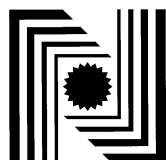
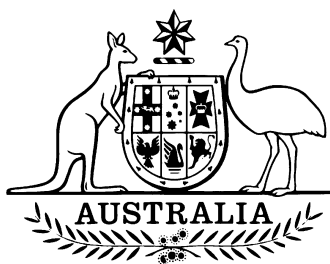


4/1/0/B  
27 June 2002



## National Standards Commission

12 Lyonpark Road, North Ryde NSW

### Cancellation

### Certificate of Approval

**No 4/1/0/B**

Issued under Regulation 60  
of the  
National Measurement Regulations 1999

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

Alcoholic Beverage Measures

has been cancelled in respect of new instruments as from 1 August 2002.

General Certificate of Approval No 4/1/0C issued 15 June 1994 for Alcoholic Beverage Measures is still valid for new instruments.

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.



# National Standards Commission



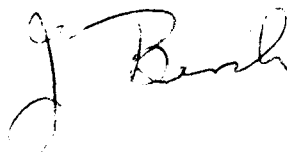
## General Certificate of Approval

**No 4/1/0/B**

Issued under Regulation 9  
of the  
National Measurement (Patterns of Instruments) Regulations

This is to certify that an approval for use for trade has been granted in respect of  
  
Alcoholic Beverage Measures.

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.



### CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/5/95.

It is the manufacturer's responsibility to ensure that all instruments purporting to comply with this approval number are constructed as described in with this Certificate of Approval and Technical Schedule. Failure to comply with this Condition may attract penalties under Section 19B of the National Measurement Act.

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

### DESCRIPTIVE ADVICE

**Pattern:** approved 17/4/90

- Measures of various capacities which are usually filled on request to serve certain alcoholic beverages.

Technical Schedule No 4/1/0/B describes the pattern.

### FILING ADVICE

General Certificate No 4/1/0/B, and its Technical Schedule, both dated 21/5/90, are superseded by this Certificate and Technical Schedule, and may be destroyed.

**Note:** The documentation for this approval has been amended to incorporate the changes detailed in Notification of Change No 1 dated 29/3/91, and other changes to clause **1.2 Marking**.

The documentation for this approval now comprises:

General Certificate of Approval No 4/1/0/B dated 23/8/91  
Technical Schedule No 4/1/0/B dated 23/8/91 (incl. Test Procedure)



# National Standards Commission

## TECHNICAL SCHEDULE No 4/1/0/B

**Pattern:** Alcoholic Beverage Measures.

### 1. Description of Pattern

Beverage measures which are usually filled on request to serve certain alcoholic drinks, in the categories and capacities specified below:

- (a) Liquor measures in capacities of 15 mL, 30 mL or 60 mL, for the sale of brandy (including cognac and armagnac), gin, rum, vodka or whisky (whiskey).
- (b) Drinking measures in capacities from 100 mL to 1 L (e.g. glasses, cups, mugs, etc.) for the sale of beer, stout or ale.
- (c) Portable measures in capacities from 0.5 L to 5 L (e.g. carafes, jugs, etc.) for the sale of beer, stout or ale.

**Note:** Portable containers which are prepacked and contain a marked quantity are not covered by this Approval.

#### 1.1 Construction

##### 1.1.1 Materials

Every measure shall be made of rigid or semi-rigid material.  
Line measures shall be made of transparent or translucent material.

##### 1.1.2 Design

Every measure shall stand firmly on its base, with the brim or the line defining its capacity in a horizontal plane.

Every measure shall empty completely when tilted to an angle of 120° from the vertical.

Every measure shall remain stable, and not overturn, when tilted to an angle of 15° from the vertical, whether it is completely filled, partly filled or empty.

Portable measures may be provided with a stopper.

##### 1.1.3 Capacity Definition

The capacity is the volume which is marked on the measure, which is the volume of liquid the measure is deemed to contain when filled to the prescribed level with liquid at a temperature of 20°C.

The capacity of any line measure shall be defined by a denominated line. The measure shall be clearly and permanently marked on one side with a horizontal line which is not less than 15 mm long and which is not more than 3 mm nor less than 1 mm wide.

The capacity of any brim measure shall be defined by the brim.

Every portable measure shall be a line measure, with the capacity line not less than 20 mm from the brim.

If a stopper is used on a portable measure, the distance between its lower extremity and the capacity line shall be not less than 10 mm.

## 1.2 Marking

Alcoholic beverage measures shall be marked with the following data:

Manufacturer's identification  
Capacity

**Note:** Wherever possible, markings shall be in accordance with AS 1000-1979, *The International System of Units (SI) and its Application*. Numbers less than one shall be written with a zero in front of the decimal marker. Unit symbols are placed after the complete numerical value, leaving a space between the numerical value and the unit symbol. The unit or its symbol are written in lower case, except that an upper case L is the preferred symbol for litre in all cases e.g. 0.5 litre (0.5 L), 500 millilitres (500 mL).

The capacity shall be clearly and permanently marked or moulded on the side of the measure (or, for brim measures, on the side or the base), including the unit or its symbol.

The preferred units (and their symbols) are millilitres (mL) and litres (L). Other acceptable units are centilitres (cL) and decilitres (dL).

Where the measure is marked on the side, the capacity and its unit (or symbol) shall be in the same alignment. The markings shall be in a position clearly visible when the measure is standing on its base.

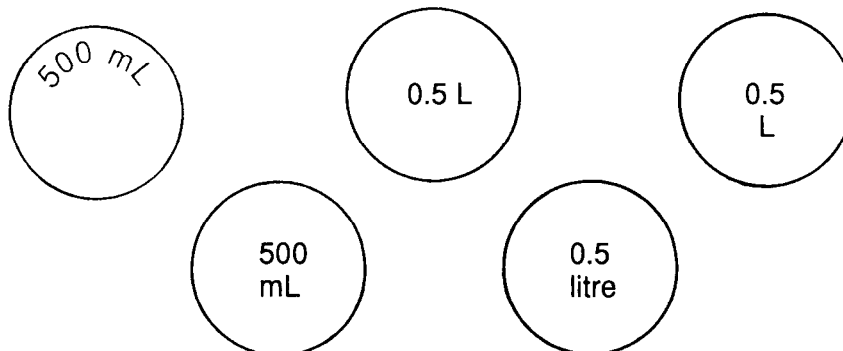
Examples:      Brim measures - 0.5 litre, 500 mL, 0.5 L.

Line measures

————— 0.5 litre      ————— 500 mL      ————— 0.5 L

Where a brim measure is marked on the base, the capacity and its unit (or symbol) shall be in the same alignment, or the unit (or its symbol) shall be below the capacity.

Examples: Brim measures



In the statement of capacity, all numbers and uppercase letters shall be at least 5 mm high (drinking and portable measures) or 3 mm high (liquor measures); all lower case letters shall be at least 3 mm high (drinking and portable measures) or 2 mm high (liquor measures).

Any lines or decorative markings shall be positioned so that they cannot be confused with the capacity line (where applicable) or the mandatory markings.

### 1.3 Maximum Permissible Errors

The maximum permissible errors applicable at verification/certification are:

- |     |                    |                  |          |
|-----|--------------------|------------------|----------|
| (a) | For brim measures; | 15 mL capacity   | + 1 mL   |
|     |                    | 30 mL capacity   | + 2 mL   |
|     |                    | 60 mL capacity   | + 3.5 mL |
|     |                    | other capacities | + 6%     |
| (b) | For line measures; | all capacities   | ± 3%.    |

### TEST PROCEDURE

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