



# CANCELLED

## NATIONAL STANDARDS COMMISSION

### CERTIFICATE OF APPROVAL No 6/4A/19

This is to certify that the pattern and variants of the

J.W. Wedderburn Model P1 Weighing Instrument

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 29/6/79

Of capacity 6 kg with a centre-zero mass reading face graduated in 5 g scale intervals up to -50 g.

Variant: approved 29/6/79

1. Of capacity 2 kg with a mass reading face in 2 g scale intervals up to -20 g.

Variation No 1: approved 24/10/80

2. The 6 kg instrument with any of the following:

- (a) ungraduated tare bar
- (b) ungraduated tare bar and graduated weigh beam of capacity 500 g by 5 g
- (c) one or two graduated weigh beams of capacity 500 g by 5 g

3. The 2 kg instrument with any of the following:

- (a) ungraduated tare bar
- (b) ungraduated tare bar and graduated weigh beam of capacity 100 g by 2 g
- (c) one or two graduated weigh beams of capacity 100 g by 2 g

The pattern and variants are described in Technical Schedule No 6/4A/19 and Variation No 1, dated 15/11/79 and 7/11/80, and in drawings and specifications lodged with the Commission.

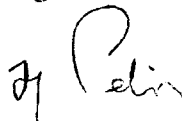
The approval is subject to review on or after 1/7/84.

All instruments conforming to this approval shall be marked with the approval number "NSC No 6/4A/19".

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This Certificate replaces that issued on 15/11/79, which may be destroyed.

Signed

A handwritten signature in dark ink, appearing to read "J. Pelin". The signature is written in a cursive style with a large, looped initial "P".

Executive Director

7/11/80



# NATIONAL STANDARDS COMMISSION

## TECHNICAL SCHEDULE No 6/4A/19

Pattern: J. W. Wedderburn Model P1 Weighing Instrument

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

Date of Approval: 29 June 1979

All instruments conforming to this approval shall be marked "NSC No 6/4A/19".

### Description of Pattern:

The pattern is a partly self-indicating weighing instrument of 6 kg capacity, with a centre-zero mass reading face, graduated in 5 g scale intervals up to  $\pm 50$  g, on both sides of the instrument (Figures 1 and 2).

The basework comprises a Roberval lever fitted with an oil dashpot and with balance boxes beneath both the load and weight receptors (Figure 3).

The indicating mechanism consists of an indicator attached to the top of a flexible steel strip, the bottom of which is anchored to the housing of the instrument. The steel strip is the load resistant. The indicator is moved by an arm fixed to the main lever and attached to the base of the indicator by a spring and a push-rod.

The nameplate is marked with the following data:

Manufacturer's name	
Serial number of instrument	
NSC approval number in the form:	NSC No 6/4A/19
Accuracy class in the form:	III
Maximum capacity in the form:	Max 6 kg *
Minimum capacity in the form:	Min 0,1 kg *
Verification scale interval in the form:	d = e = 5 g *

\* These markings are repeated on both mass reading faces.

The instrument is marked NOT FOR RETAIL COUNTER USE.

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.../2..

Variant:

With capacity 2 kg and mass reading face graduated in 2 g intervals up to  $\pm 20$  g; the instrument is marked:

Max	2 kg
Min	0,04 kg
d = e =	2 g

Test Procedure:Accuracy Requirements

$\pm 0,5e$  for loads between 0 and  $500e$ , and  
 $\pm 1e$  for loads between  $501e$  and the maximum capacity of the instrument.



# NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/4A/19

VARIATION No 1

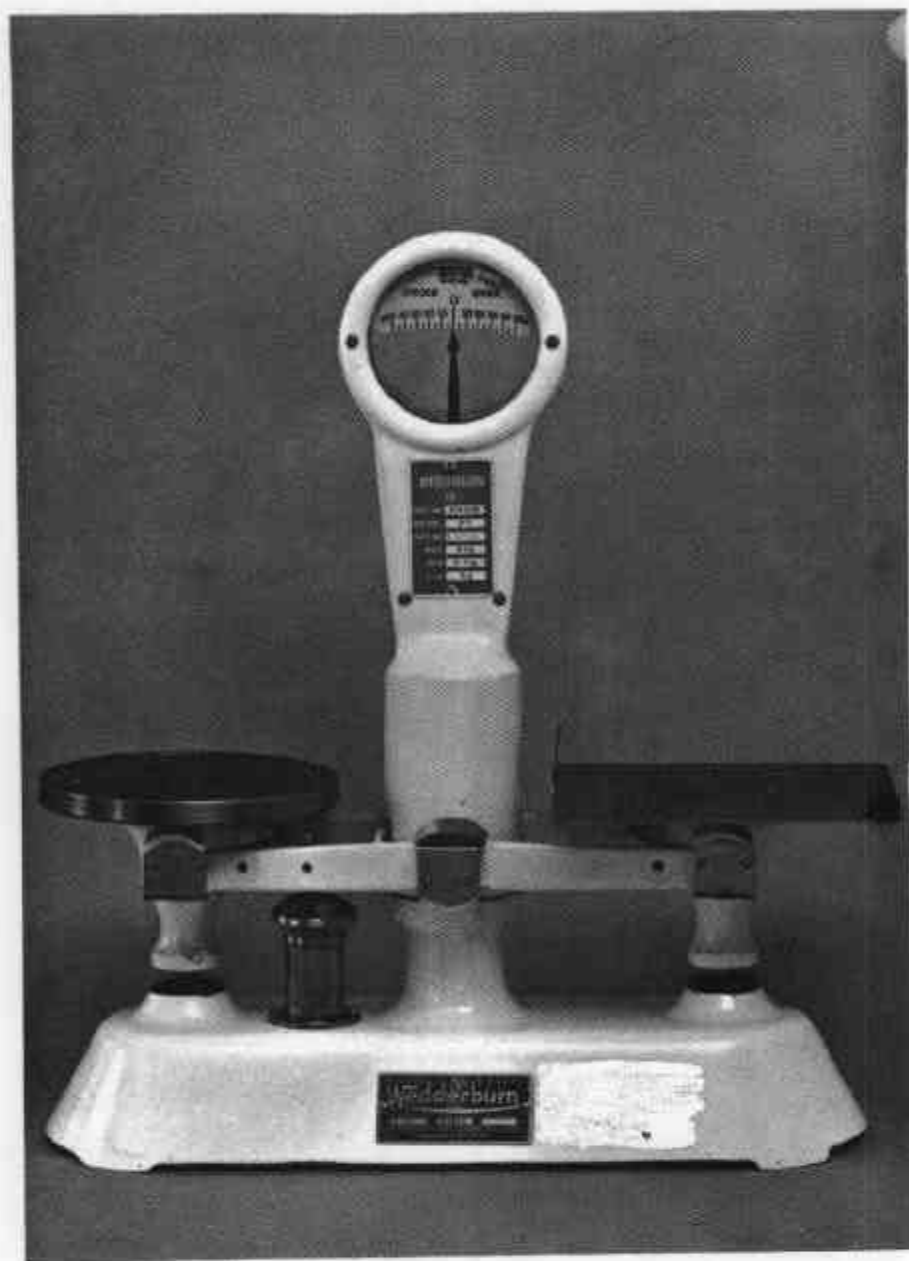
Pattern: J.W. Wedderburn Model P1 Weighing Instrument

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

1. Description of Variants

2. The pattern of 6 kg capacity fitted with either
  - (a) an ungraduated tare bar; or
  - (b) an ungraduated tare bar and graduated weigh beam of capacity 500 g by 5 g; or
  - (c) one or two graduated weigh beams of capacity 500 g by 5 g (Figure 4).
3. The 2 kg instrument fitted with either
  - (a) an ungraduated tare bar; or
  - (b) an ungraduated tare bar and graduated weigh beam of capacity 100 g by 2 g;
  - (c) one or two graduated weigh beams of capacity 100 g by 2 g.

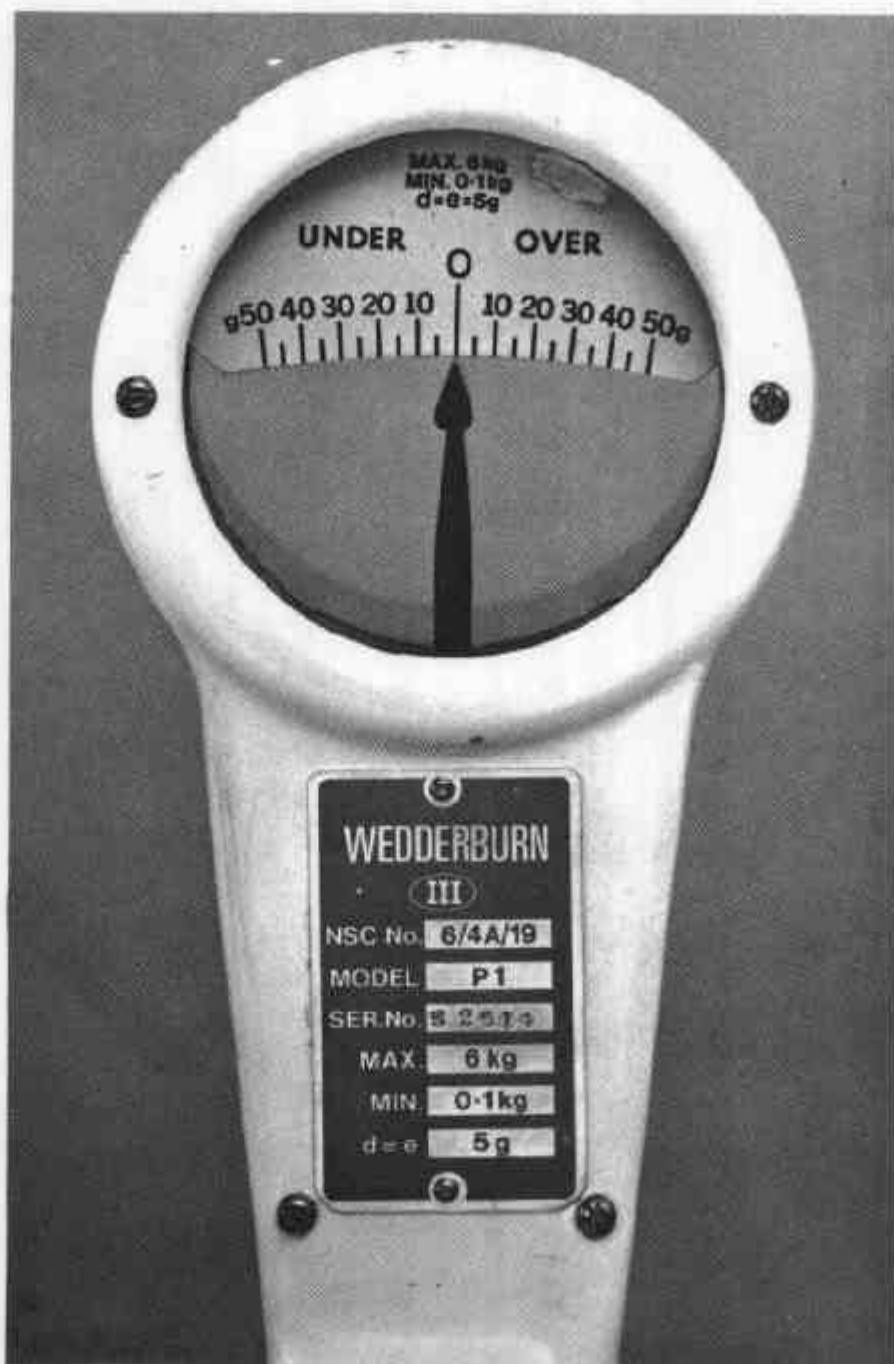
FIGURE 6/4A/19 - 1



J. W. Wedderburn Model Pl

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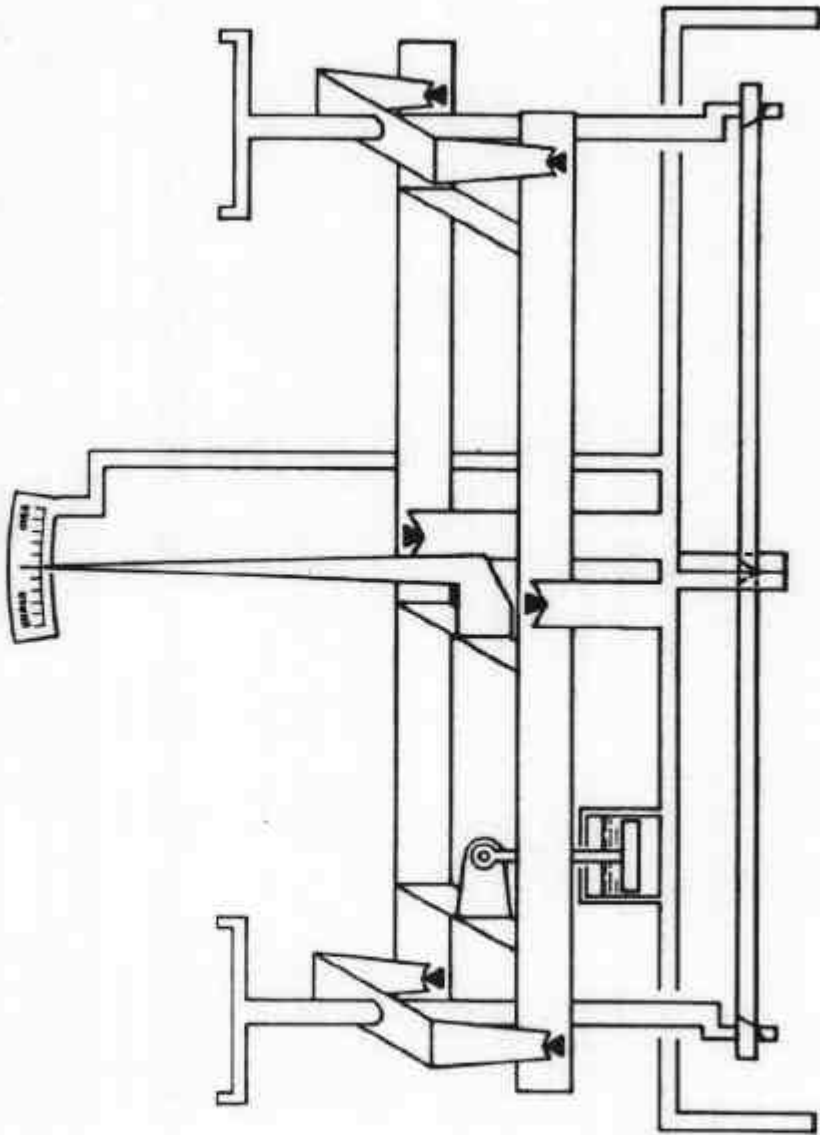
FIGURE 6/4A/19 - 2



Model P1 — Reading Face

15/11/79

FIGURE 6/4A/19 - 3

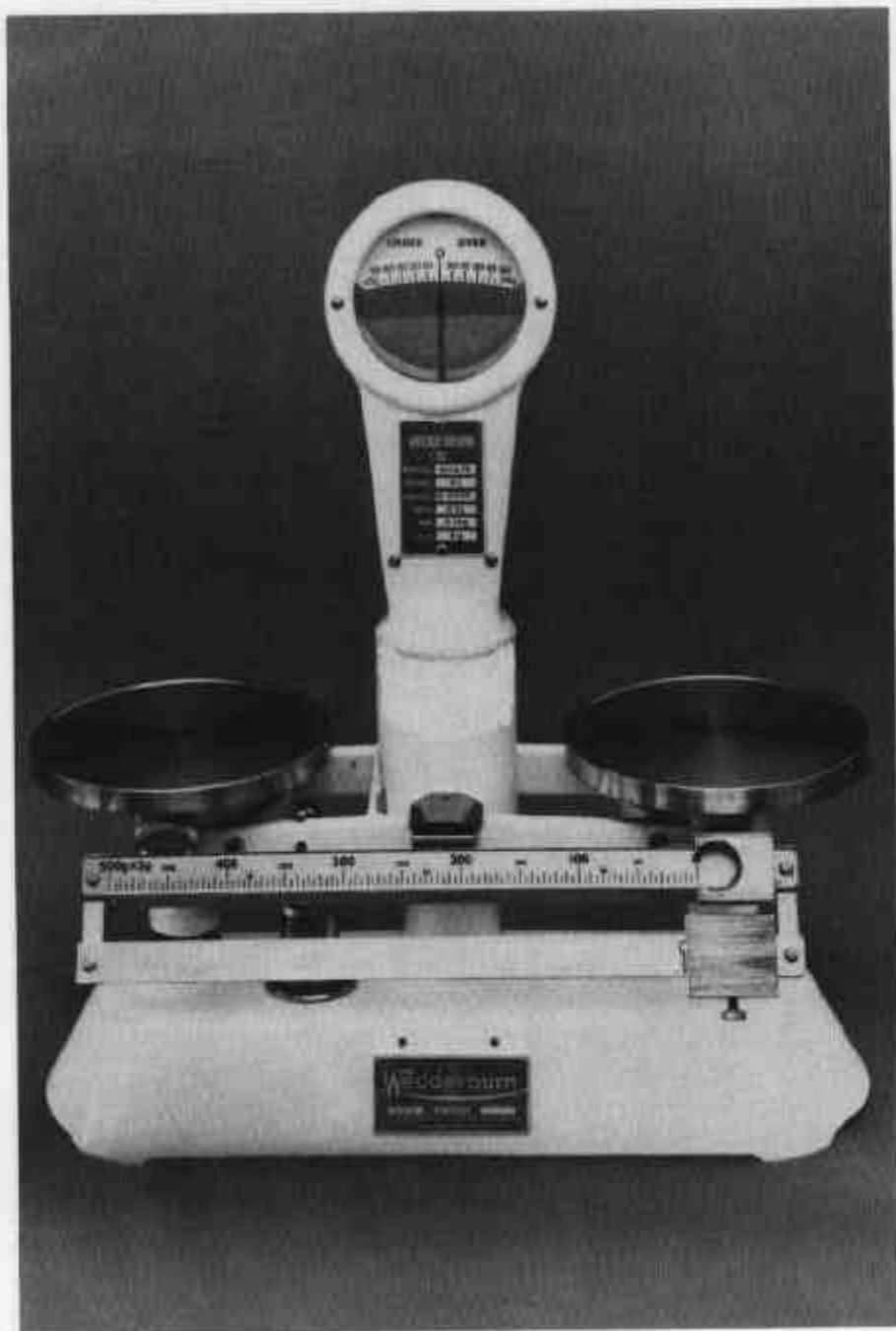


Model P1 — Schematic Diagram

15/11/79



FIGURE 6/4A/19 - 4



Model P1 with Graduated Weigh Beam  
and Ungraduated Tare Bar

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