



NATIONAL STANDARDS COMMISSION

CERTIFICATE OF APPROVAL No 6/3/5

This is to certify that the pattern and variants of the
Wedderburn Weighing Instrument Model 107

submitted by J.W. Wedderburn & Sons Pty Ltd,
90 Parramatta Road,
Summer Hill, New South Wales, 2130.

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

Pattern: approved 27/4/79

. With maximum capacity 1 kg.

Variants: approved 29/6/79

1. With maximum capacity 2 kg.
2. With indicator visible from vendor's side only.

The pattern and variants are described in Technical Schedule
No 6/3/5 issued on 15/9/80, and in drawings and specifications
lodged with the Commission.

The approval is subject to review on or after 1/5/84.

All instruments conforming to this approval shall be marked
with the approval number "NSC No 6/3/5".

Signed

Executive Director

15/9/80



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/3/5

Pattern: Wedderburn Weighing Instrument Model 107

Submittor: J.W. Wedderburn & Sons Pty Ltd,
90 Parramatta Road,
Summer Hill, New South Wales, 2130.

1. Description of Pattern

The pattern is a counter scale of maximum capacity 1 kg (Figures 1). It comprises an equal-arm lever with a weights receptor and a load receptor located above the beam. The weights receptor and load receptor are maintained horizontal by a Roberval lever mechanism.

The instrument is provided with a balance indicator visible from both sides and a balance box located beneath the load receptor. The nameplate is marked with the following data:

Manufacturer's name

Serial number of instrument

NSC approval number in the form:

NSC No 6/3/5

Accuracy class in the form:

III

Maximum capacity in the form:

Max 1 kg

Minimum capacity in the form:

Min 0,05 kg

Verification scale interval in the form:

$e = 1 \text{ g}$

2. Description of Variants

1. With maximum capacity 2 kg; in which case the markings on the instrument are altered to read:

Max 2 kg

Min 0,05 kg

$e = 1 \text{ g}$

2. The indicator visible from the vendor's side only; in addition to its capacity markings, the instrument is marked NOT FOR RETAIL COUNTER USE.

3. Test Procedure

The following tests should be applied to ensure that an instrument complies with the approved pattern:

1. Sensitivity

A mass of 0,5e for loads up to 500e, and 1e for loads between 501e and 2000e, when placed on the load receptor at equilibrium should cause a permanent displacement of the index of at least 2 mm.

2. Accuracy requirements

The maximum permissible errors are:

$\pm 0,5e$ for loads between 0 and 500e; and
 $\pm 1e$ for loads between 501e and 2000e.

6/3/5
21/9/87



NATIONAL STANDARDS COMMISSION

CANCELLATION CERTIFICATE OF APPROVAL No 6/3/5

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

Wedderburn Model 107 Weighing Instrument

submitted by J W Wedderburn & Sons Pty Ltd
90 Parramatta Road
Summer Hill NSW 2130.

expired in respect of new instruments on 1 July 1987.

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

Signed

A handwritten signature in black ink, appearing to be 'J. W. Wedderburn', written in a cursive style.

Acting Executive Director

FIGURE 6/3/5 - 1



Wedderburn Model 107