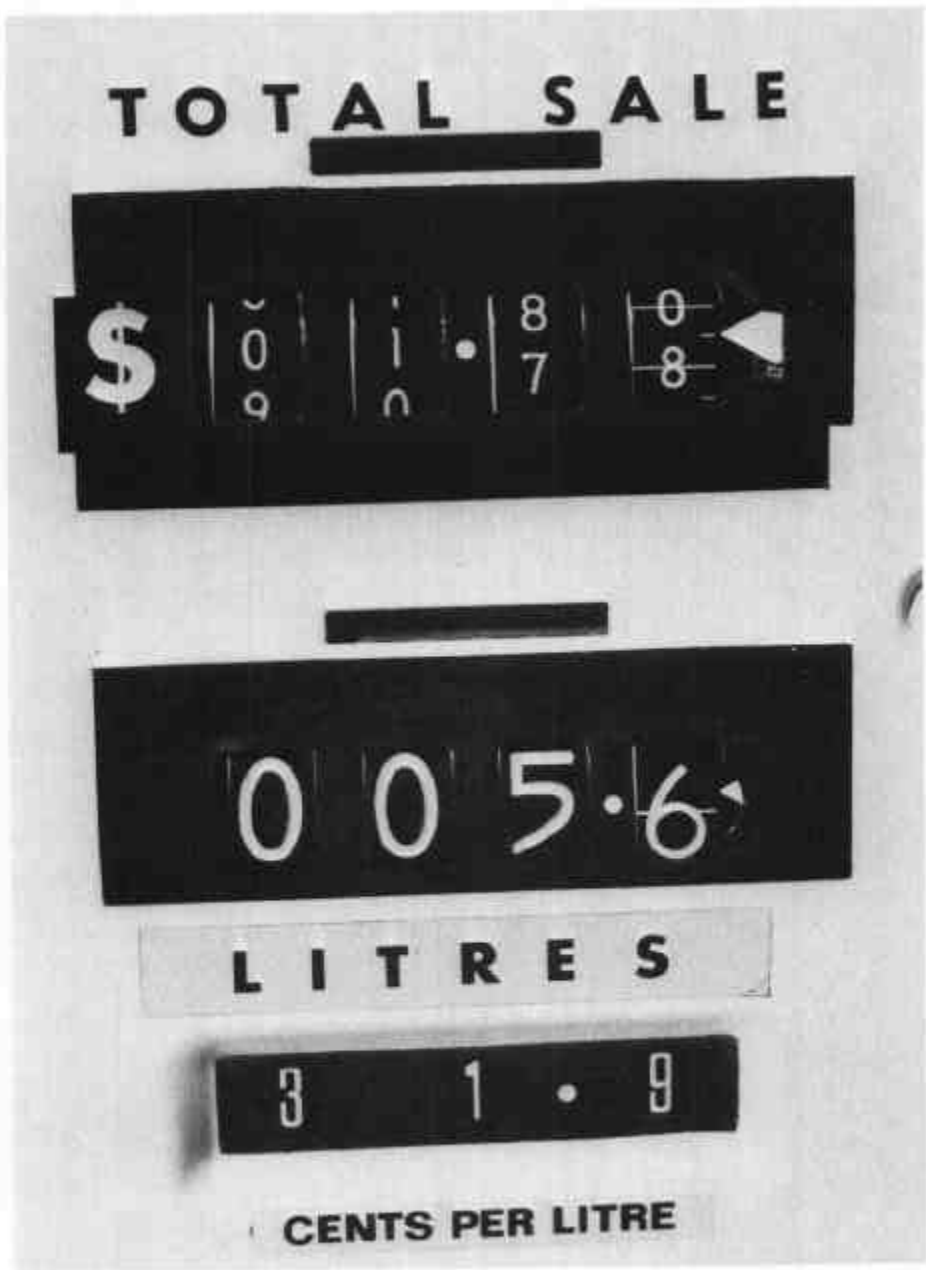
5/6A/45

5/6A/55

5/6A/56

5/6A/62

5/6A/66



VR2002AE front elevation

7/10/80

FIGURE PS 107 - 2



Money cross shaft VR2002AE

7/10/80

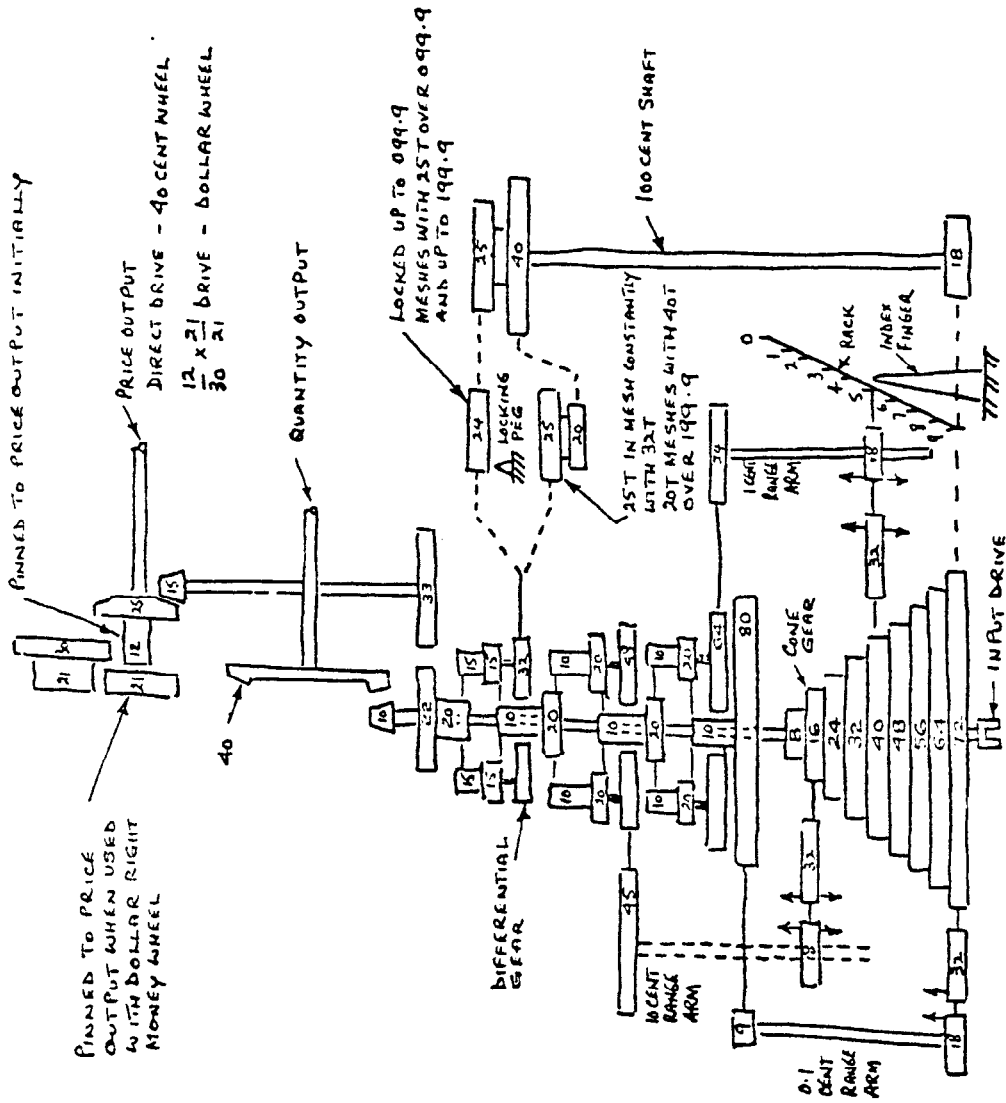
FIGURE PS 107 - 3



Sealing of \$1/L unit price wheel on VR2002AE

7/10/80

FIGURE PS 107 - 4



VR2002AE Gear Assembly - Schematic Diagram