NATIONAL STANDARDS COMMISSION

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

SUPPLEMENTARY CERTIFICATE OF APPROVAL No S207

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

Gilbarco Model Transac T12AC Driveway Flowmeter Control Console

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

CONDITIONS OF APPROVAL
General:

This approval is subject to review on or after 1/4/91.
This approval expires in respect of new instruments on 1/4/92.

Instruments purporting to comply with this approval shall be marked NSC No S207.

This approval may be withdrawn if instruments are constructed other than as described in the drawings and specifications lodged with the Commission.

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificates Nos S1/0 and/or S2/0, as appropriate.

Special:

The central unit price setting facility shall be disabled when this console is used with driveway flowmeters which have not been Commission-approved with that facility or which are fitted with a Gilbarco Calcopac driveway flowmeter indicator.

Signed

Executive Director

Descriptive Advice

Pattern: approved 30/4/86

–   Gilbarco model Transac T12AC driveway flowmeter control console.

Variant: approved 30/4/86

1.   Without the remote purchaser's indicator.

Technical Schedule No S207 describes the pattern and variant 1.

Variant: approved 1/5/89

2.   Model T11 and T11-5 control consoles.

Technical Schedule No S207 Variation No 1 describes variant 2.

Filing Advice

Supplementary Certificate of Approval No S207 dated 12/9/86 is superseded by this Certificate and may be destroyed.   The documentation for this approval now comprises:

        Supplementary Certificate of Approval No S207 dated 13/6/89
        Technical Schedule No S207 dated 12/9/86
        Technical Schedule No S207 Variation No 1 dated 13/6/89
        Test Procedure No S207 dated 12/9/86
        Figure 1 dated 12/9/86

NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No S207

Pattern: Gilbarco Model Transac T12AC Driveway Flowmeter Control System

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

1.   Description of Pattern

The pattern is a Gilbarco model Transac T12AC control console (Figure 1) which may replace the control console in any Commission-approved Gilbarco driveway flowmeter system. The console may be used with up to 12 Gilbarco driveway flowmeters and with other facilities including:

-    an electronic funds transfer (EFT) facility,

    (Note: The EFT facility is not subject to Pattern Approval.
    A button is provided on the console to permit the
    transfer of the transaction data to the EFT card reader)

-    a vendor's indicator and a remote purchaser's indicator,

-    central unit price setting (refer to the Conditions of Approval), and

-    a preset facility which may be used for prepay or postpay transactions.

1.1   Remote Purchaser's Indicator

This is located near the control console and repeats the control console indications when the system is in prepay or postpay modes.

1.2   Communication Interconnection Box

This allows the operator to electrically disconnect any of the driveway flowmeters from the console.

1.3   Markings

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

    Manufacturer's name or mark
    Serial number
    Model number
    NSC approval number   S207

1.4   Verification Provision

Provision is made for a verification mark to be applied.

2.   Description of Variant 1

Without the remote purchaser's indicator connected to the console, in which case the system cannot be used in prepay mode.

TEST PROCEDURE No S207

The following tests should be conducted in conjunction with any tests specified in the approval documents for the driveway flowmeters to which this instrument is connected.

1.   Postpay Mode

At the console, authorise one or more driveway flowmeters.

(i)   Deliver sufficient liquid to cause the price and volume indicators to move significantly off zero.

'ii)   Stop the pump motor by returning the nozzle to its hang-up position.

(iii)   Remove the nozzle from its hang-up position and check that the computer does not reset to zero and that the pump motor does not start.

(iv)   At the console, check that the price and volume displayed is the same as the price and volume recorded from the driveway flowmeter.

(v)   Repeat steps (i) to (iv) for a number of driveway flowmeters.

2.   Prepay Mode

(i)   Conduct a suitable prepay test on one or more driveway flowmeters. Observe that the flowmeter stops at the preset value, and that when the nozzle is hung up, the corresponding red status LED is not illuminated.

(ii)   For a partially completed delivery, observe that when the nozzle is hung up, the corresponding red status LED flashes slowly, and the driveway flowmeter cannot be authorised for three minutes after the nozzle has been hung up.

(iii)   If there is a driveway flowmeter on site to which a preset panel and indicator is not fitted and/or there is no remote purchaser's indicator connected, attempt to authorise a prepay delivery at the console. This should not be possible.

3.   Price Setting

(i)   Conduct a price change for one or more grades of fuel. Observe that the displays on the corresponding driveway flowmeter blank for one minute after the price change, and that the driveway flowmeter cannot be authorised during this period.

(ii)   Attempt to change the price of a grade of fuel whilst a delivery is in progress. This should not be possible.

NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No S207

VARIATION No 1

Pattern:　　Gilbarco Model Transac T12AC Driveway Flowmeter Control Console.

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

1.　　Description of Variant 2

Gilbarco model T11 and T11−5 control consoles which are similar to the pattern but do not have electronic funds transfer (EFT) facility.　In addition, the model T11 does not have central unit price setting.

FIGURE S207-1

Gilbarco T12AC Console and
Remote Indicator