

National Standards Commission



Certificate of Approval No 6/4D/260

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 the

Hycom Model Angel Weighing Instrument

submitted by Hycom Equipment Pty Ltd
Unit 13, 22-28 Kareena Road
Miranda NSW 2228.

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.

A handwritten signature in black ink, appearing to read 'J. Birch', written in a cursive style.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/11/94.
This approval expires in respect of new instruments on 1/11/95.

Instruments purporting to comply with this approval shall be marked NSC No 6/4D/260 and only by persons authorised by the submittor.

It is the submittor's responsibility to ensure that all instruments marked with this approval number are constructed as described in the drawings and specifications 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.

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

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificates Nos S1/0 and/or S2/0, as appropriate.

DESCRIPTIVE ADVICE

Pattern: approved 26/10/89

- A Hycom model Angel self-indicating price-computing weighing instrument of 15 kg capacity with a verification scale interval of 0.005 kg.

Technical Schedule No 6/4D/260 describes the pattern.

FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 6/4D/260 dated 30/3/90
Technical Schedule No 6/4D/260 dated 30/3/90 (incl. Test Procedure)
Figure 1 dated 30/3/90



National Standards Commission

TECHNICAL SCHEDULE No 6/4D/260

Pattern: Hycom Model Angel Weighing Instrument.

Submittor: Hycom Equipment Pty Ltd
Unit 13, 22-28 Kareena Road
Miranda NSW 2228.

1. Description of Pattern

A Hycom model Angel self-indicating price-computing weighing instrument of 15 kg capacity with a verification scale interval of 0.005 kg (Figure 1). The instrument has unit price to \$999.99/kg and price to \$999.99, and may be fitted with output sockets for the connection of peripheral and/or auxiliary devices.

The instrument may be as shown in Figure 1 or with the display unit and/or weighing unit and/or keyboard in separate housings.

1.1 Zero

Zero is automatically corrected to within $\pm 0.25e$ whenever power is applied and whenever the instrument comes to rest within $0.5e$ of zero. The zero light illuminates whenever zero is set within $0.25e$.

1.2 Display Check

A display check is initiated whenever the TEST button is pressed.

1.3 Tare

A semi-automatic taring device of up to 9.995 kg capacity may be fitted.

1.4 Cash Register Facility

The instrument may be connected to a cash register in which case an additional button may be fitted to the front panel of the instrument.

1.5 Markings

Instruments are marked with the following data, together in one location:

| | |
|-----------------------------|--------------------|
| Manufacturer's name or mark | |
| Serial number | |
| NSC approval number | NSC No 6/4D/260 |
| Accuracy class | (III) |
| Maximum capacity | Max kg * |
| Minimum capacity | Min kg * |
| Verification scale interval | e = d = kg * |
| Maximum subtractive tare | T = - kg |

* Repeated in the vicinity of each reading face.

1.6 Levelling

The instrument is provided with adjustable feet and adjacent to the level indicator is a notice advising that the instrument must be level when in use.

1.7 Verification Provision

Provision is made for a verification mark to be applied.

TEST PROCEDURE

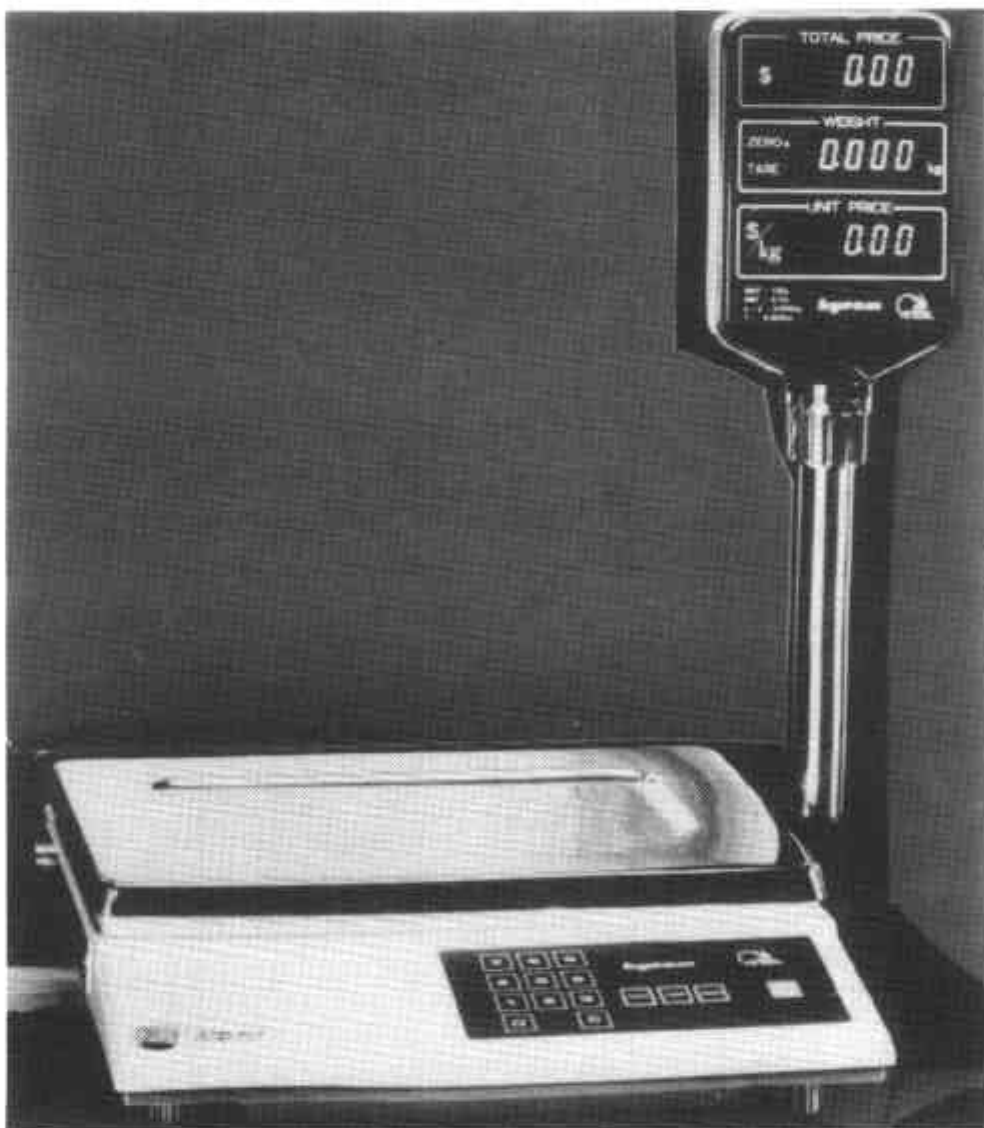
Instruments should be tested in conjunction with any relevant tests specified in the Inspector's Handbook.

Maximum Permissible Errors at Verification/Certification

The maximum permissible errors for increasing and decreasing loads, expressed in terms of verification scale interval (e), with the instrument adjusted to zero within $\pm 0.25e$ at no load, are:

- $\pm 0.5e$ for loads from 0 to 500e;
- $\pm 1.0e$ for loads over 500e up to 2 000e; and
- $\pm 1.5e$ for loads over 2 000e.

Figure 6/40/260 - 1



Hycom Angel Weighing Instrument