



S225
14/12/87

NATIONAL STANDARDS COMMISSION

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

SUPPLEMENTARY CERTIFICATE OF APPROVAL No S225

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

Gilbarco T087 Series Driveway Flowmeter Hydraulic System

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

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/10/92.
This approval expires in respect of new instruments on 1/10/93.

Instruments purporting to comply with this approval shall be marked NSC No S225. Instruments incorporating an hydraulic system purporting to comply with this approval shall be marked NSC No S225 in addition to the approval number of the instrument.

This approval may be withdrawn if instruments are constructed other than as described in the drawings and specifications lodged with the Commission.

Signed

Executive Director

Descriptive Advice

Pattern: approved 11/9/87

- Gilbarco T087 series driveway flowmeter hydraulic system including pump/gas separator unit and flow control valve system.

Technical Schedule No S225 describes the pattern.

Filing Advice

The documentation for this approval comprises:

Supplementary Certificate of Approval No S225 dated 14/12/87
Technical Schedule No S225 dated 14/12/87 (including Test Procedure)
Figures 1 and 2 dated 14/12/87



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No S225

Pattern: Gilbarco T087 Series Driveway Flowmeter Hydraulic System.

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

1. Description of Pattern

The pattern is a Gilbarco T087 series hydraulic system which may replace the equivalent components in any Commission-approved Gilbarco driveway flowmeter used to dispense petrol at flow rates up to 50 L/min.

1.1 Components

The main components of the hydraulic system (Figure 1) are:

- . a model T258AP positive displacement pump with integral centrifugal gas separator (Figure 2),
- . a model T257 sump,
- . a model DTO4340 flow control valve,
- . a gas separation test valve, and
- . a pilot valve.

1.2 Gas Separation Test Valve

A valve is installed to permit the gas separator to be tested. The valve has provision for sealing.

1.3 Markings

1.3.1

The following is the minimum data required to be permanently and indelibly marked on the hydraulic system, either on a nameplate or on a metal tag sealed to the instrument:

Manufacturer's name or mark
Serial number
Year of manufacture
NSC approval number

NSC No S225

1.3.2

Driveway flowmeters fitted with an hydraulic system purporting to comply with this approval shall be marked NSC No S225, in addition to the approval number of the flowmeter.

TEST PROCEDURE

The instrument is to be tested in accordance with any tests specified in the approval documentation for the driveway flowmeter to which this instrument is connected, and with the relevant tests in the Inspectors' Handbook.

The results shall not exceed the maximum permissible errors as specified in Document 118, 2nd Edition October 1986.

FIGURE S225 - 1

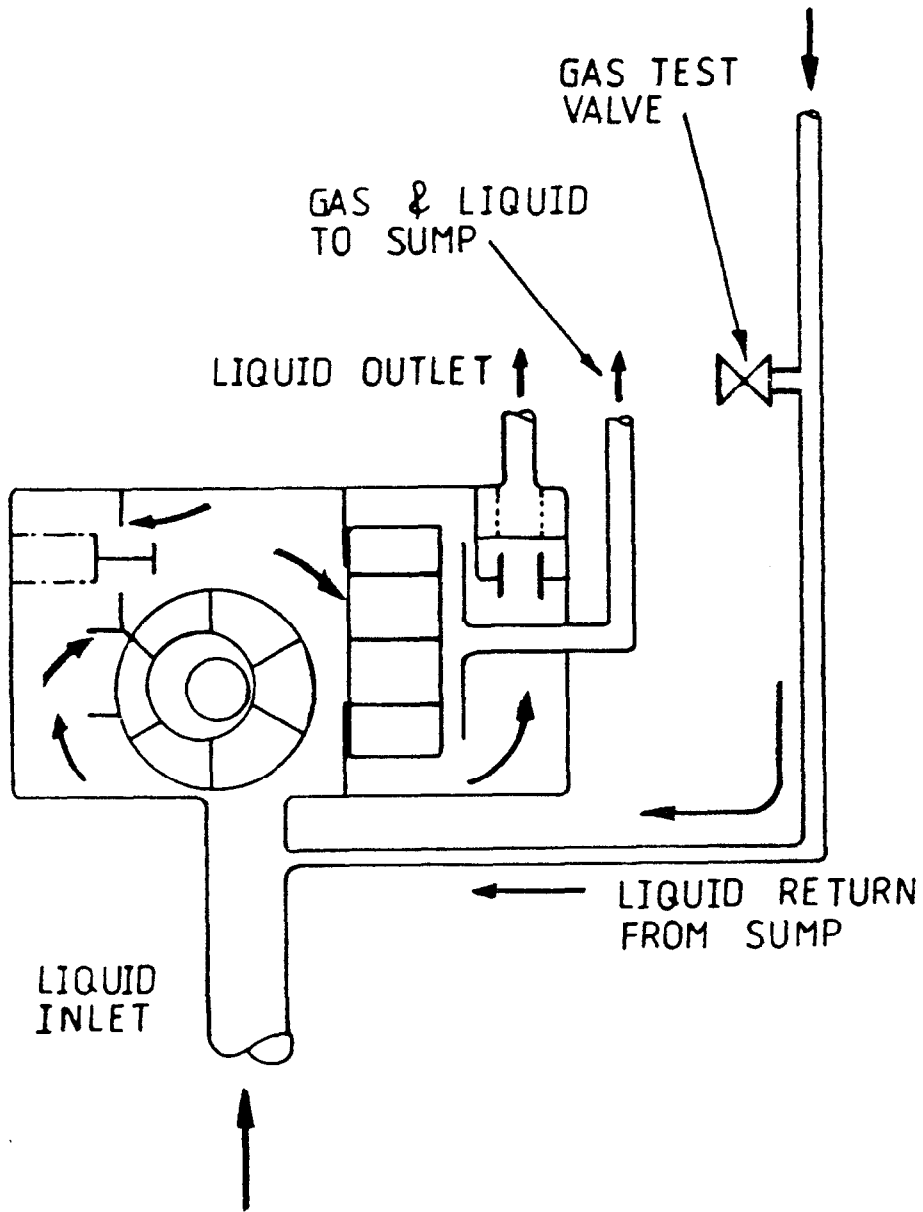
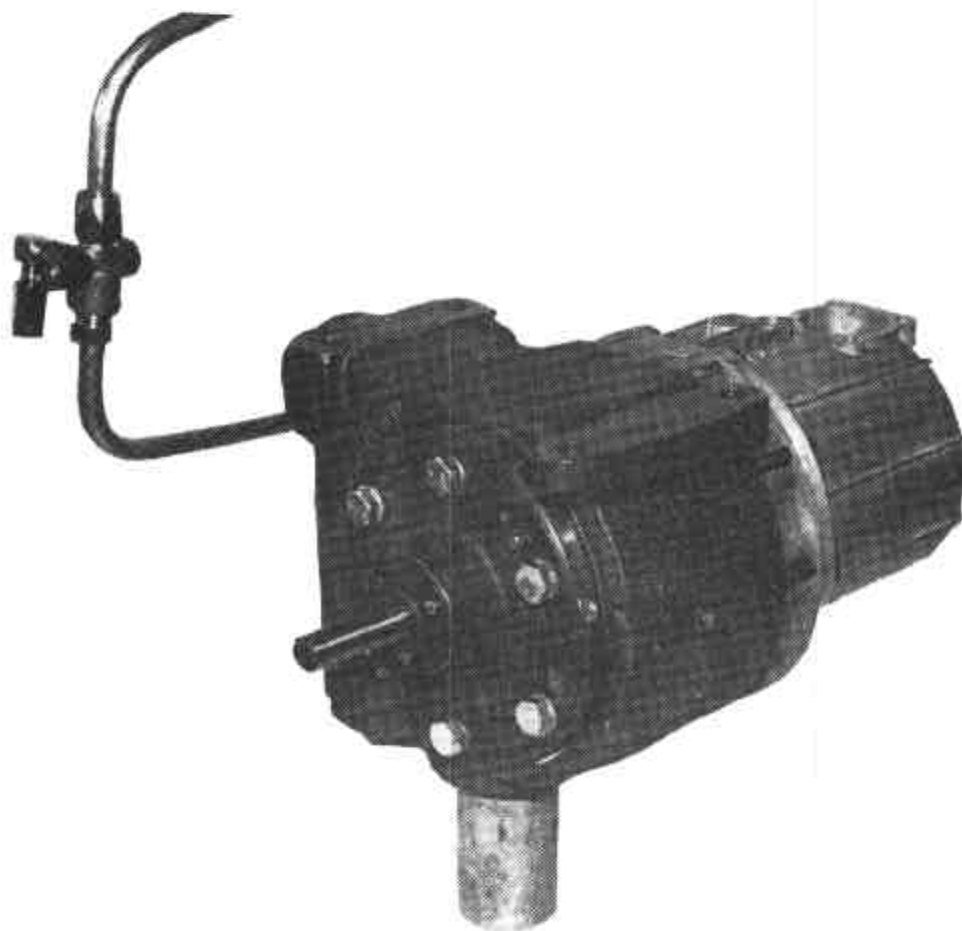


FIGURE S225 - 2



Gilbarco T258AP Pump/Gas Separator