



# NATIONAL STANDARDS COMMISSION

12 LYONPARK ROAD NORTH RYDE SYDNEY N.S.W.

Your ref:

Correspondence: Executive Officer  
P.O. Box 282 NORTH RYDE  
N.S.W. 2113

Our ref:

Telegrams: NATSTANCOM SYDNEY  
Telephone: 888 3922

## CERTIFICATE OF APPROVAL No 4/5/7

This is to certify that the patterns of the

JD UDM Liquor Dispenser

submitted by H. Downey (SA) Pty Ltd,  
133 West Beach Road,  
Richmond, South Australia, 5033,

have been approved under the Weights and Measures (Patterns of Instruments) Regulations as being suitable for use for trade.

Date of Approval: 5 June 1975

The patterns are described in Technical Schedule No 4/5/7, and in drawings and specifications lodged with the Commission.


The approval is subject to review on or after 31 December 1975.

All instruments conforming to this approval shall be marked with the approval number "NSC No 4/5/7".

Approval is granted on condition that:

1. The instrument is used in the manner prescribed by the manufacturer's instructions.
2. (a) For a 15-ml measure there is not more than one measurement of less than 14,4 ml or greater than 15,6 ml in a sample of 10 measurements taken from a bottle which is approximately 75% full, and the mean of such 10 measurements is not less than 15 ml; and  
(b) for a 30-ml measure there is not more than one measurement of less than 29 ml or greater than 31 ml in a sample of 10 measurements taken from a bottle which is approximately 75% full, and the mean of such 10 measurements is not less than 30 ml.

Signed

  
Executive Officer

30/6/75

Bull 7



# NATIONAL STANDARDS COMMISSION

## TECHNICAL SCHEDULE No 4/5/7

Pattern: JD UDM Liquor Dispenser

Submittor: H. Downey (SA) Pty Ltd,  
133 West Beach Road,  
Richmond, South Australia, 5033.

Date of Approval: 5 June 1975

### Conditions of Approval:

1. The instrument is to be used in the manner prescribed in the manufacturer's instructions (see below).
2. (a) For a 15-ml measure there is to be not more than one measurement of less than 14,4 ml or greater than 15,6 ml in a sample of 10 measurements taken from a bottle which is approximately 75% full, and the mean of such 10 measurements is to be not less than 15 ml; or  
(b) for a 30-ml measure there is to be not more than one measurement of less than 29 ml or greater than 31 ml in a sample of 10 measurements taken from a bottle which is approximately 75% full, and the mean of such 10 measurements is to be not less than 30 ml.
3. All instruments conforming to this approval shall be marked "NSC No 4/5/7".

### Description:

The pattern (see Figure 1) is a push-up type bottle dispenser for the measurement of 15 ml of brandy, whisky, vodka, gin, or rum. It consists of a measuring chamber and suitable valving arrangements which allow a measured quantity of liquid to be dispensed into a container when the control bar is raised to its full extent.

Weights and Measures inspectors should note that the measurement of a

full quantity of liquid depends on the bar being raised to its full extent for a time sufficient to allow complete draining of the measuring chamber; a new delivery should not be commenced until the chamber is recharged. Each operation requires a time in excess of 2 seconds. The instrument measuring chamber is clearly and permanently marked "15 ml".

The approval includes the measure being 30 ml (see Figure 2); in this case the measuring chamber is clearly and permanently marked "30 ml".

The instrument has provision for a Weights and Measures seal to be affixed.

#### Special Tests:

The instrument would be adequately tested if 10 deliveries are made from a bottle not less than  $\frac{3}{4}$  full at the beginning of the test and the resultant total delivery is not less than 150 ml in the case of the 15-ml measure and 300 ml in the case of the 30-ml measure.

#### Manufacturer's Operating Instructions:

1. Place rim of serving glass under the operating arm, and press firmly upwards until the measure is empty, then release sharply. Do not interrupt a delivery.
2. Do not start a delivery until the measure is full of liquid.
3. Between deliveries the operating arm should not be lifted in any way, even slightly, as drips may occur.



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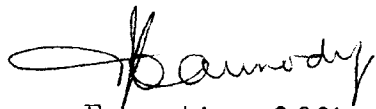
This is to certify that the approval granted by the Commission on 5 June 1975 under the Weights and Measures (Patterns of Instruments) Regulations, and described in Certificate No 4/5/7 dated 30 June 1975 and the relevant Technical Schedule, for the

JD UDM Liquor Dispenser

will expire on 31 December 1975.

The approval has been limited because the instrument is over-sensitive to operator skill and/or an excessive number of production models submitted for verification have been rejected on metrological grounds.

Signed

  
Executive Officer

17/12/75

FIGURE 4/5/7 - 1



JD UDM 15-ml Liquor Dispenser

30/6/75

FIGURE 4/5/7 - 2



JD UDM 30-ml Liquor Dispenser

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