Australian Government
National Measurement Institute
Bradfield Road, West Lindfield NSW 2070

Certificate of Approval

No 6/4C/200

Issued by the Chief Metrologist under Regulation 60
of the
National Measurement Regulations 1999

This is to certify that an approval for use for trade has been granted in respect of the instruments herein described.

Mettler Toledo Model PS60 Weighing Instrument

submitted by Mettler-Toledo Limited
Unit 3, 220 Turner Street
Port Melbourne VIC 3207

NOTE: This Certificate relates to the suitability of the pattern of the instrument for use for trade only in respect of its metrological characteristics. This Certificate does not constitute or imply any guarantee of compliance by the manufacturer or any other person with any requirements regarding safety.

This approval has been granted with reference to document NMI R 76, *Non-automatic weighing instruments, Parts 1 and 2*, dated July 2004.

This approval becomes subject to review on **1/04/17**, and then every 5 years thereafter.

DOCUMENT HISTORY

Rev	Reason/Details	Date
0	Pattern & variant 1 approved – interim certificate issued	17/03/98
1	Pattern & variant 1 approved –certificate issued	9/07/98
2	Pattern & variant 1 reviewed – notification of change issued	16/03/06
3	Pattern & variant 1 reviewed & updated – certificate issued	18/01/13

CONDITIONS OF APPROVAL

General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI (or NSC) 6/4C/200' and only by persons authorised by the submittor.

It is the submittor's responsibility to ensure that all instruments marked with this approval number are constructed as described in the documentation lodged with the National Measurement Institute (NMI) and with the relevant Certificate of Approval and Technical Schedule. Failure to comply with this Condition may attract penalties under Section 19B of the National Measurement Act and may result in cancellation or withdrawal of the approval, in accordance with document NMI P 106.

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificates No S1/0/A or No S1/0B.

Signed by a person authorised by the Chief Metrologist to exercise their powers under Regulation 60 of the *National Measurement Regulations 1999*.

Dr A Rawlinson

TECHNICAL SCHEDULE No 6/4C/200

1. Description of Pattern approved on 17/03/98

A Mettler Toledo model PS60 class (III) non-automatic self-indicating multi-interval weighing instrument (Figure 1) with a verification scale interval (e_1) of 0.01 kg up to 30 kg and a verification scale interval (e_2) of 0.02 kg from 30 kg up to the maximum capacity of 60 kg.

Instruments are comprised of a model PS60 basework (Figure 1) and one or two model 0270 indicators, mounted in either of the methods shown in Figure 1 or Figure 2. Instruments used with a single indicator are marked 'NOT FOR TRADING DIRECT WITH THE PUBLIC' unless the display is located such that all primary indications are displayed clearly and simultaneously to both the vendor and the customer.

Instruments may be fitted with output sockets (output interfacing capability) for the connection of auxiliary and/or peripheral devices.

1.1 Zero

Zero is automatically corrected to within $\pm 0.25e_1$ whenever power is applied and whenever the instrument comes to rest within $0.5e_1$ of zero.

The initial zero-setting device has a nominal range of not more than 20% of the maximum capacity of the instrument.

1.2 Display Check

A display check is initiated whenever power is applied.

1.3 Levelling

Instruments are provided with adjustable feet and a level indicator.

1.4 Descriptive Markings and Notices

Instruments are marked with the following data, together in one location, in the form shown at right:

Manufacturer's mark, or name written in full	…….
Indication of accuracy class	(III)
Pattern approval number for the instrument	NMI (or NSC) 6/4C/200
Maximum capacity	*Max* ...../..... g or kg #
Minimum capacity	*Min* ..... g or kg #
Verification scale interval	*e* = .../..... g or kg #
Serial number of the instrument	…….

These markings are also shown near the display of the result if they are not already located there.

In addition, instruments used with a single display may need to be marked 'NOT FOR TRADING DIRECT WITH THE PUBLIC' or similar wording – refer to clause **1. Description of Pattern**.

1.5 Verification Provision

Provision is made for the application of a verification mark.

1.6 Sealing Provision

Provision is made for access to the calibration adjustments to be sealed by means of a destructible label across the electronics cover located under the load receptor.

2. Description of Variant 1 approved on 17/03/98

With a verification scale interval (e_1) of 0.02 kg up to 50 kg and a verification scale interval (e_2) of 0.05 kg from 50 kg up to the maximum capacity of 70 kg.

TEST PROCEDURE No 6/4C/200

Instruments shall be tested in accordance with any relevant tests specified in the National Instrument Test Procedures.

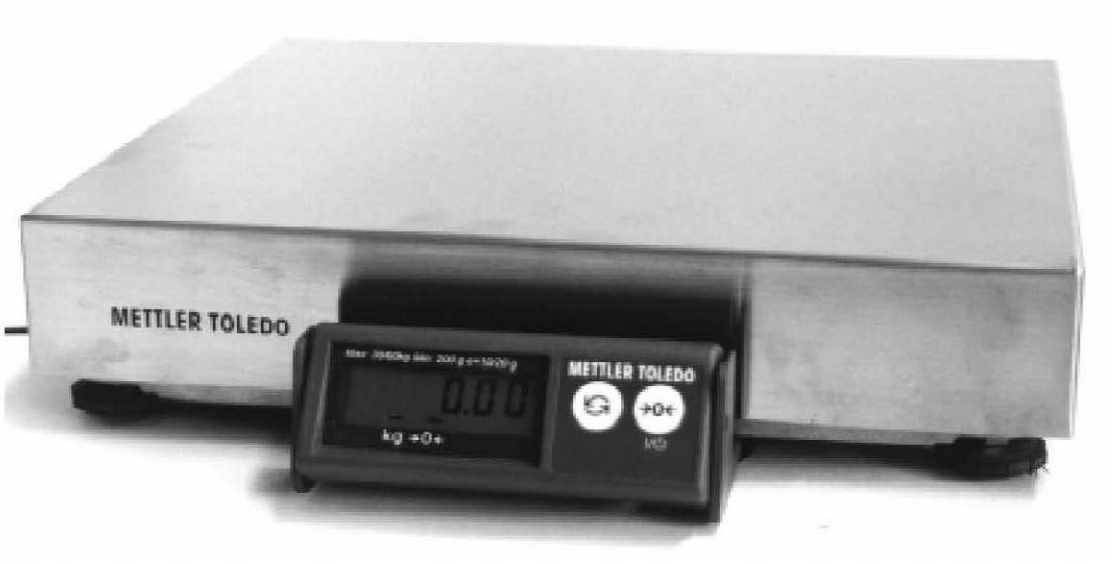
The instrument shall not be adjusted to anything other than as close as practical to zero error, even when these values are within the maximum permissible errors.

Maximum Permissible Errors

The maximum permissible errors are specified in Schedule 1 of the *National Trade Measurement Regulations 2009*.

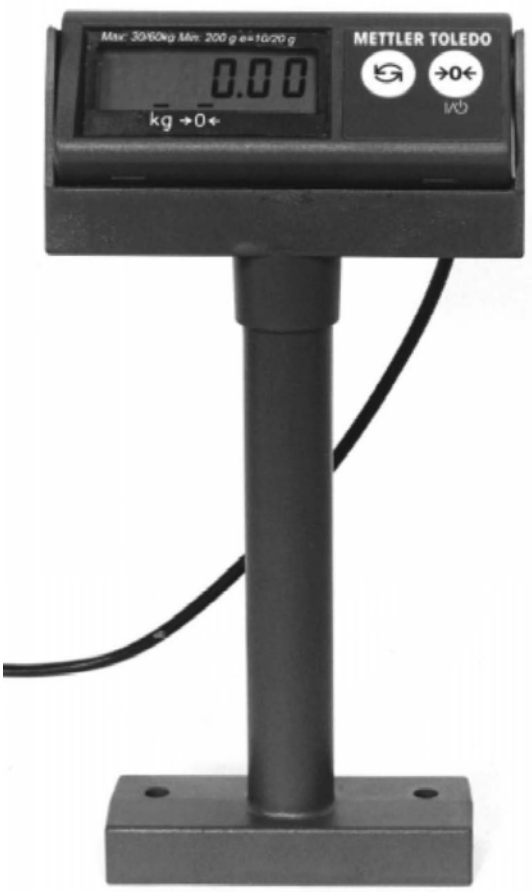
For multi-interval instruments with verification scale intervals of e_1, e_2 …, apply e_1 for zero adjustment, and maximum permissible errors apply e_1, e_2 …, as applicable for the load.

FIGURE 6/4C/200 – 1



Mettler Toledo Model PS60 Weighing Instrument

FIGURE 6/4C/200 – 2



Model 0270 Indicator Mounted on a Column

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