



# NATIONAL STANDARDS COMMISSION

## WEIGHTS & MEASURES (PATTERNS OF INSTRUMENTS) REGULATIONS

### REGULATION 9

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

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

Avery Weighing Instrument Model 2104

submitted by Avery Australia Ltd,  
3-5 Birmingham Avenue,  
Villawood, New South Wales, 2163,

is suitable for use for trade.

The approval of the pattern is subject to review on or after 1/10/83.

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

Relevant drawings and specifications are lodged with the Commission.

Signed

Acting Executive Director

#### Descriptive Advice

Pattern: approved 18/10/78

. Counter-scale of 1 kg capacity.

Technical Schedule No 6/3/3 dated 18/8/81 describes the pattern.



# NATIONAL STANDARDS COMMISSION

## TECHNICAL SCHEDULE No 6/3/3

Pattern: Avery Weighing Instrument Model 2104

Submittor: Avery Australia Ltd,  
3-5 Birmingham Avenue,  
Villawood, New South Wales, 2163.

### 1. Description of Pattern

#### 1.1 General

The pattern is a counter scale of maximum capacity 1 kg with a verification scale interval of 0.001 kg (Figure 1). It comprises an equal arm lever (beam) with a mass receptor and load receptor located above the beam. The mass 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 mass receptor.

#### 1.2 Marking

The nameplate is marked with the following data:

Manufacturer's name	
Serial number of instrument	
NSC approval number in the form:	NSC No 6/3/3
Accuracy class in the form:	III
Maximum capacity in the form:	Max .....
Minimum capacity in the form:	Min .....
Verification scale interval in the form:	e = .....

TEST PROCEDURE No 6/3/3

1. Accuracy requirements

The maximum permissible error is:

- $\pm 0.5e$  for loads between 0 and 500e; and
- $\pm 1e$  for loads between 501e and 2000e.

2. Sensitivity

A mass of 0.5e for loads up to 500e, and 1e for loads from 501e to 2000e, placed on the load receptor at equilibrium should cause a permanent displacement of the indicator of at least 2 mm.

6/3/3  
1/5/86



## NATIONAL STANDARDS COMMISSION

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

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

Avery Model 2104 Weighing Instrument

submitted by Avery Australia Limited  
3-5 Birmingham Avenue  
Villawood NSW 2163

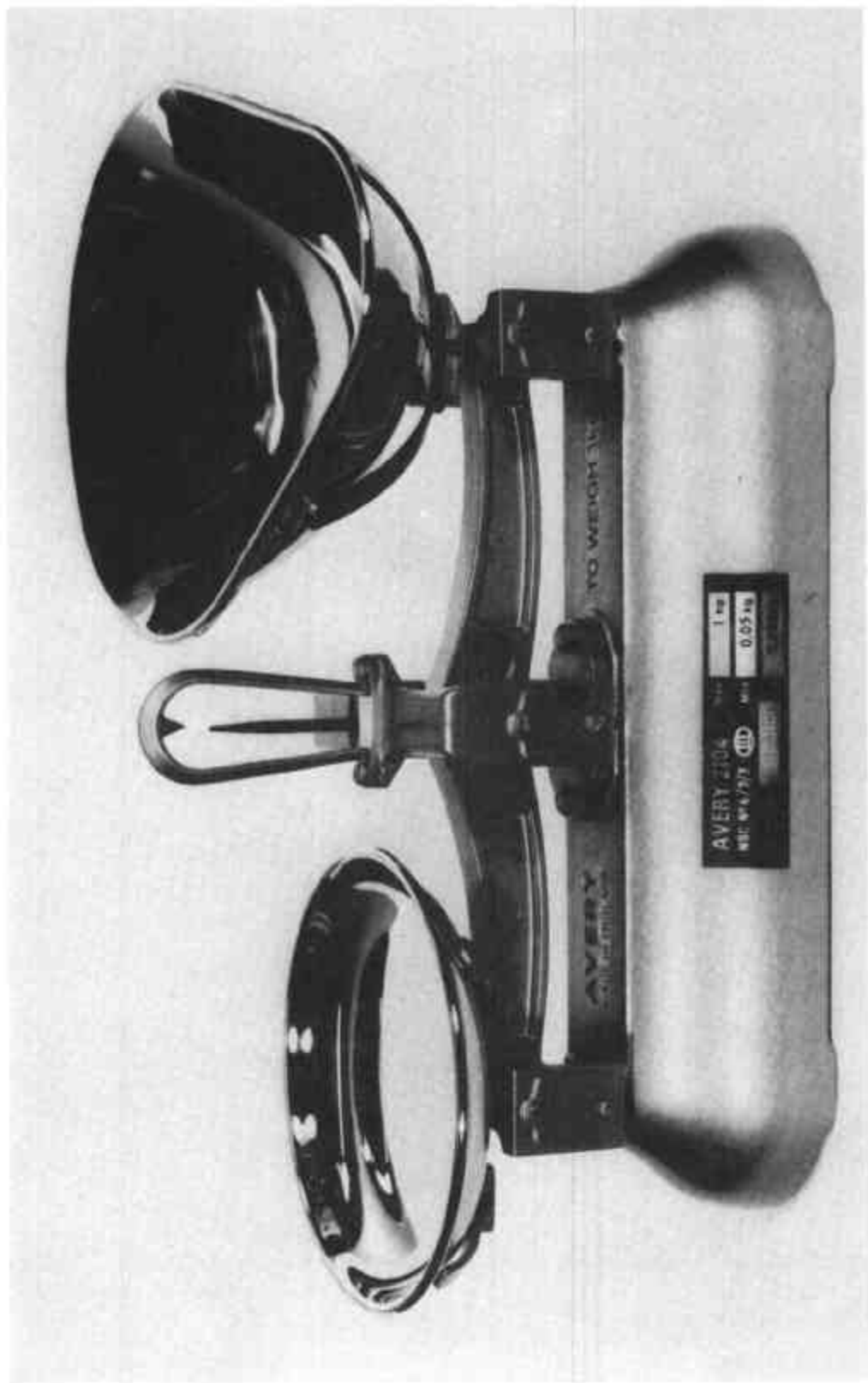
has been cancelled in respect of new instruments as from 21/3/86.

Instruments which were verified before that date may, with the concurrence of the respective State or Territorial Weights and Measures Authority, be submitted for reverification.

Signed

Acting Executive Director

FIGURE 6/3/3 - 1



Avery Model 2104