

National Standards Commission



Supplementary Certificate of Approval

No S242A

Issued under Regulation 9
of the
National Measurement (Patterns of Measuring Instruments) Regulations

This is to certify that an approval for use for trade has been granted in respect of the

Gilbarco Model DK04717 Driveway Flowmeter Filter

submitted by Gilbarco Aust. Ltd
12-38 Talavera Road
North Ryde NSW 2113.

NOTE: This Certificate relates to the suitability of the pattern of the instrument for use for trade only in respect of its metrological characteristics. This Certificate does not constitute or imply any guarantee of compliance by the manufacturer or any other person with any requirements regarding safety.

This Certificate is issued upon completion of a review of NSC approval No S242.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/6/1999.
This approval expires in respect of new instruments on 1/6/2000.

Instruments purporting to comply with this approval shall be marked NSC No S242A and only by persons authorised by the submittor.

Instruments incorporating a component purporting to comply with this approval shall be marked NSC No S242A in addition to the approval number of the instrument.

It is the submitter's responsibility to ensure that all instruments marked with this approval number are constructed as described in the documentation lodged with the Commission and with the relevant Certificate of Approval and Technical Schedule. Failure to comply with this Condition may attract penalties under Section 19B of the National Measurement Act and may result in cancellation or withdrawal of the approval, in accordance with the Commission's Document 106.

The Commission reserves the right to examine any instrument or component of an instrument purporting to comply with this approval.

DESCRIPTIVE ADVICE

Pattern: approved 27/5/94

- A Gilbarco model DK04717 flowmeter filter for use in a Commission-approved driveway flowmeter.

Variants: approved 27/5/94

1. Velcon VF-31 or VF-61 series filters.

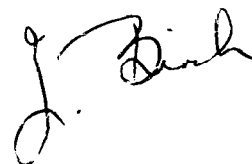
Technical Schedule No S242A describes the pattern and variant 1.

FILING ADVICE

The documentation for this approval comprises:

Supplementary Certificate of Approval No S242A dated 15/6/94
Technical Schedule No S242A dated 15/6/94 (incl. Test Procedure)
Figures 1 and 2 dated 15/6/94

Signed and sealed by a person authorised under Regulation 9 of the National Measurement (Patterns of Measuring Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.





National Standards Commission

TECHNICAL SCHEDULE No S242A

Pattern: Gilbarco Model DK04717 Driveway Flowmeter Filter.

Submittor: Gilbarco Aust. Ltd
12-38 Talavera Road
North Ryde NSW 2113.

1. Description of Pattern

The pattern is a Gilbarco model DK04717 filter which may be used in a Commission-approved driveway flowmeter (Figure 1).

1.1 Specifications

The filter may be used with liquid hydrocarbon products, except LPG, at flow rates up to the maximum specified in the Commission's approval documents for the driveway flowmeter to which it is fitted provided this does not exceed 95 L/min, and with the pump providing a maximum pressure of not more than 350 kPa.

1.2 Installation

The pattern may be installed either within or external to the driveway flowmeter housing, and either before or after the meter.

NOTE: Filters installed AFTER the meter shall not be fitted with a draincock.

1.3 Markings

Instruments are marked with the following data, together in one location:

Manufacturer's name or mark
Model number
NSC approval number
Pressure rating

NSC No S242A
..... kPa

2. Description of Variant 1

A Velcon VF-31 series or VF-61 series filter in lieu of the filter described as the pattern.

- The VF-31 series may be used at flow rates from 15 L/min up to 55 L/min, and with the pump providing a maximum pressure of not more than 862 kPa.
- The VF-61 series may be used at flow rates up to 180 L/min, and with the pump providing a maximum pressure of not more than 1034 kPa.

Any model in either series may have a variety of suffixes.

Figure 2 shows a typical installation.

TEST PROCEDURE

Instruments shall be tested in conjunction with any tests specified in the approval documentation for the instrument to which the pattern is connected, as appropriate, and in accordance with any relevant tests specified in the Inspector's Handbook.

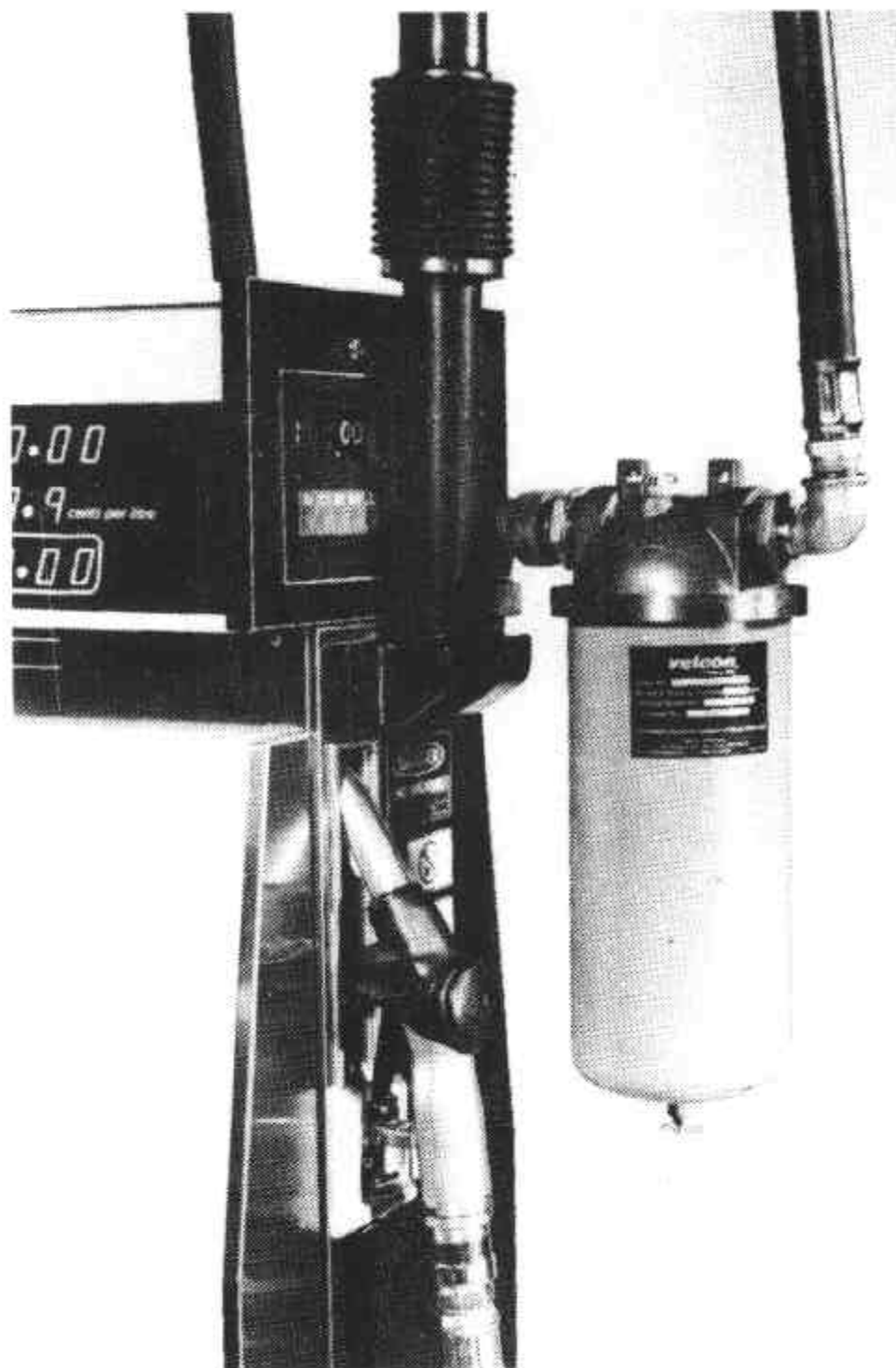
The maximum permissible errors applicable are those applicable to the system to which the instrument approved herein is fitted, as stated in the approval documentation for the system.

FIGURE S242A - 1



Typical Model DK04717 Filter Installation

FIGURE S242A - 2



Typical Velcon Series Filter Installation