

National Standards Commission



Supplementary Certificate of Approval

No S299

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

LPG Engineering Model Mk 2 Driveway Flowmeter Communication Unit

submitted by LPG Engineering Pty Ltd
 13/257 Colchester Road
 Kilsyth VIC 3137.

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.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/11/98.
This approval expires in respect of new instruments on 1/11/99.

Instruments purporting to comply with this approval shall be marked NSC No S299 and only by persons authorised by the submitter.

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

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.

DESCRIPTIVE ADVICE

Pattern: approved 25/10/93

- An LPG Engineering model Mk 2 driveway flowmeter communication unit.

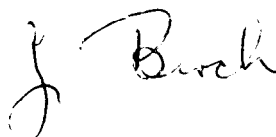
Technical Schedule No S299 describes the pattern.

FILING ADVICE

The documentation for this approval comprises:

Supplementary Certificate of Approval No S299 dated 22/11/93
Technical Schedule No S299 dated 22/11/93 (incl. Test Procedure)
Figure 1 dated 22/11/93

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 S299

Pattern: LPG Engineering Model Mk 2 Driveway Flowmeter
Communication Unit.

Submitter: LPG Engineering Pty Ltd
13/257 Colchester Road
Kilsyth VIC 3137.

1. Description of Pattern

The pattern is an LPG Engineering model Mk 2 driveway flowmeter communication unit (Figure 1) which may be used in a Commission-approved driveway flowmetering system to allow a Gilbarco model T12AC control console (as described in the documentation of NSC approval No S207) to communicate with any Commission-approved driveway flowmeter fitted with a Production Engineering model Retron 80 driveway flowmeter indicator.

NOTE: The system shall not be used for prepay transactions.

1.1 Markings

The communication unit shall be marked with the following data, together in one location:

Manufacturer's name or mark	
Model number	
NSC approval number	NSC No S299
Serial number	
Operating (air) temperature range	0°C/40°C

1.2 Verification/Certification Provision

Provision is made for a verification/certification mark to be applied.

1.3 Sealing Provision

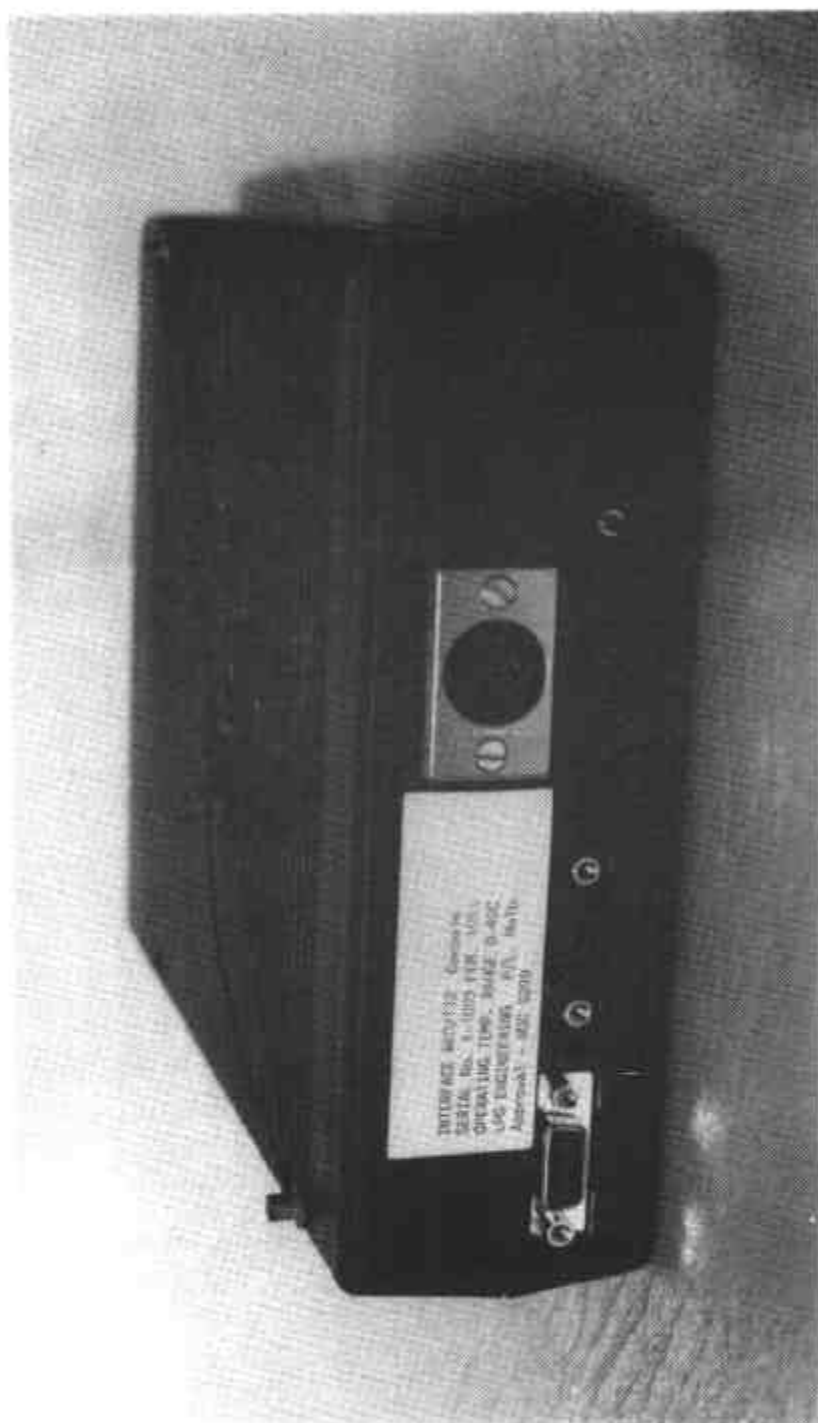
Provision is made for the instrument to be sealed using the screws provided on the top cover. A typical method is shown in Figure 1.

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 S299 - 1



LPG Engineering Model Mk 2 Communication Unit