



NATIONAL STANDARDS COMMISSION

WEIGHTS & MEASURES (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

CERTIFICATE OF APPROVAL No 6/9C/49

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

Avery Model 3551 CUB Weighing Instrument

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

are suitable for use for trade.

The approval of the pattern and variants is subject to review on or after 1/11/80.

All instruments purporting to comply with this approval shall be marked NSC No 6/9C/49.

Relevant drawings and specifications are lodged with the Commission.

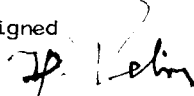
Conditions of Approval

Variant 2

Any instrument purporting to comply with variant 2 shall:

1. Have a maximum number of 3000 scale intervals.
2. Be subject to approval review on or after 1/1/84, pending a review of the full pattern.

Signed


Executive Director

Descriptive Advice

Pattern: approved 29/10/75

Avery model 3551 CUB portable self-indicating weighing instrument of 100 kg maximum capacity.

Technical Schedule No 6/9C/49 dated 21/4/76 describes the pattern.

Variant: approved 27/1/77

1. With maximum capacity of 120 kg.

Technical Schedule No 6/9C/49 Variation No 1 dated 12/5/77 describes variant 1.

Variant: approved 30/7/82

2. With a load cell and digital indicator, and approved for use up to 3000 scale intervals.

Technical Schedule No 6/9C/49 Variation No 2 dated 20/8/82 describes variant 2.

Filing Advice

Certificate of Approval No 6/9C/49 dated 12/5/77 is superseded by this Certificate, and may be destroyed.

The documentation for this approval now consists of:

Certificate of Approval No 6/9C/49 dated 20/8/82
Technical Schedule No 6/9C/49 dated 21/4/76
Technical Schedule No 6/9C/49 Variation No 1 dated 12/5/77
Technical Schedule No 6/9C/49 Variation No 2 dated 20/8/82
Figures 1 to 4 dated 13/4/76
Figure 5 dated 20/8/82.

20/8/82



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/9C/49

Pattern: Avery 3551 CUB Weighing Instrument

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

Date of Approval: 29 October 1975

Condition of Approval:

All instruments conforming to this approval shall be marked "NSC No 6/9C/49".

Description:

The pattern (see Figures 1 and 2) is a self-indicating platform weighing instrument with a maximum capacity of up to 100 kg.

The headwork comprises:

1. Headwork cabinet.
2. Spring-resistant mechanism (see Figure 2) suspended from adjustable levers pivoted at the top of the cabinet allowing the zero adjuster to raise or lower the resistant mechanism. A spring-loaded rack drives the indicator over a weight-reading face marked with 500 graduations.

The weight-reading face is marked, for example:

III

Max	=	100 kg
Min	=	10 kg
d	=	0,2 kg

3. Dashpot connected to the pullrod from the basework.

The basework* (see Figures 3 and 4) comprises a load receptor fitted with self-aligning bearings, supported on two main levers, one of which connects to the pullrod. The main levers are suspended by swinging links from the frame. The basework is supported by four adjustable feet and is fitted with a level indicator adjacent to which is a notice advising that the instrument must be level when in use.

The approval includes the weight-reading face on both sides of the headwork.

* Note: The basework is suitable for use with headworks having a maximum capacity of 120 kg.

21/4/76



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/9C/49

VARIATION No 1

Pattern: Avery Weighing Instrument Model 3551 CUB

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

Date of Approval of Variation: 27 January 1977

The modification described in this Schedule applies to the patterns described in Technical Schedule No 6/9C/49 dated 21 April 1976.

All instruments conforming to this approval shall be marked "NSC No 6/9C/49".

Description:

The approved modification provides for a capacity of up to 120 kg with the weight reading face marked with between 500 and 600 graduations.

The weight reading face is marked, for example:

III

Max	=	120 kg
Min	=	10 kg
d = e	=	0,2 kg



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/9C/49

VARIATION No 2

Pattern: Avery Model 3551 CUB Weighing Instrument

Submitter: Avery Australia Limited,
3-5 Birmingham Avenue,
Villawood, New South Wales, 2163.

1. Description of Variant

1.1. Variant 2

With the headwork of the pattern replaced by a load cell and digital indicator from a Commission-approved weighing instrument, and approved for a maximum of 3000 scale intervals.

Figure 5 shows a typical instrument.

6/9C/49
17/7/84



NATIONAL STANDARDS COMMISSION

CANCELLATION CERTIFICATE FOR APPROVAL No 6/9C/49

This is to certify that Approval No 6/9C/49 for the pattern and variants of the

Avery Model 3551 CUB Weighing Instrument

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

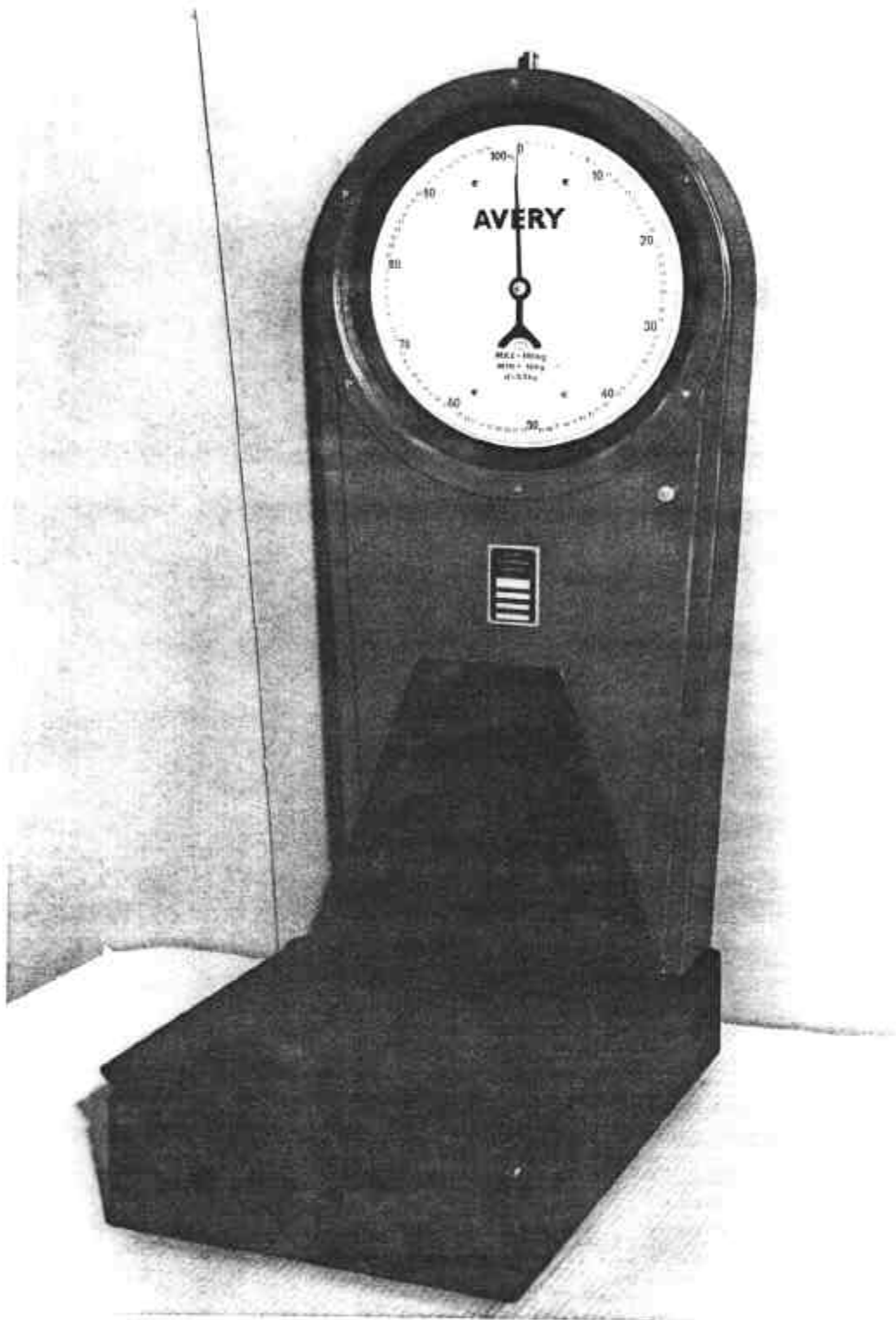
expired in respect of new instruments on 31/5/84.

Instruments which were verified before that date may, with the concurrence of the State or Territorial verifying authorities, be submitted for reverification.

Signed

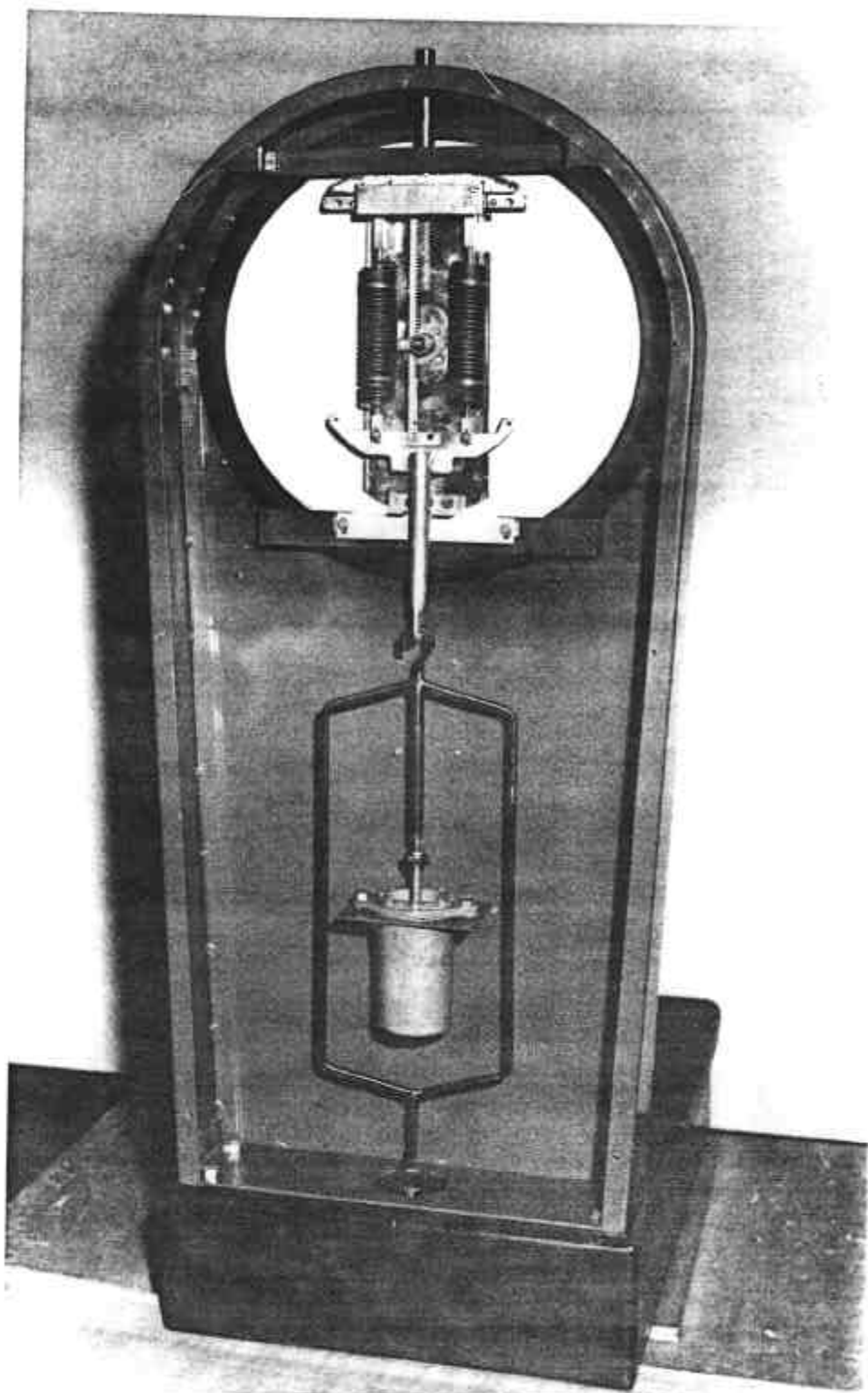
A handwritten signature in black ink, appearing to read 'J. Kelly'.

Executive Director



AVERY 3551 CUB

FIGURE 6/9C/49 - 2



Avery 3551 CUB

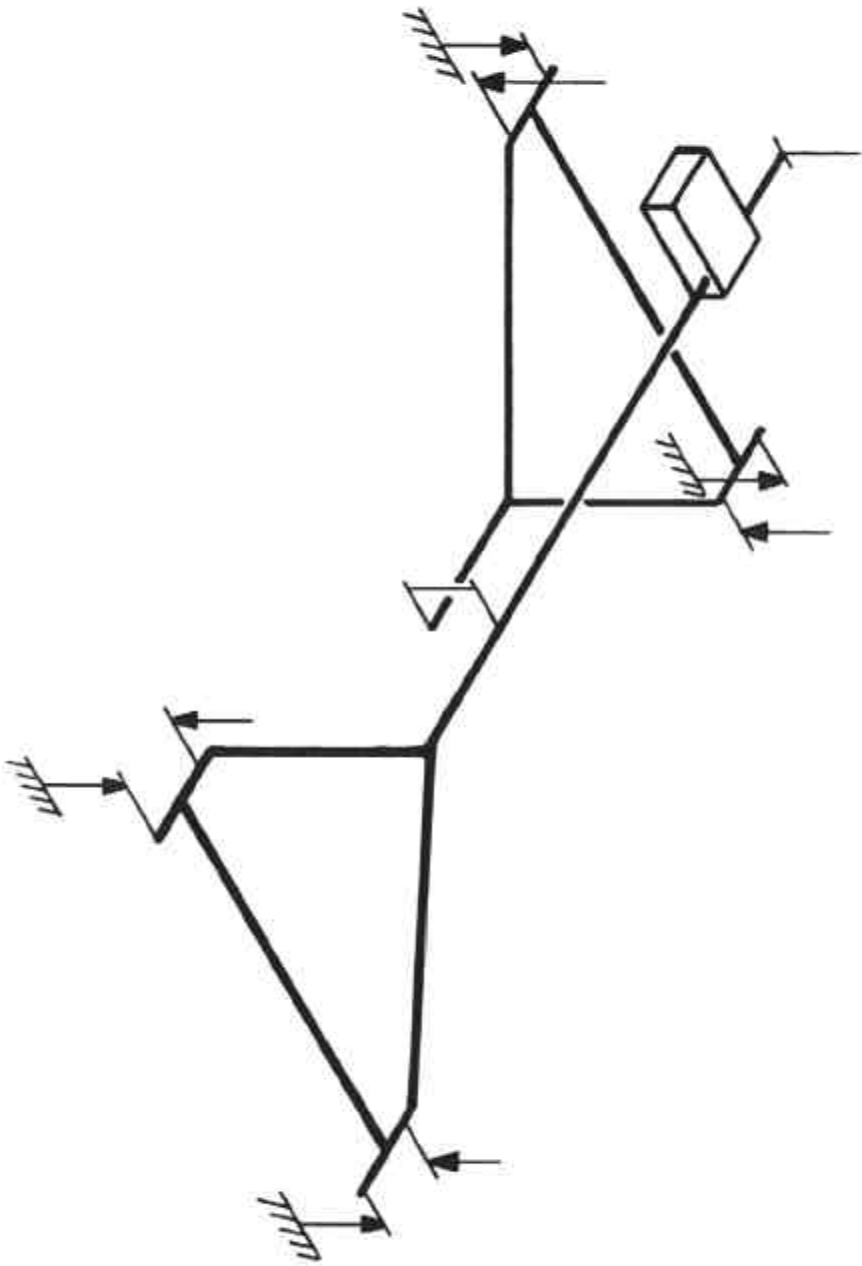
13/4/76

FIGURE 6/90/49 - 3



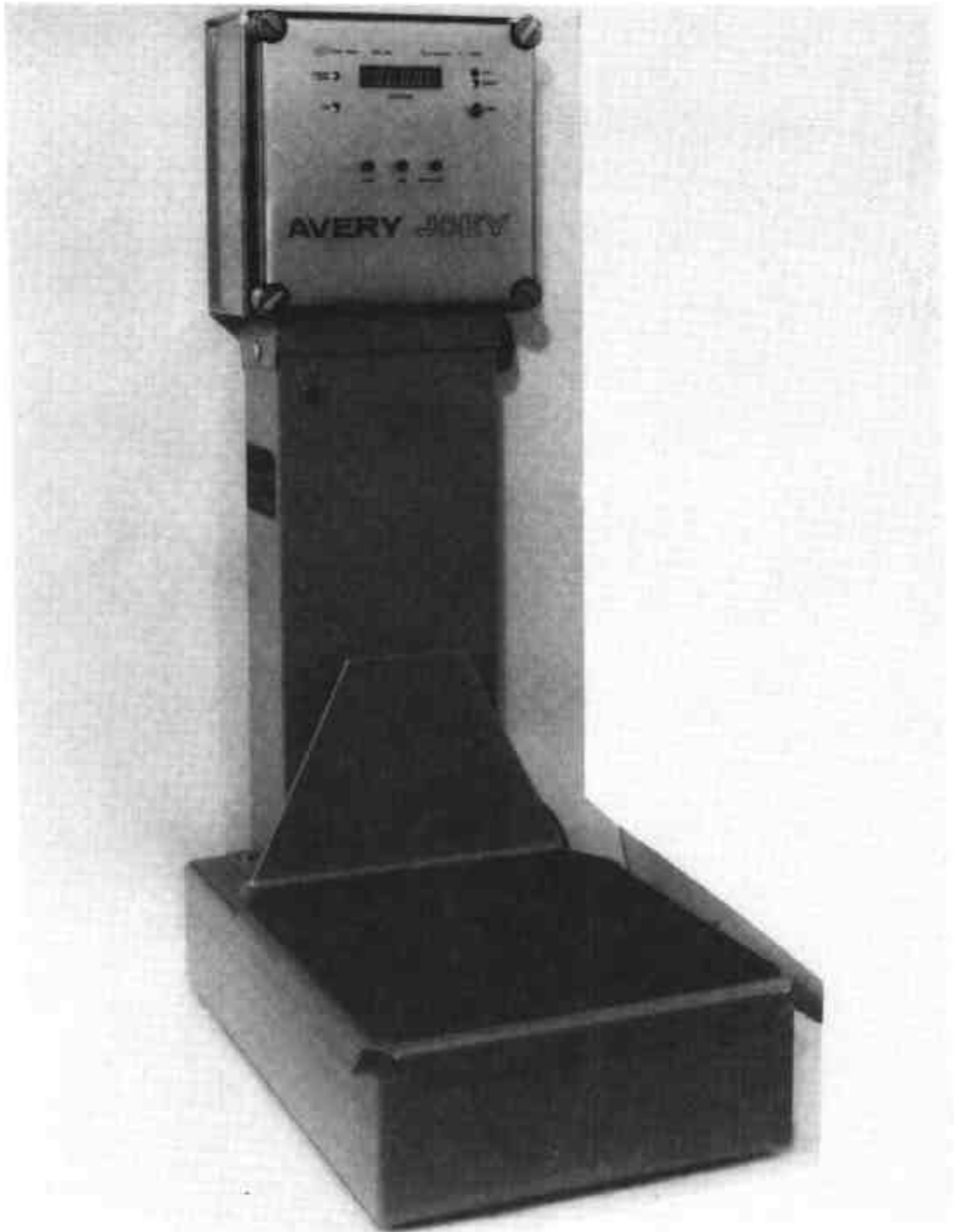
Avery 3551 CUB -- Lever Mechanism

FIGURE 6/9C/49 - 4



Avery 3551 CUB -- Lever Mechanism -- Schematic Diagram

FIGURE 6/9C/49 - 5



A Typical Instrument Conforming To Variant 2