



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

Bradfield Road, West Lindfield NSW 2070

**Notification of Change**  
**General Certificate of Approval No 4/2/0/A**  
**Change No 1**

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

The following changes are made to the approval documentation for the  
Lubricating Oil Measures.

- A. In General Certificate of Approval No 4/2/0/A dated 28 September 1989, the FILING ADVICE should be amended by adding the following:  
Notification of Change No 1 dated 16 July 2009
- B. In Technical Schedule No 4/2/0/A dated 28 September 1989, in clause 1.4.1, the reference to batch testing mark should be amended to read"

Batch testing mark                      BT            (#)  
(#)    **The batch testing mark may alternatively be in the form  
of a stylised scale mark. A typical example is shown below:**



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 flourishes, positioned above a horizontal line.



# NATIONAL STANDARDS COMMISSION

4/2/0/A  
28/9/89

## NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

### REGULATION 9

#### GENERAL CERTIFICATE OF APPROVAL No 4/2/0/A

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

Lubricating Oil Measures.

This Certificate is issued upon completion of a review of NSC Approval No 4/2/0.

#### CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/8/94.

Signed

Executive Director

#### Descriptive Advice

Pattern: approved 13/7/89

- Lubricating oil measures of 0.5 L and 1 L capacity.

- Technical Schedule No 4/2/0/A describes the pattern.

#### Filing Advice

The documentation for this approval comprises:

General Certificate of Approval No 4/2/0/A dated 28/9/89  
Technical Schedule No 4/2/0/A dated 28/9/89 (incl. Test Procedure)





# NATIONAL STANDARDS COMMISSION

4/2/0/A  
28/9/89

## TECHNICAL SCHEDULE No 4/2/0/A

Pattern: Lubricating Oil Measures of 0.5 L and 1 L Capacity.

### 1. Description of Pattern

#### 1.1 Capacity

Lubricating oil measures shall be of capacities of 0.5 L and 1 L only.

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.

#### 1.2 Material of Construction

Measures shall be made of clear uncoloured glass, or clear uncoloured plastic material having such rigidity and stability that it offers the same metrological properties as glass.

#### 1.3 Capacity Lines

Measures shall be clearly and permanently marked with a capacity line which completely encircles the measure, or with two lines not less than 50 mm long on opposite sides; the lines shall be not less than 2.5 mm wide.

#### 1.4 Marking

##### 1.4.1

Oil measures shall be marked with the following data:

Manufacturer's mark  
Mould number or batch number  
Capacity (\*)

**Batch testing mark**



**BT**

(\*) Refer to clause 1.4.3 below.

Note: Manufacturers should ensure that the measures are marked in accordance with the batch testing requirements of the state of manufacture.

##### 1.4.2

Measures shall be moulded or marked with an arrow pointing vertically upwards, together with the marking FILL TO LINE INDICATED BY ARROW. The tip of the arrow shall be not more than 5 mm below the capacity line and there shall be a space of not less than 10 mm and not more than 15 mm between the capacity line and any properly attached top or spout, and such space shall be free of letters, numbers, marks or lines.

##### 1.4.3

The capacity shall be clearly and permanently marked or moulded on the side of the measure, including the unit (litre) or its symbol (L). Measures of 0.5 L capacity may alternatively be marked in millilitres (mL).

1.5 Maximum Permissible Errors

The maximum permissible errors are:

0.5 L capacity	+ 20 mL
1.0 L capacity	+ 30 mL

TEST PROCEDURE No 4/2/0/A

Lubricating oil measures should be tested in accordance with the relevant test, specified in the Inspectors' Handbook.