



**Australian Government**  
**National Measurement  
Institute**

Bradfield Road, West Lindfield NSW 2070

**Cancellation**  
**Supplementary Certificate of Approval**  
**No S417**

Issued by the Chief Metrologist under Regulation 60  
of the  
*National Measurement Regulations 1999*

This is to certify that the approval for use for trade granted in respect of the  
Gilbarco Model Passport Control System for Fuel Dispensers Motor Vehicles

submitted by            Gilbarco Australia Limited  
                                 20 Highgate Street  
                                 Auburn    NSW    2144

has been cancelled in respect of new instruments as from 1 April 2011.

Signed by a person authorised by the Chief Metrologist  
to exercise his powers under Regulation 60 of the  
*National Measurement Regulations 1999*.

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke at the bottom.



# Australian Government

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## National Standards Commission

12 Lyonpark Road, North Ryde NSW 1670 Australia

### Supplementary Certificate of Approval

### No S417

Issued under Regulation 60  
of the  
National Measurement Regulations 1999

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

Gilbarco Model Passport Control System for Fuel Dispensers for Motor Vehicles

submitted by      Gilbarco Australia Limited  
                         20 Highgate Street  
                         Auburn    NSW    2144.

**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 becomes subject to review on 1 September 2008, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No S417 and only by persons authorised by the submittor.

Instruments incorporating a component purporting to comply with this approval shall be marked NSC No S417 in addition to the approval number of the instrument.

It is the submittor'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 NSC P 106.

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

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificate No S1/0/A.

### DESCRIPTIVE ADVICE

**Pattern:** approved 11 August 2003

- A Gilbarco model Passport control system designed for attended operated self-service arrangement with compatible Commission-approved fuel dispensers for motor vehicles.

Technical Schedule No S417 describes the pattern.

### FILING ADVICE

The documentation for this approval comprises:

Supplementary Certificate of Approval No S417 dated 29 September 2003

Technical Schedule No S417 dated 29 September 2003

Figures 1 to 4 dated 29 September 2003

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 be 'J. H. B.', is written on a light-colored background.

## TECHNICAL SCHEDULE No S417

**Pattern:** Gilbarco Model Passport Control System for Fuel Dispensers for Motor Vehicles

**Submittor:** Gilbarco Australia Limited  
20 Highgate Street  
Auburn NSW 2144

### 1. Description of Pattern

The pattern is a Gilbarco model Passport point of sale control system (Figure 1) to provide an attended self-serve facility for compatible (#) Commission-approved fuel dispensers for motor vehicles.

The system includes at least the Gilbarco model Passport control console, a Postec model PCC4 controller and a Postec model PIPI intelligent purchaser indicator.

(#) "Compatible" is defined to mean that no modifications/additions to hardware/software are required to the approved devices.

#### 1.1 Field of Operation

The field of operation of the measuring system is determined by the following characteristics:

- The Gilbarco model Passport point of sale (POS) system is approved for environmental class A, i.e. in a climate-controlled environment between 5°C and 30°C.
- The system can provide a self-serve arrangement for up to 32 Commission-approved fuel dispensers approved for use with the Postec PCC4 controller as described in the documentation of NSC approval No S398, or any other compatible Commission-approved fuel dispensers, provided no modification/addition or hardware/software is required to the system.
- The system allows pre-pay/pre-set deliveries when interfaced to fuel dispensers incorporating a pre-set device.
- The system allows up to two transactions per fuel dispenser, i.e. current sale on the fuel dispenser and a stored transaction.
- The nominal supply voltage is 240 V AC.

#### 1.2 System Description

- (i) The Passport control console (Figure 2) comprises an IBM compatible computer, a visual display unit and Passport POS software version NSC1.0 operating under a Microsoft Windows® environment. This console may also act as the manager's workstation.
- (ii) A Postec PCC4 controller and a Postec Intelligent Purchaser Indicator (PIPI) as described in the documentation of NSC approval No S398, provide interface and data acquisition between the fuel dispensers and control console(s) and allow the recall of the stored transactions under power failure condition.

- (iii) A customer indicator (Figure 3) is connected at the point of sale (POS) terminal location, in addition to the PIPI connected to the Postec PCC4 controller.
- (iv) Up to 8 additional point of sale (POS) terminals, each with a customer indicator at the terminal location, may be interfaced for multi-attended self-serve operation.
- (v) An interconnect box is required for each group of up to 16 fuel dispensers.
- (vi) The following devices may also be connected:
  - A barcode scanner;
  - An uninterruptible power supply unit; and
  - An Epson M129 series customer receipt printer (Figure 2). Note that the printer is mandatory for pre-payment transactions. Sample tickets are shown in Figure 4.

### 1.3 Checking Facilities

- (i) Printer – If an error occurs with the printer a message is displayed on the screen indicating the error.
- (ii) Customer Indicator – If an error occurs with the customer indicator a warning message is displayed on the operator console advising that stored transactions should not continue to be authorised until the error with the display is resolved.
- (iii) PIPI Unit – If the PIPI is disconnected from the PCC4 controller then the memory facility will be disabled. During power failure, the button on the PIPI unit will allow the manual recall of necessary transaction information, including the status (e.g. current sale or stored transaction).

### 1.4 Verification/Certification Provision

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

### 1.5 Descriptive Markings

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

Manufacturer's mark, or name written in full	.....
Model number	.....
Serial number of the instrument	.....
NSC approval number	S417
Operating temperature range	5°C and 30°C (#)

(#) Alternatively, may be shown as:

Environmental class	Class A
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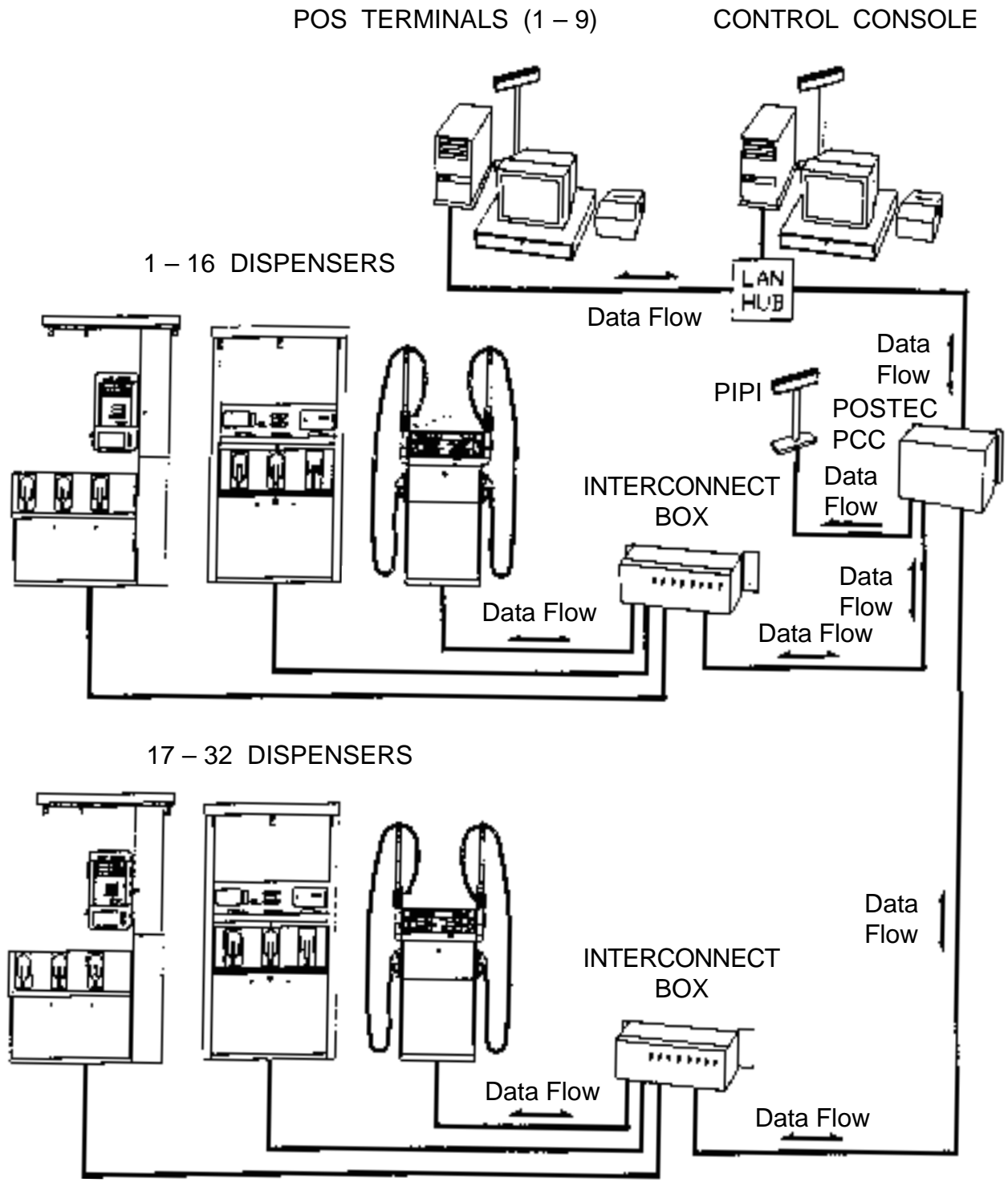
## TEST PROCEDURE

Instruments shall be tested in conjunction with any tests specified in the approval documentation for the instruments to which the pattern is connected, as appropriate, and in accordance with any relevant tests specified in NSC Test Procedure No 5.

Items 3-7 are required at commissioning, thereafter may be conducted at the discretion of the inspecting officer.

1. Check the Passport POS software version number from the Manager Workstation Login screen.
2. Check the Postec PCC4 controller software version number from the Postec PIPI indicator by pressing the button down for more than 5 seconds and then releasing.
3. Check that the unit price change for the grade of fuel is implemented to the allocated fuel dispensers when they are available for authorisation.
4. Check that the Passport control console and the PIPI identify and display the correct data for the corresponding number allocated to the fuel dispenser.
5. Check that when the PIPI is disconnected from PCC4 controller (simulation of fault), the fuel dispenser cannot be authorised for a second delivery unless the transaction for the first delivery has been completed.
6. Check that when the customer indicator is disconnected from the Passport control console PC, a warning message appears advising of an error with the customer indicator. Ensure that while the PIPI is connected to the PCC4 controller transaction details can be retrieved manually.
7. A pre-paid delivery is only possible for fuel dispensers with pre-set facility. For a pre-paid delivery check that the amount displayed on the fuel dispenser equals the pre-paid amount.
8. For systems with a printer, check that the printed receipt contains the correct format and data as per the typical samples in Figure 4.

FIGURE S417 - 1



Gilbarco Model Passport Control System

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FIGURE S417 – 2



Gilbarco Model Passport Control Console, Customer Indicator and Printer



FIGURE S417 – 3



Gilbarco Customer Display

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FIGURE S417 - 4

GILBARCO, 299  
20 HIGHGATE ST  
AUBURN, NSW 2144  
TAXATION # TAXATION NUMBER  
TAX INVOICE  
07/25/2003 12:14:54 PM  
POS: 1 RCPT#: 18  
Your cashier: Area

UNLEAD PUMP#2			
5.00 L @ \$1.000/L		\$5.00	*
UNLEAD PUMP#2			
5.00 L @ \$1.000/L		\$5.00	*
		-----	
	Total =	\$10.00	
Cash		\$-10.00	
Rounding		\$0.00	
	Change Due =	\$0.00	
	Includes GST =	\$0.91	

\* = Taxable Item  
Footer

GILBARCO, 299  
20 HIGHGATE ST  
AUBURN, NSW 2144  
TAXATION # TAXATION NUMBER  
TAX INVOICE  
07/25/2003 12:14:54 PM  
POS: 1 RCPT#: 18  
Your cashier: Area

\*\*\* REPRINT \*\*\* REPRINT \*\*\* REPRINT \*\*\*

UNLEAD PUMP#2			
5.00 L @ \$1.000/L		\$5.00	*
UNLEAD PUMP#2			
5.00 L @ \$1.000/L		\$5.00	*
		-----	
	Total =	\$10.00	
Cash		\$-10.00	
Rounding		\$0.00	
	Change Due =	\$0.00	
	Includes GST =	\$0.91	

\* = Taxable Item  
Footer

GILBARCO, 299  
20 HIGHGATE ST  
AUBURN, NSW 2144  
TAXATION # TAXATION NUMBER  
TAX INVOICE  
07/25/2003 12:20:18 PM  
POS: 1 RCPT#: 19  
Your cashier: Area

Prepay PUMP#1		\$5.00	*
		-----	
	Total =	\$10.00	
Cash		\$-10.00	
Rounding		\$0.00	
	Change Due =	\$0.00	
	Includes GST =	\$0.91	

\* = Taxable Item  
Footer

GILBARCO, 299  
20 HIGHGATE ST  
AUBURN, NSW 2144  
TAXATION # TAXATION NUMBER  
TAX INVOICE  
07/25/2003 12:22:10 PM  
POS: 1 RCPT#: 20  
Your cashier: Area

\*\*\* REPRINT \*\*\* REPRINT \*\*\* REPRINT \*\*\*

UNLEAD PUMP#1			
6.00 L @ \$1.000/L		\$6.00	*
		-----	
	Total =	\$6.00	
Cash		\$-10.00	
Refund Cash		\$4.00	
Rounding		\$0.00	
	Change Due =	\$0.00	
	Includes GST =	\$0.55	

\* = Taxable Item  
Footer

Sample Tickets