



NATIONAL STANDARDS COMMISSION

6/9C/206

21/9/87

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

CERTIFICATE OF APPROVAL No 6/9C/206

This is to certify that an approval for use for trade has been granted in respect of the pattern and variant of the

Toledo Model 6303 Platform Weighing Instrument

submitted by Toledo Scale (Australia) Ltd
525 Graham Street
Port Melbourne Vic 3207.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/8/92.

This approval expires in respect of new instruments on 1/8/93.

Instruments purporting to comply with this approval shall be marked NSC No 6/9C/206.

This approval may be withdrawn if instruments are constructed other than in accordance with the drawings and specifications lodged with the Commission.

The maximum number of scale intervals applicable to the instrument shall be no greater than the number of verification scale intervals approved for the base-work, or the load cell, or the indicator, whichever is the smallest.

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificates Nos S1/0 and/or S2/0, as appropriate.

The load cells shall be subject to regular certification by the Commission.

Signed

Executive Director

Descriptive Advice

Pattern: approved 31/7/87

- A self-indicating platform weighing instrument of 600 kg capacity.

Variant: approved 31/7/87

1. Other models and capacities as listed in Table 1.

Technical Schedule No 6/9C/206 describes the pattern and variant.

Filing Advice

The documentation for this approval comprises:

Certificate of Approval No 6/9C/206 dated 21/9/87
Technical Schedule No 6/9C/206 dated 21/9/87 (incl. Table 1 and Test
Procedure)
Figure 1 dated 21/9/87

21/9/87



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/9C/206

Pattern: Toledo Model 6303 Platform Weighing Instrument

Submittor: Toledo Scale (Australia) Ltd
525 Graham Street
Port Melbourne Vic 3207

1. Description of Pattern

A model 6303 self-indicating platform weighing instrument of 600 kg capacity (Figure 1 and Table 1).

1.1 Basework

The load receptor is supported by a 2-lever flexure system which transfers the load to a single load cell (Figure 1).

The basework, which is provided with 4 adjusting feet, may be installed on a counter, on the floor or in a pit. Unless installed in a fixed position, a level indicator is fitted, and adjacent to it is a notice advising that the instrument must be level when in use.

1.2 Load Cell

A Toledo model 0721 or 0723 load cell is used as listed in Table 1. These model load cells are described in the documentation of NSC approvals numbers S111A and S112A respectively.

1.3 Indicator

A Toledo model 8142 digital indicator may be used.

1.4 Markings

Instruments are marked with the following data, together in one location:

Manufacturer's name or mark

Serial number

NSC approval number

Accuracy class

Maximum capacity

Minimum capacity

Verification scale interval

Maximum subtractive tare

Load cell approval number)

Headwork approval number)

Basework approval number)

Load cell serial number -

NSC No 6/9C/206

III

Max ... kg *

Min ... kg *

e = d = ... kg *

T = - ... kg

where

appropriate

alternatively, this may be marked on a metal tag sealed to the indicator.

* These are repeated adjacent to each reading face.

1.5 Verification Provision

Provision is made for a verification mark to be applied.

2. Description of Variant 1

Other models and capacities as listed in Table 1.

TABLE 1

Type: Toledo 6203

Maximum capacity of basework	15 kg	30 kg	60 kg	150 kg
Maximum capacity of load cell	22 kg	22 kg	45 kg	90 kg
Maximum number of verification scale intervals	3000	3000	3000	3000
Minimum value of verification scale intervals	0.005 kg	0.010 kg	0.020 kg	0.050 kg

Type: Toledo 6303

Maximum capacity of basework	60 kg	150 kg	300 kg	600 kg
Maximum capacity of load cell	11 kg	22 kg	45 kg	90 kg
Maximum number of verification scale intervals	3000	3000	3000	3000
Minimum value of verification scale intervals	0.020 kg	0.050 kg	0.100 kg	0.200 kg

TEST PROCEDURE

All load applications to the instrument 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 0 and 500e;
- + 1.0e for loads between 501e and 2000e.
- + 1.5e for loads above 2000e.

1. Range of Indication

The maximum mass indicated should not exceed the marked maximum capacity by more than 10e; above this indicated mass the indication should be blank or show non-numerical characters.

2. Load Test

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

National Standards Commission



NOTIFICATION OF CHANGE VARIOUS CERTIFICATES OF APPROVAL

The following changes are made to the approval documentation for various approvals

submitted by Toledo Scale (Australia) Ltd
525 Graham Street
Port Melbourne VIC 3207.

In the Certificates and Technical Schedules listed overleaf, the following changes should be made: (Note: Only current approvals are listed.)

1. The submitter should be changed to read;

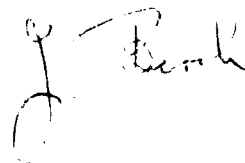
Mettler Toledo Limited

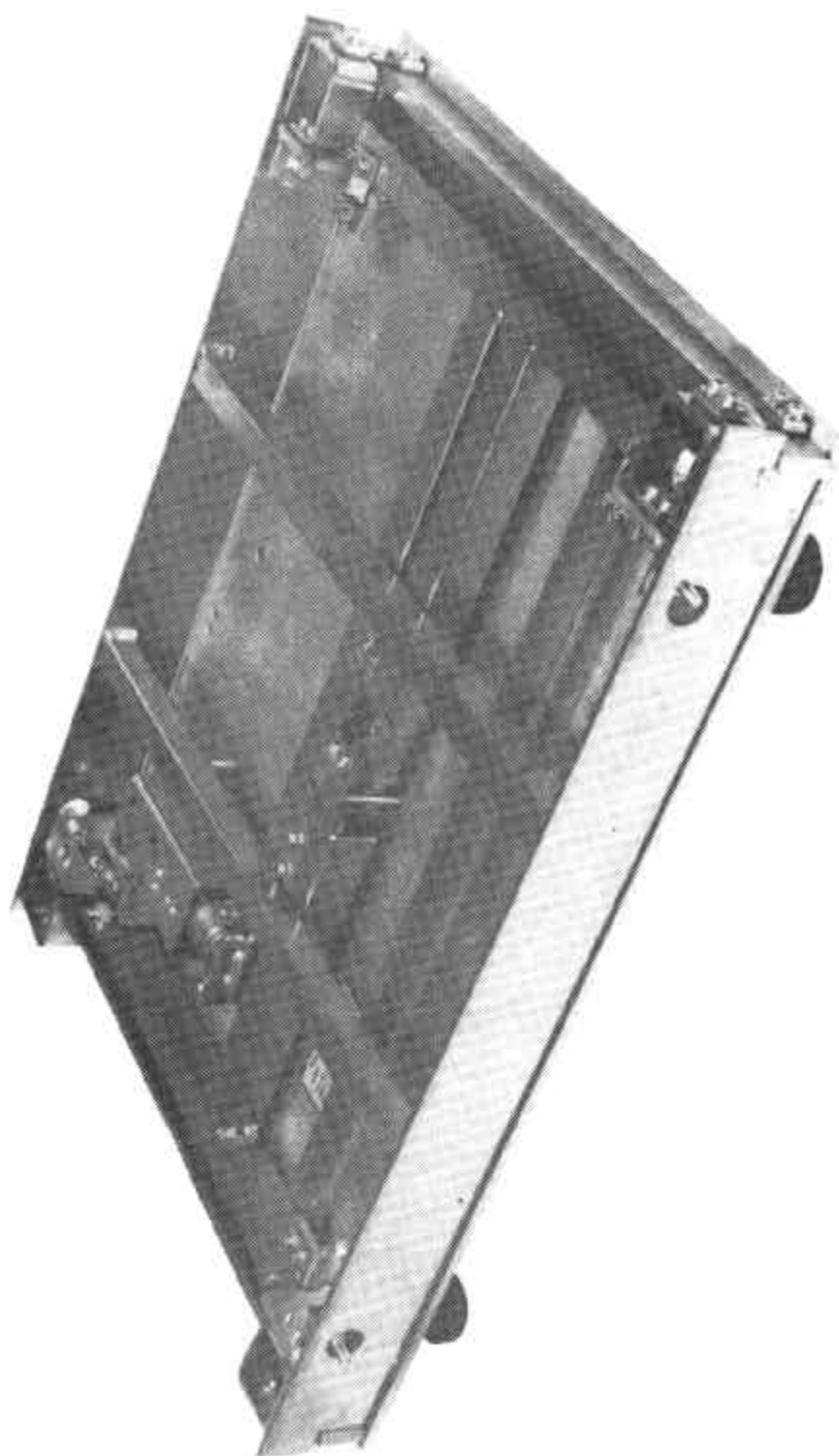
(the address remains unchanged)
2. All references to 'Toledo' instruments or components should be amended to read 'Toledo (or Mettler or Mettler Toledo)'.

NOTE: Any 'Toledo' instrument or component described in the approval documentation may now also be known as 'Mettler or Mettler Toledo'.

APPROVAL NUMBER	PATTERN
6/4C/65	8214 Weighing Instrument
6/4C/68	8215 Weighing Instrument
6/4D/242	8421 Weighing Instrument
6/9C/2A	2191 Weighing Instrument
6/9C/24A	2503 Weighing Instrument
6/9C/28	2020 Weighing Instrument
6/9C/24A 444	2985 Weighing Instrument
6/9C/76	2295 Weighing Instrument
6/9C/87	2375 Weighing Instrument
6/9C/97	2155 Weighing Instrument
6/9C/98	9118 Weighing Instrument
6/9C/206	6303 Weighing Instrument
6/9C/231	1938 Weighing Instrument
6/10B/46A	7560 Weighing Instrument
6/14B/9A	2352 Hopper Weighing Instrument
6/18/21	2299 Overhead Weighing Instrument
S253	8530 Digital Indicator
S266	8520 Digital Indicator
S283	8510 Digital Indicator
S111A	0721 Load Cell
S112A	0723 Load Cell
S143	0752 Load Cell
S172	0725 Load Cell
S211	0742 Load Cell
S252	0760 Load Cell
S264	0752 Load Cell
S268	RLC 5000 Load Cell

Signed and sealed by a person authorised under Regulation 9 of the National Measurement (Patterns of Measuring Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.





Toledo 6303 Basework