



## National Standards Commission

12 Lyonpark Road, North Ryde NSW

### Cancellation Supplementary Certificate of Approval No S260

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

Gilbarco Model T176A Driveway Flowmeter Interface Module

submitted by Marconi Commerce Systems Australia Limited  
(formerly Gilbarco Aust. Ltd)  
12-38 Talavera Road  
North Ryde NSW 2113

has been cancelled in respect of new instruments as from 1 August 2001.

Instruments which were verified/certified before that date may, with the concurrence of the relevant verifying authority, be submitted for reverification.

Signed by a person authorised under Regulation 60 of the National Measurement Regulations 1999 to exercise the powers and functions of the Commission under this Regulation.

A handwritten signature in black ink, appearing to read 'Jim Bennett'.

# National Standards Commission



## Supplementary Certificate of Approval

**No S260**

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 T176A Driveway Flowmeter Interface Module

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

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.

A handwritten signature in black ink, appearing to read 'J. Birch', is written over the signature line.

### CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/9/94.  
This approval expires in respect of new instruments on 1/9/95.

Instruments purporting to comply with this approval shall be marked NSC No S260 and only by persons authorised by the submitter.

Instruments incorporating a component purporting to comply with this approval shall be marked NSC No S260 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 14/8/89

. A Gilbarco model T176A driveway flowmeter interface module.

Technical Schedule No S260 describes the pattern.

**Variant:** approved 2/3/92

1. For use with certain driveway flowmeter indicators as listed in Table 1.

Technical Schedule No S260 Variation No 1 describes variant 1.

### FILING ADVICE

Supplementary Certificate of Approval No S260 dated 4/12/89 is superseded by this Certificate and may be destroyed. The documentation for this approval now comprises:

Supplementary Certificate of Approval No S260 dated 28/4/92  
Technical Schedule No S260 dated 4/12/89 (incl. Test Procedure)  
Technical Schedule No S260 Variation No 1 dated 28/4/92 (incl. Table 1)  
Figure 1 dated 4/12/89



# National Standards Commission

## TECHNICAL SCHEDULE No S260

Pattern: Gilbarco Model T176A Driveway Flowmeter Interface Module.

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

### 1. Description of Pattern

The pattern is a Gilbarco model T176A interface module (Figure 1) which may be used in a Commission-approved driveway flowmetering system to allow the Gilbarco model T12AC, TMS15, or T24 consoles (as described in the documentation of NSC approvals Nos S207, S233 and S246, respectively) to communicate with driveway flowmeters fitted with the Commission-approved indicators listed below:

- Email Eclipse MVR79 series indicators, as described in the documentation of NSC approval No S110A; and/or
- Production Engineering Retron 80 series indicators, as described in the documentation of NSC approval No S101.

The system may also include a number of driveway flowmeters fitted with Commission-approved Gilbarco indicators; one or more T176A modules may be used, with each module capable of communicating with up to 16 flowmeters.

### 1.1 Markings

The module is marked with the following data, together in one location:

|                                   |             |
|-----------------------------------|-------------|
| Manufacturer's name or mark       |             |
| Serial number                     |             |
| Model number                      |             |
| NSC approval number               | NSC No S260 |
| Operating (air) temperature range | 0°C to 40°C |

### 1.2 Verification Provision

Provision is made for a verification mark to be applied.

## TEST PROCEDURE

Instruments should be tested in accordance with any relevant tests specified in the Inspector's Handbook. The results should not exceed the maximum permissible errors specified in Document 118, 2nd Edition, October 1986.



# National Standards Commission

TECHNICAL SCHEDULE No S260

VARIATION No 1

**Pattern:** Gilbarco Model T176A Driveway Flowmeter Interface Module.

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

## 1. Description of Variant 1

For use in a Commission-approved driveway flowmetering system using any driveway flowmeter listed in Table 1.

TABLE 1

- Any model of Email multi-product driveway flowmeter as approved in NSC approval No 5/6A/85 fitted with the indicator described for the pattern of that approval.
- Any model of Production Engineering multi-product driveway flowmeter as approved in NSC approval No 5/6A/86 fitted with the model MHP indicator described for the pattern of that approval.

## National Standards Commission



**NOTIFICATION OF CHANGE**  
**SUPPLEMENTARY CERTIFICATE OF APPROVAL No S260**  
**CHANGE No 2**

— The following change is made to the approval documentation for the

Gilbarco Model T24 Driveway Flowmeter Control Console

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

In Supplementary Certificate of Approval No S260 dated 28 April 1992, the Condition of Approval referring to the expiry of the approval should be amended to now read:

"This approval expires in respect of new instruments on 1 October 1996."

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



## Notification of Change Supplementary Certificate of Approval No S260 Change No 3

The following changes are made to the approval documentation for the

Gilbarco Model T176A Driveway Flowmeter Interface Module

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

In Supplementary Certificate of Approval No S260 dated 28 April 1992;

1. The Condition of Approval referring to the review of the approval should be amended to read:

This approval becomes subject to review on 1 September 1994, and then every 5 years thereafter.

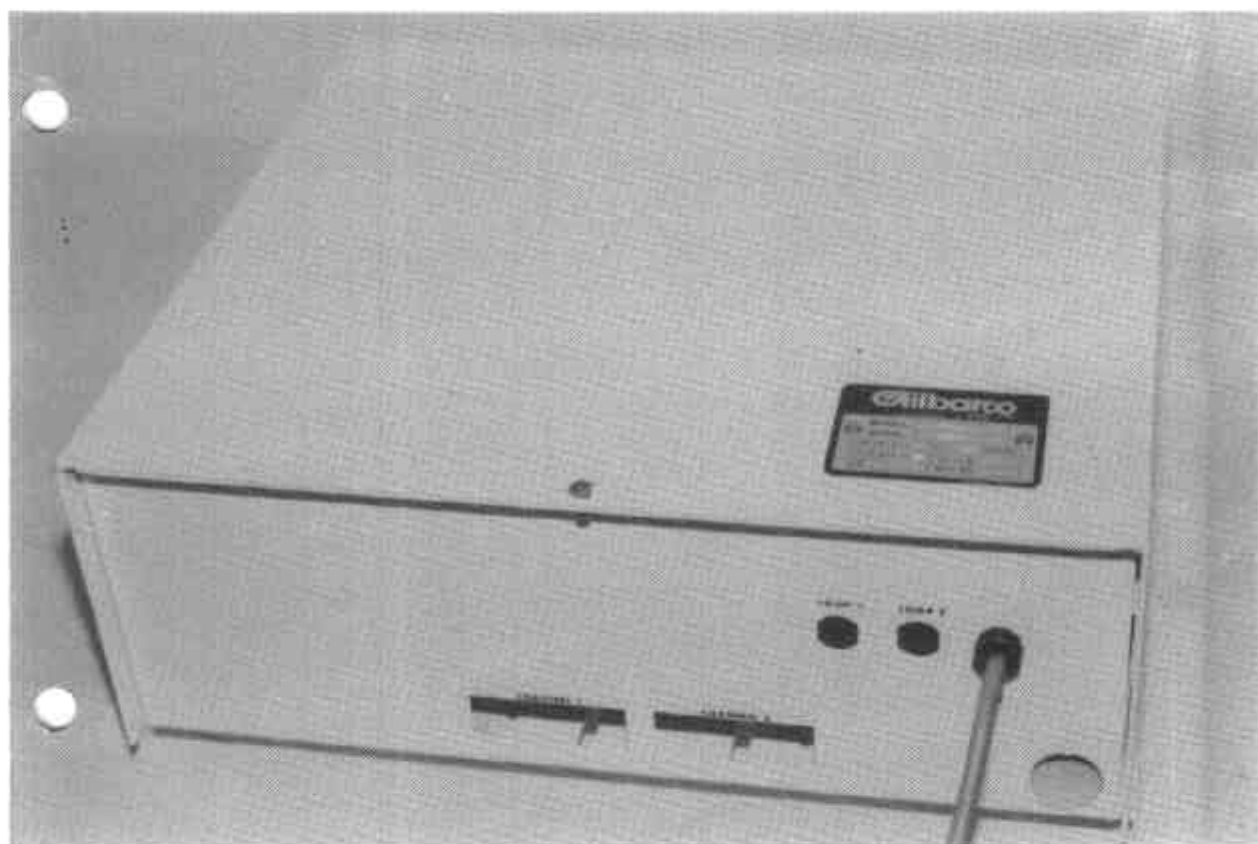
2. The Condition of Approval referring to the expiry of the approval should be deleted.

NOTE:      This was previously amended by Notification of Change No 2.

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



Figure S260 - 1



Gilbarco T176A Interface Module