

R.S.

5/6A/82  
1/10/85



# NATIONAL STANDARDS COMMISSION

## NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

### REGULATION 9

#### CERTIFICATE OF APPROVAL No 5/6A/82

This is to certify that an approval has been granted that the pattern and variant of the

Gilbarco T142A Series Driveway Flowmeters

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

are suitable for use for trade.

#### Conditions of Approval

This approval is subject to review on or after 1/4/90.

Instruments purporting to comply with this approval shall be marked NSC No 5/6A/82.

This approval may be withdrawn if instruments are constructed and used other than as described in the drawings and specifications lodged with the Commission.

Signed

Executive Director

#### Descriptive Advice

Pattern: approved 15/3/85

. Gilbarco T142A series driveway flowmeters.

Variant: approved 15/3/85

1. T169A series driveway flowmeters.

Technical Schedule No 5/6A/82 describes the pattern and variant.

#### Filing Advice

The documentation for this approval comprises:

Certificate of Approval No 5/6A/82 dated 1/10/85  
Technical Schedule No 5/6A/82 dated 1/10/85  
Figures 1 and 2 dated 1/10/85



# NATIONAL STANDARDS COMMISSION

## TECHNICAL SCHEDULE No 5/6A/82

Pattern: Gilbarco T142A Series Driveway Flowmeters

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

### 1. Description of the Pattern

The pattern is the former Gilbarco Salesmaker T142A blender driveway flowmeters having the blend mechanism disabled so that the dispenser is capable of delivering one product only at flowrates between 15 and 50 L/min.

#### 1.1 Modifications

To disable the blend mechanism the following modifications have been carried out:

- . The blend hose has been replaced.
- . The blend select mechanism has been removed.
- . The blend valve is locked in the "super" position.
- . The "standard" fuel gas separator vent is plugged.
- . The blend control unit (including price-computer) is replaced by any compatible Commission-approved driveway flowmeter indicator.
- . The meter output gearing is changed.
- . The "standard" fuel pump is disengaged.

A gas detector must be fitted if the instrument is used with products other than petrol.

Other pipework and the housing remain unchanged (Figure 1).

#### 1.2 Sealing and Verification Provision

The meter calibration is sealed.

Provision is made for the application of a verification mark.

#### 1.3 Markings

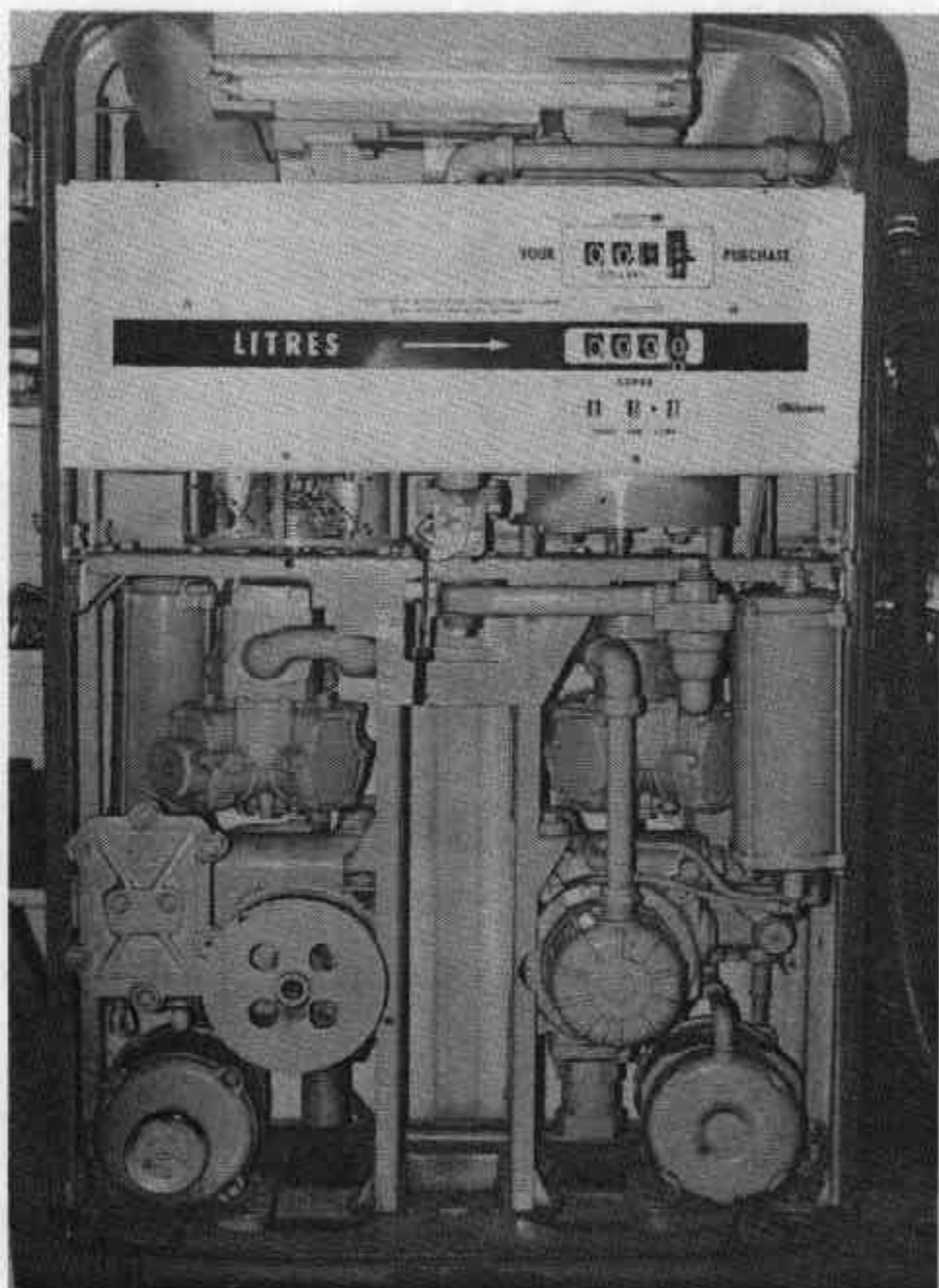
Instruments are marked with the following data, together in the one location:

Manufacturer's name or mark	
Model number	
Serial number	
NSC approval number	5/6A/82
Maximum flowrate	50 L/min
Minimum flowrate	15 L/min
Liquid temperature range	0°C to 40°C
Maximum operating pressure	
Product for which the instrument is verified	

### 2. Description of Variant 1

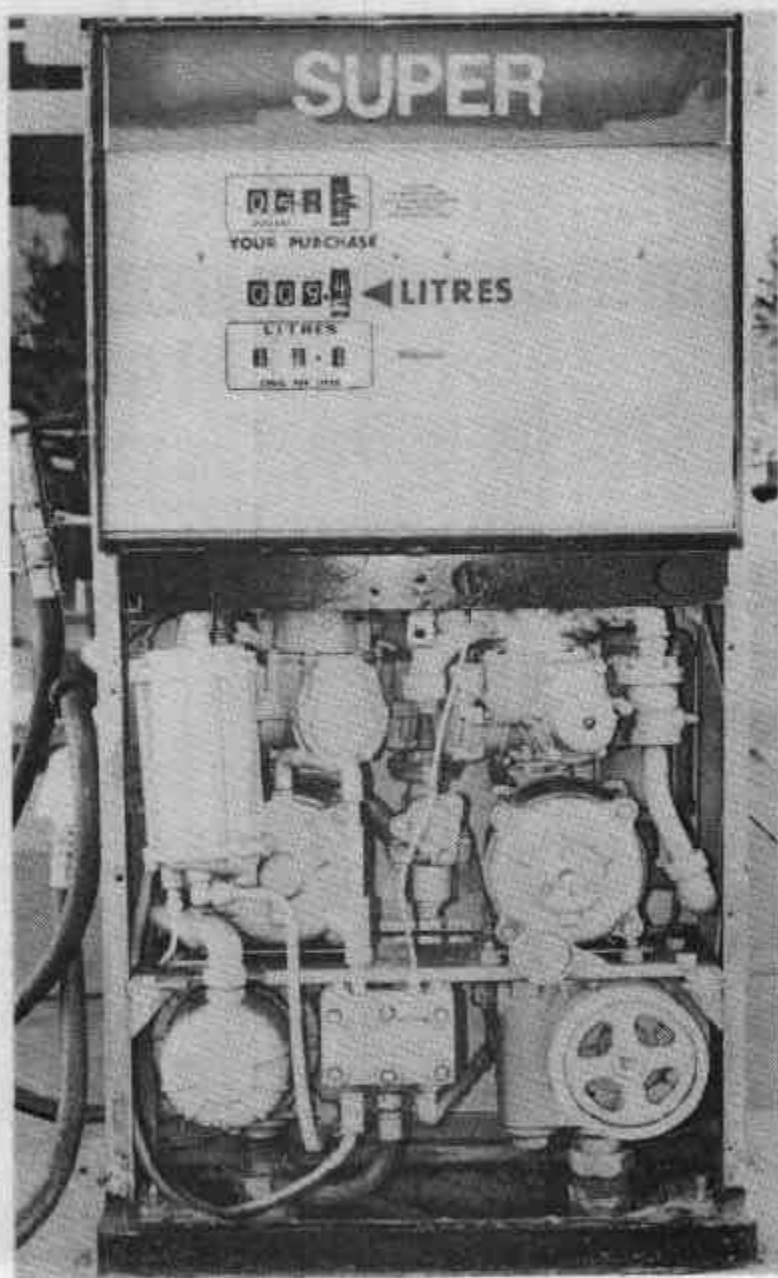
Gilbarco Trimline T169A blending driveway flowmeters modified for single product use as described for the pattern (Figure 2).

FIGURE 5/6A/82 - 1



Typical T142A Series Driveway Flowmeter

FIGURE 5/6A/82 - 2



Typical T169A Series Driven Flowmeter