



CANCELLED

CERT No 257

NATIONAL STANDARDS COMMISSION

WEIGHTS & MEASURES (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

INSTRUMENT CERTIFICATE OF APPROVAL No 6/10A/10

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

Howe Richardson Combination Weighing Instrument

submitted by Standard Weighbridges Pty Ltd
1-7 Jordon Street
Gladesville, New South Wales, 2111

is suitable for use for trade.

The approval of the pattern is subject to review on or after 1/9/88.

The instrument purporting to comply with this approval shall be marked NSC No 6/10A/10.

Relevant drawings and specifications are lodged with the Commission.

Condition of Approval

The approval is limited to one instrument located at Standard Weighbridges Pty Ltd, Brodie Street, Rydalmere, New South Wales, 2116 (see attached Technical Schedule for details).

Signed

Executive Director

Descriptive Advice

Pattern: approved 1/8/83

- A non-self-indicating combination weighbridge of 61 t maximum capacity by 0.01 t scale intervals.

Technical Schedule No 6/10A/10 dated 23/8/83 describes the pattern.

Filing Advice

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

Certificate of Approval No 6/10A/10 dated 23/8/83
Technical Schedule No 6/10A/10 dated 23/8/83
Test Procedure No 6/10A/10 dated 23/8/83

23/8/83



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/10A/10

Pattern: Howe Richardson Combination Weighing Instrument

Submitter: Standard Weighbridges Pty Ltd
1-7 Jordon Street
Gladesville, New South Wales, 2111.

1. Description of Pattern

A non-self-indicating combination weighbridge of 61 t maximum capacity when used in combination or 41 t maximum capacity on either platform when used independently, and with 0.01 t graduations (6100 verification scale intervals) installed at Standard Weighbridges Pty Ltd, Brodie Street, Rydalmere, New South Wales, 2116. The platforms and levers are type '0', similar to those approved under NSC No 6/10B/1.

1.1 Markings

The instrument is marked with the following data, on the steelyard knife-edge cover:

Manufacturer's name	Howe Richardson
Serial number of instrument	5657
NSC approval number	NSC No 6/10A/10
Accuracy class	III
Maximum capacity combined	Max. 61 t
Maximum capacity per platform	Max. 41 t
Minimum capacity	Min 0.5 t
Verification scale interval	$e = d = 0.01 \text{ t}$

1.2 Verification Provision

Provision is made for a verification mark to be applied.

Sealing is not mandatory.

TEST PROCEDURE No 6/10A/10

The maximum permissible errors are:

- ± 0.5e for loads between 0 and 500e;
- ± 1.0e for loads between 501e and 2000e;
- ± 1.5e for loads above 2000e.

1. Balancing

- (a) First balance the steelyard with both platforms disengaged.
- (b) With the steelyard in balance, engage each platform independently then balance by turning the corresponding balancing screw, accessible through holes in the end of the headwork cabinet.

2. Corner Tests

Evenly distribute a load of approximately one third of the maximum capacity of each platform over one fifth of the platform area, successively, above the vicinity of the main load bearings and also in the centre of the platform.

3. Test Loads

- (a) Each platform is to be tested as an individual instrument when engaged for single-platform use; the other platform being disengaged.
- (b) When used in combination (both platforms engaged) the instrument is to be tested to full capacity with the maximum individual platform load applied to each platform in turn.
- (c) Test loads are to be applied increasing in not less than 5 approximately equal steps to the full capacity of each platform and in similar and smaller increments to the maximum capacity of the instrument.