

4/5/12B
21 December 2004



Australian Government

**National Measurement
Institute**

12 Lyonpark Road, North Ryde NSW 2113

Notification of Change
Certificate of Approval No 4/5/12B
Change No 2

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

The following change is made to the approval documentation for the

JD Model EMU CHIC Spirit Dispenser

submitted by Bryring Pty Ltd
38 Hamilton Street
Dapto NSW 2530.

In Technical Schedule No 4/5/12B dated 10 September 1993, clause **1. Description of Pattern** should be amended by adding the following footnote:

“Note: The valve seat and delivery tube in **existing** instruments (of the pattern and variants) may be replaced by the valve seat and delivery cup of instruments approved under Certificate of Approval 4/5/12C (for the KRS Design Model EMU CH8/A Spirit Dispenser).”

Note: Approval 4/5/12B was cancelled in respect of **new** instruments on 1 June 2000.

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, appearing to be 'J. H. T.', written in a cursive style.

4/5/12B
25 May 2000



National Standards Commission

12 Lyonpark Road, North Ryde NSW

Cancellation Certificate of Approval No 4/5/12B

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

JD Model EMU CHIC Spirit Dispenser

submitted by Bryring Pty Ltd
38 Hamilton Street
Dapto NSW 2530

has been cancelled in respect of new instruments as from 1 June 2000.

Instruments which were verified/certified before that date may, with the concurrence of the relevant verifying authority, be submitted for reverification.

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.

National Standards Commission



Certificate of Approval

No 4/5/12B

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

JD Model EMU CHIC Liquor Dispenser

submitted by H Downey Pty Ltd
(formerly J. D. Engineering Services Pty Ltd)
8 Cope Street
Preston VIC 3072.

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 becomes subject to review on 1 August 1998, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No 4/5/12B 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 27 July 1993

- A JD model EMU CHIC liquor dispenser of 30 mL capacity. Also known as an EMU CHIC model CH8.

Variant: approved 27 July 1993

1. Of 15 mL capacity.

Technical Schedule No 4/5/12B describes the pattern and variant 1.

Variant: approved 10 May 1996

2. With a solenoid-operated valving arrangement.

Technical Schedule No 4/5/12B Variation No 1 describes variant 2.

FILING ADVICE

Certificate of Approval No 4/5/12B dated 10 September 1993 is superseded by this Certificate and may be destroyed. The documentation for this approval now comprises:

Certificate of Approval No 4/5/12B dated 25 September 1996
Technical Schedule No 4/5/12B dated 10 September 1993 (incl. Test Procedure)
Technical Schedule No 4/5/12B Variation No 1 dated 25 September 1996 (incl. Notification of Change)
Figure 1 dated 10 September 1993
Figures 2 and 3 dated 25 September 1996

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 4/5/12B

Pattern: JD Model EMU CHIC Liquor Dispenser.

Submitter: J. D. Engineering Services Pty Ltd
3 Heaslop Street
Woolloongabba QLD 4102.



1. Description of Pattern

The pattern is a JD model EMU CHIC 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 motor-operated internal valving arrangement. The manual push-button, an electronic timing mechanism, and a low liquid level detector in the reservoir 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 LEDs.

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 counter may be fitted which displays up to 99999 deliveries.

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 4/5/12B

1.3 Verification/Certification Provision

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

1.4 Sealing Provision

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

2. Description of Variant 1

Of 15 mL capacity.

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.



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National Standards Commission

TECHNICAL SCHEDULE No 4/5/12B

VARIATION No 1

Pattern: JD Model EMU CHIC Liquor Dispenser.

Submittor: H Downey Pty Ltd
8 Cope Street
Preston VIC 3072.



1. Description of Variant 2

With the measuring chamber now having a solenoid-operated (rather than motor-operated) internal valving arrangement (Figures 2 and 3). The manual push-button, an electronic timing mechanism, and a low liquid level detector in the reservoir above the valve controls, control the solenoid 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 LEDs.

A counter may be fitted which displays up to 9999 deliveries.

NOTIFICATION OF CHANGE

In Technical Schedule No 4/5/12B dated 10 September 1993:

1. The reference to the submittor should be amended to read;

Submittor: H Downey Pty Ltd
(formerly J. D. Engineering Services Pty Ltd)
8 Cope Street
Preston VIC 3072.

2. Clause 1. **Description of Pattern** should be amended by adding the following, as the last sentence of the first paragraph;

"May also be known as an EMU CHIC model CH8 liquor dispenser."

National Standards Commission



Notification of Change Certificate of Approval No 4/5/12B Change No 1

The following change is made to the approval documentation for the

JD Model EMU CHIC Liquor Dispenser

submitted by H Downey Pty Ltd
8 Cope Street
Preston VIC 3072.

In Certificate of Approval No 4/5/12B and its Technical Schedule Variation No 1 both dated 25 September 1996, and in Technical Schedule No 4/5/12B dated 10 September 1993, all references to the submittor should be amended to read:

Bryring Pty Ltd
38 Hamilton Street
Dapto NSW 2530.

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.

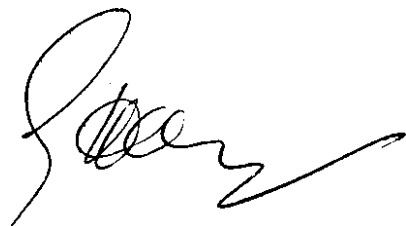
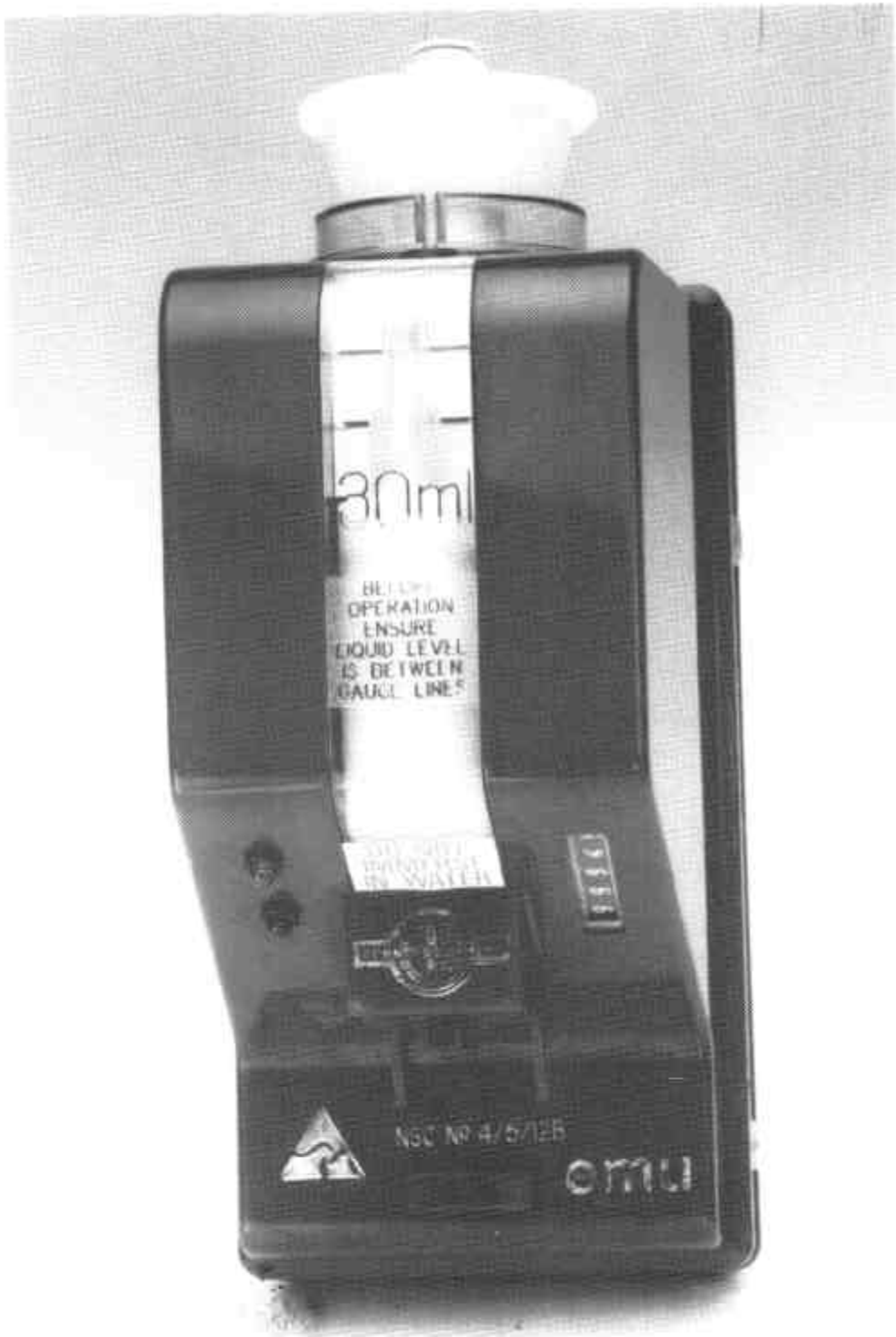


FIGURE 4/5/12B - 1



JD Model EMU CHIC Liquor Dispenser

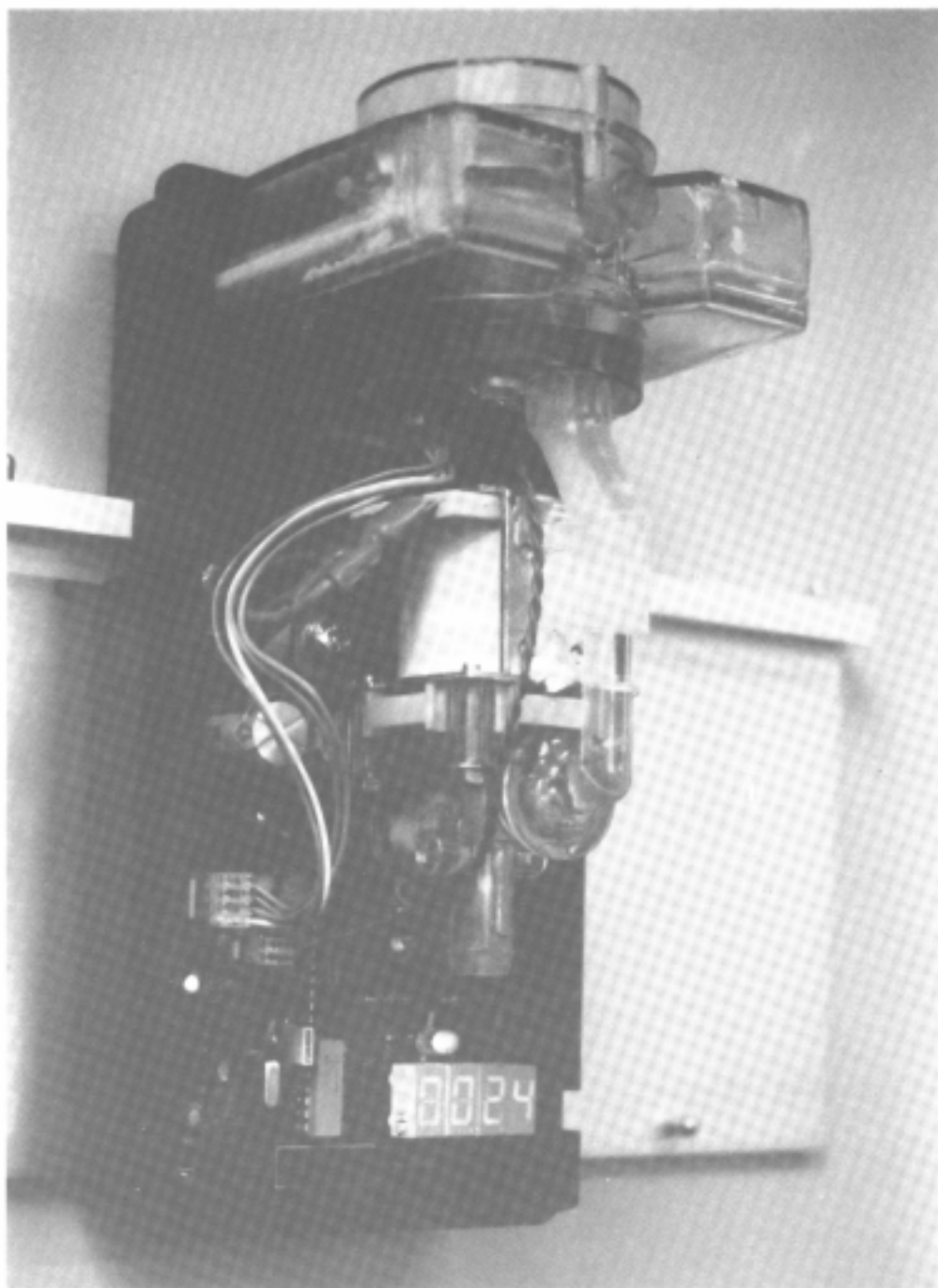
FIGURE 4/5/12B - 2



EMU CHIC Liquor Dispenser - Variant 2

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FIGURE 4/5/12B - 3



EMU CHIC Liquor Dispenser - Variant 2