

4/5/14B  
7 November 2003



# Australian Government

---

## National Standards Commission

12 Lyonpark Road, North Ryde NSW 2113 Australia

### Cancellation

### Certificate of Approval No 4/5/14B

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

Precision Measures Model Measurematic Liquor Dispenser

submitted by Precision Measures Limited  
Level 1, 6 Buckhurst Street  
South Melbourne VIC 3205

has been cancelled in respect of new instruments as from 1 January 2004.

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 cursive script, appearing to be 'J. H. T.', is written in black ink on a light-colored rectangular background.

# National Standards Commission



## Certificate of Approval

**No 4/5/14B**

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

Precision Measures Model Measurematic Liquor Dispenser

submitted by Precision Measures Limited  
Level 1, 6 Buckhurst Street  
South Melbourne VIC 3205.

This Certificate is issued upon completion of a review of NSC approval No 4/5/14A.

**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 1/1/1999.  
This approval expires in respect of new instruments on 1/1/2000.

Instruments purporting to comply with this approval shall be marked NSC No 4/5/14B and only by persons authorised by the submittor.

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 13/12/93

- A Precision Measures model Measurematic single-delivery liquor dispenser of 30 mL capacity.

**Variants:** approved 13/12/93

1. Of 15 mL capacity.
2. Model Measuremaster liquor dispenser.

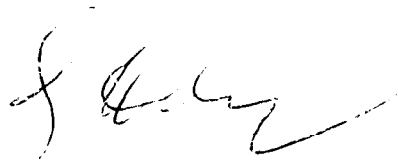
Technical Schedule No 4/5/14B describes the pattern and variants 1 and 2.

#### FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 4/5/14B dated 12/2/94  
Technical Schedule No 4/5/14B dated 12/2/94 (incl. Test Procedure)  
Figures 1 and 2 dated 12/2/94

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 4/5/14B

**Pattern:** Precision Measures Model Measurematic Liquor Dispenser.

**Submittor:** Precision Measures Limited  
Level 1, 6 Buckhurst Street  
South Melbourne VIC 3205.

### 1. Description of Pattern

The pattern is a Precision Measures model Measurematic single-delivery push-button-activated bottle-mounted dispenser (Figure 1) for the measurement of 30 mL of brandy (including cognac and armagnac), gin, rum, vodka or whisky (whiskey).

It consists of a measuring chamber with a motorised cam-operated valving mechanism. The manual push-button, an electronic timing mechanism, and liquid level probes in the inlet tube above the chamber control the motor to ensure that a delivery, once started, cannot be stopped by the operator until completed and that the next delivery cannot be started until the measuring chamber is full as indicated by the LED.

#### 1.1 Operation

A removable bottle adaptor with a valve between the measuring bowl and the bottle allows bottles to be replaced without removing the dispenser from its mount. A non-resettable counter may be fitted.

#### 1.2 Marking

The pattern is clearly and permanently marked '30 mL'. In addition, the instrument is clearly marked, either on a permanently attached nameplate or, as part of the instrument, with the following information:

Manufacturer's name or mark  
Serial number  
NSC number  
Quantity

NSC No 4/5/14B

#### 1.3 Sealing Provision

Provision is made for sealing of the calibration adjustments by placing a destructive label across the joint of the body and the measuring chamber.

## **1.4 Verification/Certification Provision**

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

## **2. Description of Variants**

### **2.1 Variant 1**

Of 15 mL capacity.

### **2.2 Variant 2**

Model Measuremaster liquor dispenser (Figure 2) of 15 or 30 mL capacity where the motorised valving mechanism is replaced by a mechanical air-damped timing mechanism.

At the commencement of the delivery cycle, which is actuated by the operator raising the plunger, the inlet valve closes and the outlet valve opens and remains open for approximately half of the cycle, during which time the delivery of liquor is completed. The outlet valve then closes and the inlet valve opens allowing the measuring chamber to fill.

The liquid level probes control a solenoid which operates to prevent the plunger being raised whenever the probes detect insufficient liquid.

## **TEST PROCEDURE**

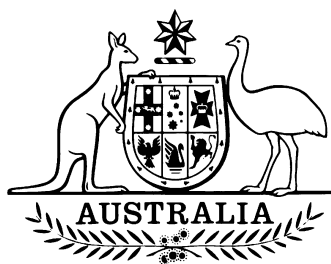
Instruments should be tested in conjunction with any relevant tests specified in the Inspector's Handbook.

### **Maximum Permissible Errors at Verification/Certification**

The maximum permissible errors applicable at verification/certification are:

±0.6 mL for deliveries of 15 mL; and  
±1.0 mL for deliveries of 30 mL.

4/5/14B  
16 August 2000



## **National Standards Commission**

12 Lyonpark Road, North Ryde NSW

### **Notification of Change**

### **Certificate of Approval No 4/5/14B**

### **Change No 1**

The following change is made to the approval documentation for the

Precision Measures Model Measurematic Liquor Dispenser

submitted by Precision Measures Limited  
Level 1, 6 Buckhurst Street  
South Melbourne VIC 3205.

In Certificate of Approval No 4/5/14B dated 12 February 1994, the Condition of Approval referring to the expiry of the approval should be deleted.

Signed by a person authorised under Regulation 63 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'. The signature is written in a cursive, flowing style.

FIGURE 4/5/14B - 1



Precision Measures Model Measurematic Liquor Dispenser

4/5/14B  
12/2/94

FIGURE 4/5/14B - 2



Precision Measures Model Measuremaster Liquor Dispenser