

6/3/6  
10/6/86



## NATIONAL STANDARDS COMMISSION

### CANCELLATION CERTIFICATE OF APPROVAL No 6/3/6

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

Wedderburn Model 501 Weighing Instrument

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

has been cancelled in respect of new instruments as from 1 May 1986.

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

Signed

Executive Director



# NATIONAL STANDARDS COMMISSION

WEIGHTS & MEASURES (PATTERNS OF INSTRUMENTS) REGULATIONS - REGULATION 9

CERTIFICATE OF APPROVAL No 6/3/6

This is to certify that an approval has been granted by the Commission that the pattern and variants of the

Wedderburn Weighing Instrument Model 501

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

are suitable for use for trade.

The approval of the pattern and variants is subject to review on or after 1/5/84.

All instruments purporting to comply with this approval shall be marked NSC No 6/3/6.

Relevant drawings and specifications are lodged with the Commission.

Signed

Executive Director

Descriptive Advice

Pattern: approved 27/4/79

. Counter scale of 10 kg capacity.

Variants: approved 29/6/79

1. Of capacity 5 kg.
2. Of capacity 15 kg.
3. Of capacity 25 kg.

Technical Schedule No 6/3/6 dated 4/9/79 describes the pattern and variants 1 to 3.

Variant: approved 20/8/81

4. With modified balance indicator.

Technical Schedule No 6/3/6 Variation No 1 dated 10/12/81 describes variant 4.

Filing Advice

Certificate of Approval No 6/3/6 dated 4/9/79 is superseded by this Certificate and may be destroyed.

The documentation for this approval now comprises:

Certificate of Approval No 6/3/6 dated 10/12/81  
Technical Schedule No 6/3/6 dated 4/9/79  
Technical Schedule No 6/3/6, Variation No 1 dated 10/12/81

10/12/81



# NATIONAL STANDARDS COMMISSION

## TECHNICAL SCHEDULE No 6/3/6

Pattern: Wedderburn Weighing Instrument Model 501

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

### Description of Pattern:

The pattern is a counter scale of maximum capacity 10 kg (Figure 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 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 6/3/6
Accuracy class in the form:	III
Maximum capacity in the form:	Max 10 kg
Minimum capacity in the form:	Min 0,25 kg
Verification scale interval in the form:	e = 5 g

### Description of Variants:

1. With maximum capacity 5 kg, in which case the markings in the instrument are altered to read:

Max 5 kg <sup>III</sup>  
Min 0,125 kg  
e = 2 g

2. With maximum capacity 15 kg, in which case the markings are altered to read:

III  
Max 15 kg  
Min 0,375 kg  
e = 10 g

3. With maximum capacity 25 kg, in which case the markings are altered to read:

Max	25 kg
Min	0,625 kg
e	= 10 g

Test Procedure:

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

1. Sensitivity

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

2. Accuracy Requirements

The maximum permissible errors are:

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



# NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/3/6

VARIATION No 1

Pattern: Wedderburn Weighing Instrument Model 501

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

1. Description of Variant

1.1 Variant 4

With modified balance indicator as illustrated in Figure 2.



# NATIONAL STANDARDS COMMISSION

## NOTIFICATION OF CHANGE

CERTIFICATE OF APPROVAL No 6/3/6

CHANGE No 1

The description of the

Wedderburn Weighing Instrument Model 501

given in Technical Schedule No 6/3/6, is altered by changing the markings of minimum capacity and verification scale interval in Variant 2 (the 15 kg instrument) to read:

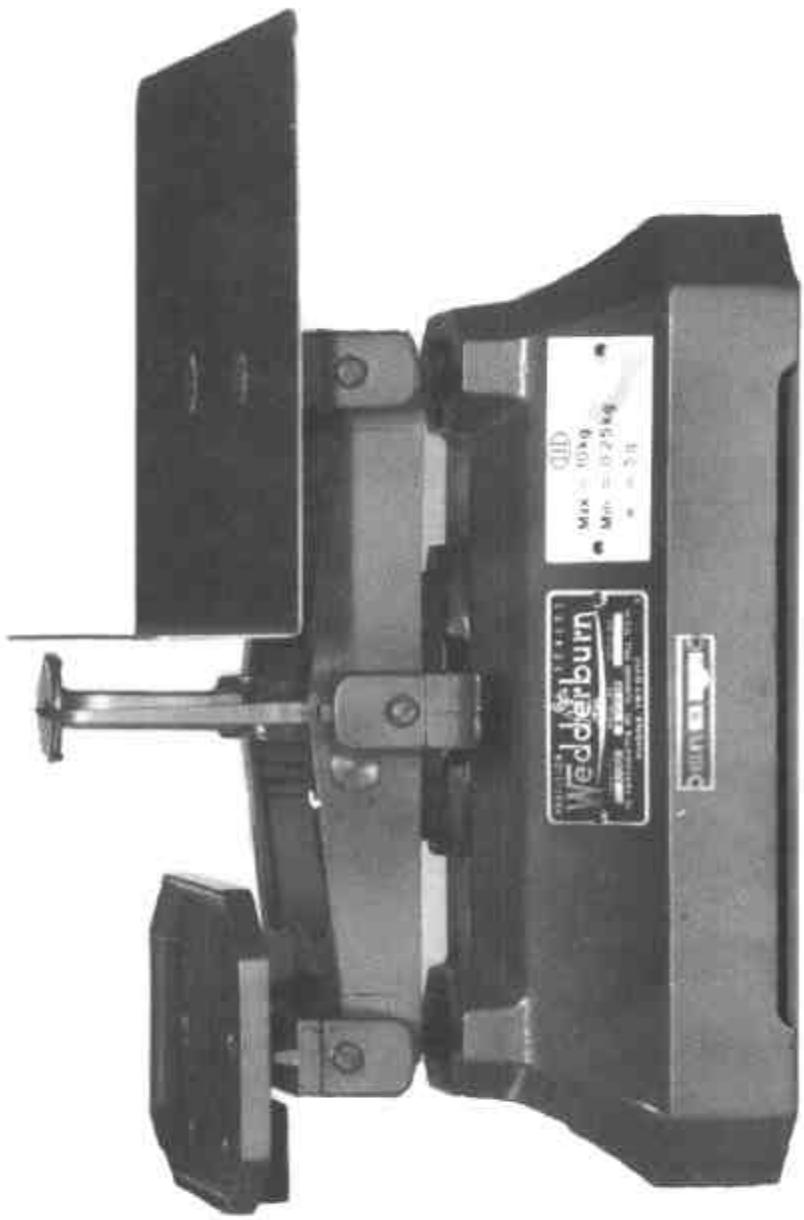
Min 0,375 kg  
e = 10 g

28/9/79

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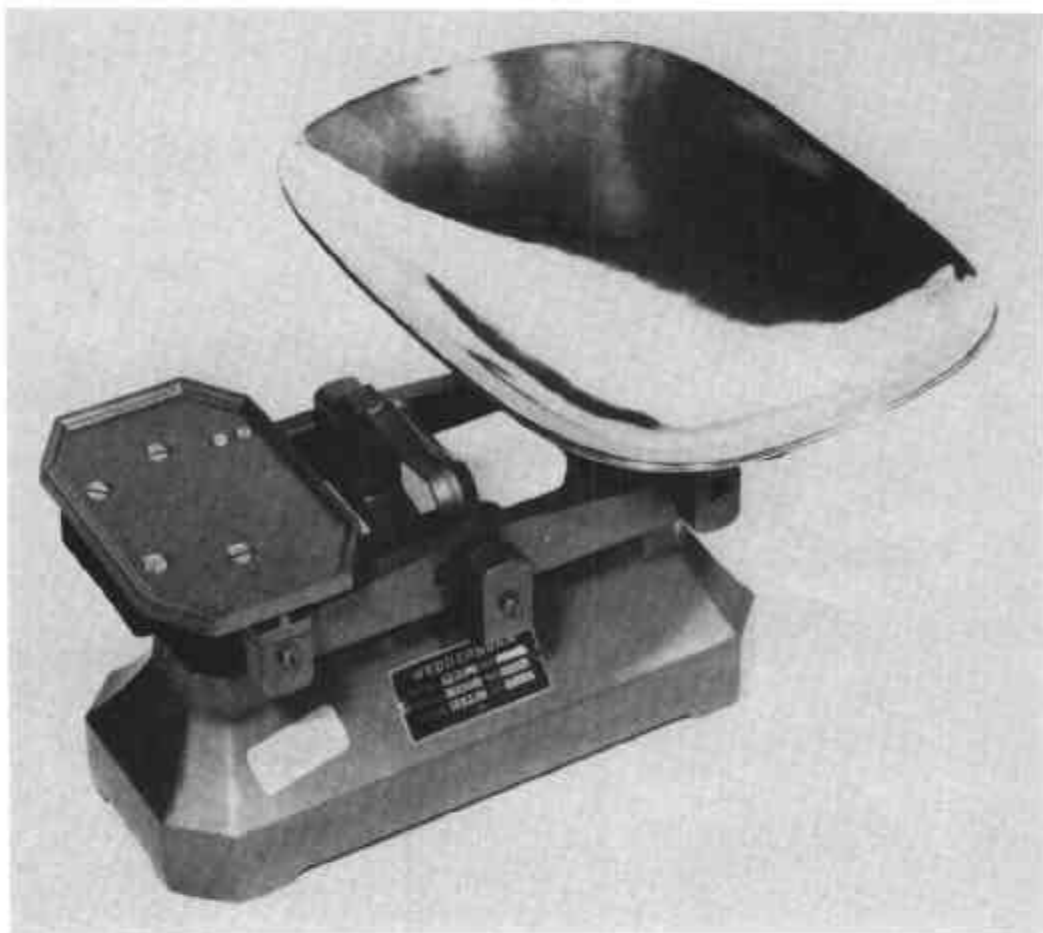
FIGURE 6/3/6 - 1



Wedderburn Model 501

4/9/79

FIGURE 6/3/6 - 2



Wedderburn Model 501 - Showing Modified  
Balance Indicator

10/12/81