

ref:
ref:

Correspondence: Executive Officer
P.O. Box 282 NORTH R
N.S.W. 2113
Telegrams: NATSTANCOM SYDNE
Telephone: 888 3922

CERTIFICATE OF APPROVAL No 6/4A/12

This is to certify that the pattern of the
Mercury Weighing Instrument Model 304A
submitted by Mercury Scale Co. Pty Ltd,
32 Dew Street,
Thebarton, South Australia, 5031,

CANCELLED

0/1

has been approved under the Weights and Measures (Patterns of
Instruments) Regulations as being suitable for use for trade.

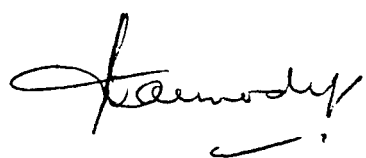
Date of Approval: 4 April 1977

The pattern is described in Technical Schedule No 6/4A/12, and in
drawings and specifications lodged with the Commission.

The approval is subject to review on or after 1 April 1982.

All instruments conforming to this approval shall be marked with the
approval number "NSC No 6/4A/12".

Signed



Executive Officer



~~CANCELLED~~
NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/4A/12

Pattern: Mercury Weighing Instrument Model 304A

Submittor: Mercury Scale Co. Pty Ltd,
32 Dew Street,
Thebarton, South Australia, 5031.

Date of Approval: 4 April 1977

All instruments conforming to this approval shall be marked "NSC No 6/4A/12".

Description:

The pattern (see Figure 1) is a partly self-indicating weighing instrument of maximum capacity 10 kg with, on both sides of the instrument, a centre-zero weight reading face of capacity ± 30 g by 5-g graduations (see Figure 2).

The headwork column may be rotated so that the weight reading faces are parallel to or at right angles to the centre line of the main lever.

The instrument is marked adjacent to each weight reading face:

(III)

Max	=	10 kg
Min	=	0,1 kg
d = e	=	0,005 kg

and "not for retail counter use".

The basework (see Figures 3 and 4) comprises a Roberval lever system with a balance box in the main lever which is connected to a single-pendulum-resistant mechanism by a flexible tape. Magnetic damping is provided.

A level-error correction device comprising a spring-resistant mechanism connected to the main lever compensates for errors in level of up to 1 in 20.

31/5/77



NATIONAL STANDARDS COMMISSION

NOTIFICATION OF CHANGE

CERTIFICATE OF APPROVAL No 6/4A/12

CHANGE No 1

The approval of the

Mercury Weighing Instrument Model 304A

given in Certificate No 6/4A/12 dated 31 May 1977

and described in Technical Schedule No 6/4A/12 dated 31 May 1977

is changed by:

replacing Figure 6/4A/12 - 4 dated 31 May 1977
with Figure 6/4A/12 - 4 dated 6/9/77*

* Note: The level-error correction-spring anchor point was incorrect in the original diagram.

6/9/77



25/3/88

NATIONAL STANDARDS COMMISSION

NOTIFICATION OF CHANGE

VARIOUS CERTIFICATES OF APPROVAL

The following changes are made to the approval documentation for the approvals listed overleaf

submitted by Mercury Weighing and Control Systems Pty Ltd
32 Dew Street
Thebarton SA 5031.

In the Certificates and Technical Schedules listed, the following changes should be made:

- 1) The submittor should be changed to read;
A & D Mercury Pty Ltd
(the address remains unchanged)

- 2) Any Mercury instrument or component of an instrument approved in the documentation, may now also be known as "AND Mercury" or similar.

Signed

Executive Director

CANCELLED

Cert-wb-0/1

APPROVAL PATTERN**TYPE:** weighing instruments counter scales

6/3/007 Model 92
 6/3/008 Model 131

TYPE: counter machines semi-self-indicating

6/4A/012 Model 304A

TYPE: counter machines freely-suspended < 30 kg (spring scales)

6/5/011 Model 211 DA

TYPE: weighing instruments non-self-indicating

6/9A/001 Models 692 and 682
 6/9A/004 Model 522D
 6/9A/007 Model 211
 6/9A/008 Model 600

TYPE: weighing instruments self-indicating

6/9C/005 Model 211D
 6/9C/013 Up to 2500 lb or 1200 kg
 6/9C/066 Model 522 AL
 6/9C/067 Model SM100/479/522D
 6/9C/081 Model SB-LP 1200
 6/9C/088 Model 522D LT-10K

TYPE: weighbridges self-indicating

6/10B/040 Model WB-LT
 6/10B/045A Model RVB-H20

TYPE: automatic weighing instruments (except belt conveyors)

6/14B/012 Model HSD automatic hopper

TYPE: overhead weighing instrument (suspended load or receptor)

6/18/005 With 211DA headwork
 6/18/017 Model OHT 500

TYPE: digital indicators

S114 Model 579
 S128 Model 1300
 S132 Model 900
 S161 Model AD4316
 S199 Model AD-4321

TYPE: load cells

S117 Interface model SM25-12 kg
 S163 Transducers model B5112.1K
 S221 HBM model TRT-50 (Mercury model TRT3K-50)

FIGURE 6/4A/12 - 1



Mercury Model 304A

31/5/77

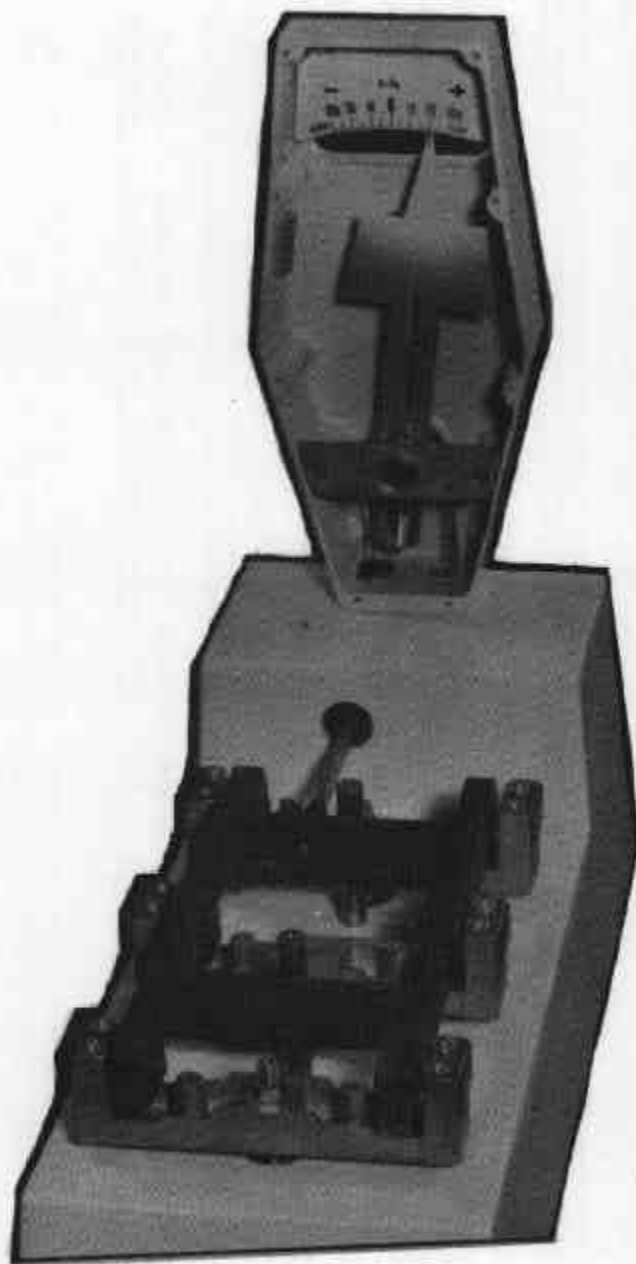
FIGURE 6/4A/12 - 2



Mercury Model 304A - Weight Reading Face

31/5/77

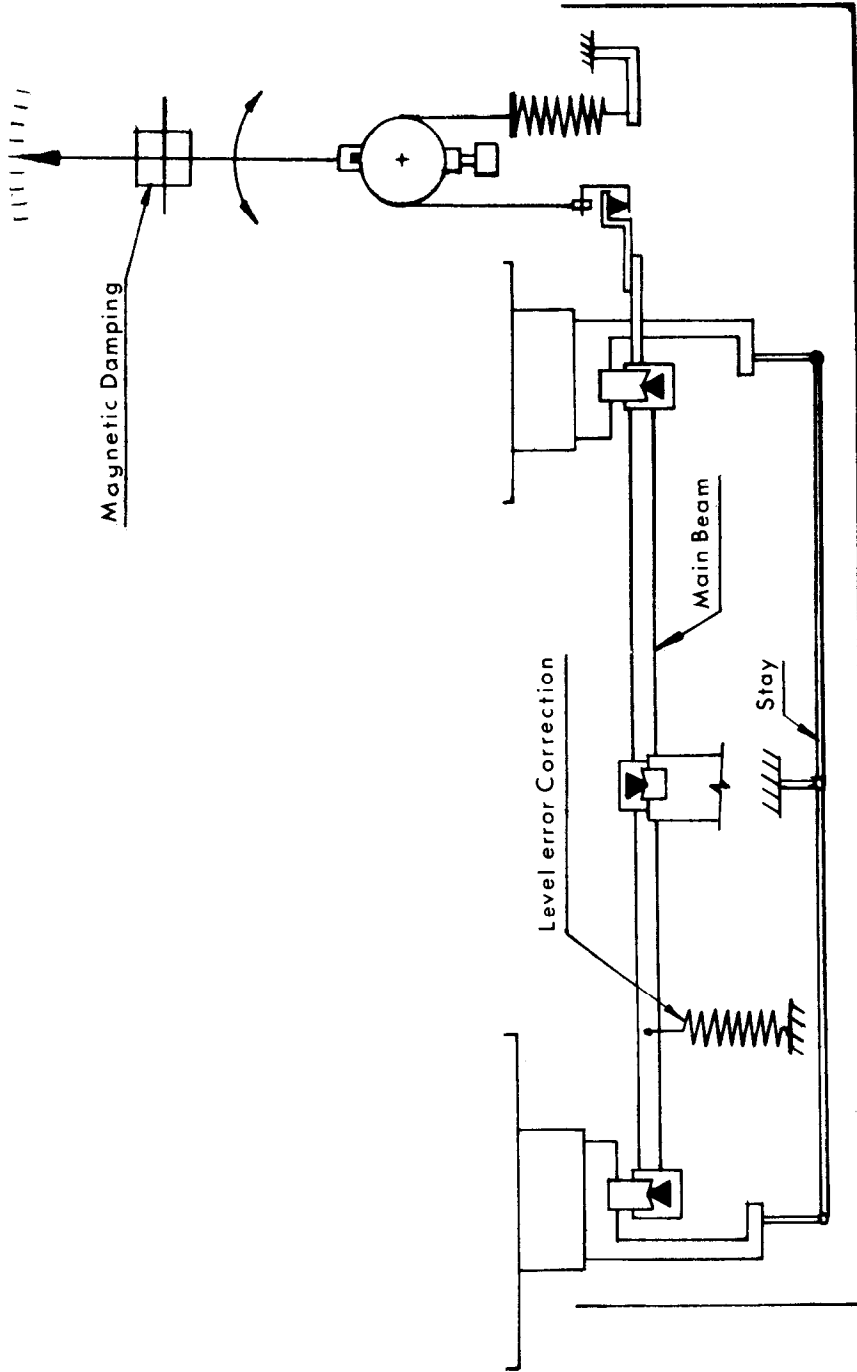
FIGURE 6/4A/12 - 3



Mercury Model 304A - Lever System

31/5/77

FIGURE 6/4A/12 - 4



Mercury Model 304A — Schematic Diagram of Lever System

6/9/77