



CANCELLED ^{FC} _{Cont. No. 2}

NATIONAL STANDARDS COMMISSION

WEIGHTS & MEASURES (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

INSTRUMENT CERTIFICATE OF APPROVAL No 6/9C/77

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

Streeter Amet Roller-top Platform Weighing Instrument

submitted by K.J. Baillie Pty Ltd
12 Whiting Street
Artarmon, New South Wales, 2064

is suitable for use for trade.

The approval of the pattern is subject to review on or after 1/7/88.

The instrument purporting to comply with this approval shall be marked NSC No 6/9C/77.

Relevant drawings and specifications are lodged with the Commission.

Conditions of Approval

1. The load cells to be used in this instrument shall be subject to regular certification by the National Standards Commission.
2. The approval is limited to one instrument located at Australian Iron & Steel Pty Ltd, Westernport, Victoria, 3915 (see attached Technical Schedule for details).

Signed

Executive Director

Descriptive Advice

Pattern: approved 23/2/83

- . Self-indicating roller-top platform weighing instrument of 7000 kg maximum capacity.

Technical Schedule No 6/9C/77 dated 11/7/83 describes the pattern.

Filing Advice

The documentation for this approval, covering one instrument only, has limited distribution. The documentation comprises:

Certificate of Approval No 6/9C/77 dated 11/7/83
Technical Schedule No 6/9C/77 dated 11/7/83
Test Procedure No 6/9C/77 dated 11/7/83
Figure 1 dated 11/7/83.

11/7/83



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/9C/77

Pattern: Streeter Amet Roller-top Platform Weighing Instrument.

Submittor: K.J. Baillie Pty Ltd
12 Whiting Street
Artarmon New South Wales 2064

1. Description of Pattern

The pattern is a self-indicating roller-top platform weighing instrument of 7000 kg maximum capacity (Figure 1) with up to 2000 scale intervals, installed at Australian Iron & Steel Pty Ltd, Westernport, Victoria, 3195.

Serial numbers:

Indicator	4500-1-0189
Printer	15123 M7
Load cells (4)	69527, 69534, 69537, 69563

1.1 Basework

The load receptor is supported by four HBM C3H2 5 t (10 000 lb) load cells.

1.2 Indicator

A Quantomatic 4500/1E digital mass indicator displaying to 2000 scale intervals.

1.3 Zero Adjustment

A button marked ZERO is provided for zero adjustment in conjunction with a zero on/off switch marked ZERO LOCK.

1.4 Display Check

A button marked TEST is provided.

1.5 Markings

The instrument is marked with the following data, together in one location:

Manufacturer's name or mark
Serial number of instrument
NSC approval number
Accuracy class
Maximum capacity
Minimum capacity
Verification scale interval

NSC No 6/9C/77
(III)
Max 7000 kg*
Min 250 kg*
e = d = 5 kg*

1.6 Verification Provision

Provision is made for a verification mark to be applied.

Sealing is not mandatory.

*These markings are repeated in the vicinity of each reading face, if not already there.

TEST PROCEDURE No 6/9C/77

All load applications should be in accordance with the Commission's recommended testing procedure for the elimination of rounding error as set out in Document 104.

The maximum permissible errors are:

- ±0.5e for loads between zero and 500e inclusive;
- ±1.0e for loads between 501e and 2000e inclusive.

1. Load Test

Test loads are to be applied to the instrument increasing in not less than 5 approximately equal steps to maximum capacity, followed by decreasing loads in not less than 5 approximately equal steps to zero load.

2. Zero Test

Check by means of Document 104 that, when the ZERO light is illuminated, zero is set within 0.25e.

3. Zero Range

Check that the range of the zero adjustment is not more than 4% of the maximum capacity (± 2% approximately). Satisfactory setting may be checked by the following method:

With zero balance indicated, apply a load of, say, 2.5% of maximum capacity to the instrument, and press the ZERO button; the instrument should not rezero.

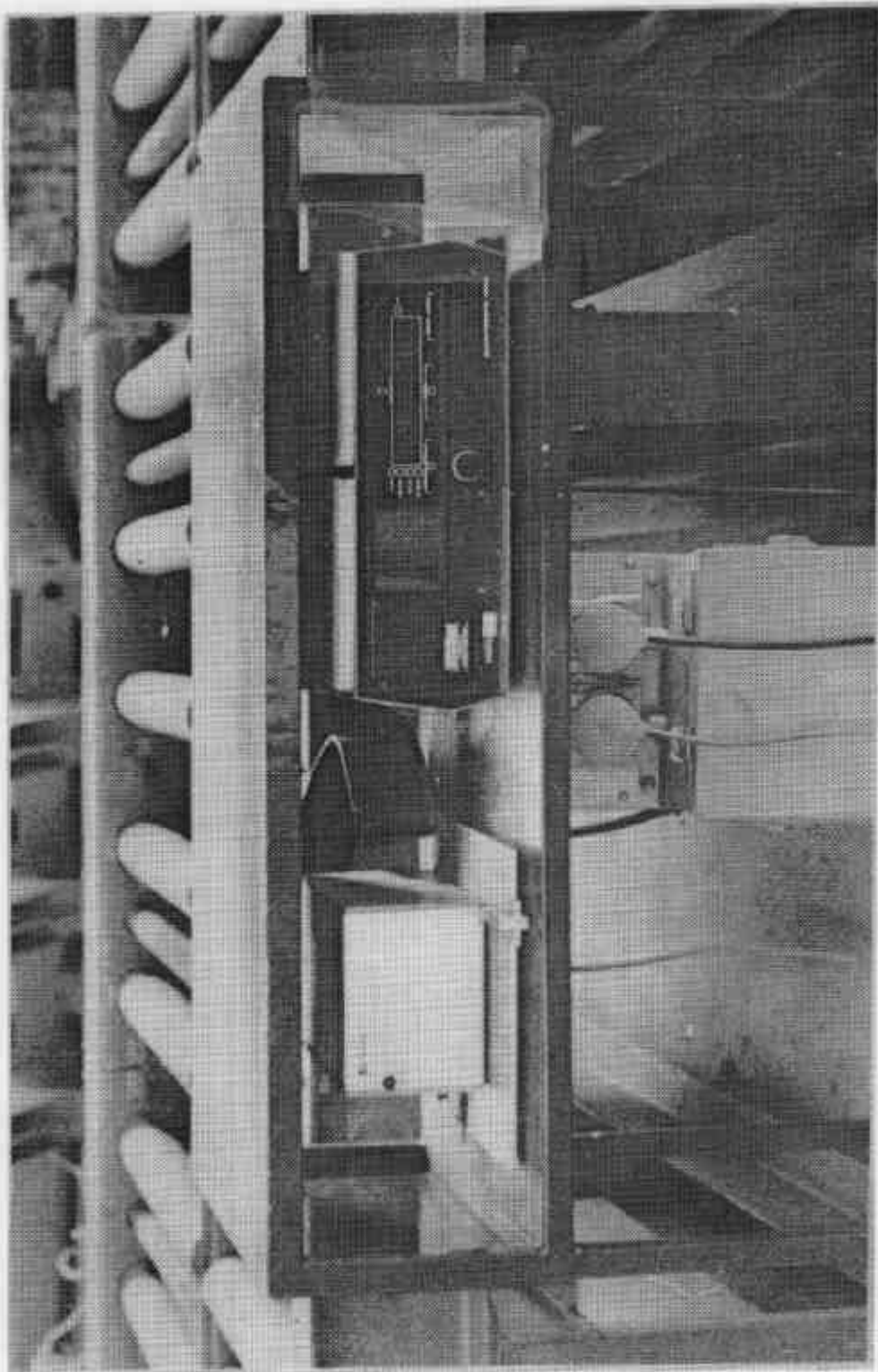
4. Range of Indication

The maximum mass indicated should not exceed the maximum capacity (Max) by more than 10 scale intervals; above this indicated mass the indicator should be blank.

5. Display Check

Check the display test button function.

FIGURE 6/9C/77 - 1



Streeter Amet Roller-Top Platform Weighing Instrument

11/7/83