



4/5/14A  
18/3/88

## NATIONAL STANDARDS COMMISSION

### NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

#### REGULATION 9

#### CERTIFICATE OF APPROVAL No 4/5/14A

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

Precision Measures Model Measuremaster Liquor Dispenser

submitted by Precision Measures Limited  
62 Whiteman Street  
South Melbourne Victoria 3205.

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

#### CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/9/92.  
This approval expires in respect of new instruments on 1/9/93.

Instruments purporting to comply with this approval shall be marked NSC No 4/5/14A.

This approval may be withdrawn if instruments are constructed other than as described in the drawings and specifications lodged with the Commission.

Signed

Executive Director

#### Descriptive Advice

Pattern: approved 4/8/87

- Precision Measures model Measuremaster liquor dispenser of 30 mL capacity.

Variants: approved 4/8/87

1. Of 15 mL capacity.
2. With the air-damped timing mechanism replaced by a motorised, cam-operated valving mechanism, and known as the model Measurematic.

Technical Schedule No 4/5/14A describes the pattern and variants.

#### Filing Advice

The documentation for this approval comprises:

Certificate of Approval No 4/5/14A dated 18/3/88  
Technical Schedule No 4/5/14A dated 18/3/88  
Test Procedure No 4/5/14A dated 18/3/88  
Figure 1 dated 18/3/88

TECHNICAL SCHEDULE No 4/5/14A

Pattern: Precision Measures Model Measuremaster Liquor Dispenser.

Submittor: Precision Measures Limited  
62 Whiteman Street  
South Melbourne Victoria 3205.

1. Description of Pattern

The pattern (Figure 1) is a single-delivery plunger-operated bottle dispenser for the measurement of 30 mL of brandy, whisky, vodka, gin or rum.

It consists of a measuring chamber and an internal valving arrangement which, when operated by a pivoted member and an air-damped timing mechanism, allows a measured quantity of liquid to be dispensed into a container.

1.1 Operation

A full quantity of liquid is measured by a measuring chamber, sealed by inlet and outlet valves which are operated by the internal timing mechanism, and are independent of the operator's control. A delivery once started cannot be stopped by the operator and the operating plunger is rendered inoperative throughout this cycle. A delivery having been made, a further delivery cannot be started until the measuring chamber has had sufficient time to refill and the automatic internal interlocks are released.

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.

1.2 Marking and Verification

The instrument is clearly and permanently marked "30 mL". The instrument has provision for a Weights and Measures seal to be affixed.

2. Description of Variants2.1 Variant 1

Of 15 mL capacity.

2.2 Variant 2

With the air-damped timing mechanism replaced by a motorised, cam-operated valving mechanism. Instruments may be of 15 mL or 30 mL capacity and are known as the model Measurematic.



# NATIONAL STANDARDS COMMISSION

4/5/14A  
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## TEST PROCEDURE No 4/5/14A

If water is used for testing this measure and the measuring bowl fails to drain completely, it will be necessary to add approximately one part alcohol to 3 parts water to reduce the surface tension of the test liquid. Methylated spirits can be used as the source of alcohol.

Instruments shall be tested in accordance with the Inspector's Handbook, First Revision, November 1983.

The maximum permissible errors are specified in Document 118, Second Edition, October 1986.

# National Standards Commission



## NOTIFICATION OF CHANGE

CERTIFICATE OF APPROVAL No 4/5/14A

CHANGE No 1

The following changes are made to the approval documentation for the

Precision Measures Model Measuremaster Liquor Dispenser

submitted by Precision Measures Limited  
62 Whiteman Street  
South Melbourne VIC 3205.

In Certificate of Approval No 4/5/14A dated 18/3/88:

1. The address of the submittor should be changed to read;  
"Level 1, 6 Buckhurst Street  
South Melbourne VIC 3205."
2. 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 30/9/93."

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.

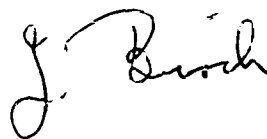


FIGURE 4/5/14A - 1



Measuremaster Liquor Dispenser