6/18/35
6 December 2010

Australian Government

National Measurement Institute

Bradfield Road, West Lindfield NSW 2070

Cancellation

Certificate of Approval No 6/18/35

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

This is to certify that the approval for use for trade granted in respect of the

Mettler Toledo Model MTGT-60 Overhead-track Weighing Instrument

submitted by Mettler Toledo Limited
220 Turner Street
Port Melbourne VIC 3207

has been cancelled in respect of new instruments as from 1 February 2011.

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

6/18/35
30 September 2005

Australian Government

National Measurement Institute

12 Lyonpark Road, North Ryde NSW 2113

Certificate of Approval

No 6/18/35

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

Mettler Toledo Model MTGT-60 Overhead-track Weighing Instrument

submitted by Mettler Toledo Limited
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.

CONDITIONS OF APPROVAL

This approval becomes subject to review on 1 September 2010, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked with approval number ‘NMI 6/18/35’ and only by persons authorised by the submittor.

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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.

The National Measurement Institute reserves the right to examine any instrument or component of an instrument purporting to comply with this approval.

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

The pattern as approved herein or with substitute approved indicators shall comply with General Certificate of Approval No 6B/0.

Note: New instruments manufactured under this approval shall only use load cells and/or indicators with current Supplementary Certificates of Approval.

DESCRIPTIVE ADVICE

Pattern: approved 17 August 2005

- A Mettler Toledo model MTGT-60 overhead-track weighing instrument of 60 kg maximum capacity.

Technical Schedule No 6/18/35 describes the pattern.

FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 6/18/35 dated 30 September 2005
Technical Schedule No 6/18/35 dated 30 September 2005 (incl. Test Procedure)
Figures 1 and 2 dated 30 September 2005

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

TECHNICAL SCHEDULE No 6/18/35

Pattern: Mettler Toledo Model MTGT-60 Overhead-track Weighing Instrument

Submittor: Mettler Toledo Limited
220 Turner Street
Port Melbourne VIC 3207

1. Description of Pattern

A Mettler Toledo model MTGT-60 overhead-track weighing instrument of 60 kg maximum capacity.

1.1 Trackwork

The model MTGT-60 trackwork (Figures 1 and 2) is approved for use with up to 3000 verification scale intervals. The trackwork consists of a frame on which the load cell is mounted and which also supports the lead-in and lead-out rails.

The 'live' section of rail (the weigh-rail) of 200 mm long is supported by another frame which transfers the load to the load cell. The rail is of a tubular type.

The MTGT-60 also incorporates mechanical mechanisms to assist in loading and removing the load, however an operator is required to supervise the weighing operation (hence the instrument is considered to be a non-automatic weighing instrument).

1.2 Load Cell

A single Mettler Toledo model SSP1260 load cell of 150 kg capacity is used and mounted as shown in Figures 1 and 2.

Note that only this make, model and capacity of load cell shall be used. The load cell carries a label with the make, model, capacity and serial number.

For the purposes of calculations required by General Certificate of Approval No 6B/0 if an alternative indicator is used, the following parameters may be used for the model SSP1260 150 kg load cell:

Maximum capacity	150 kg
Input impedance	387 ohm
Sensitivity	2 mV/V
Minimum value of verification scale interval	0.02 kg

1.3 Indicator

A Mettler Toledo model JagXtreme digital indicator is used. The indicator is also described in the documentation of approval No NSC S339.

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1.4 Verification/Certification Provision

Provision is made for a verification/certification mark to be applied.

1.5 Sealing Provision

Provision is made for the calibration adjustments of the indicator to be sealed as described in its approval documentation.

1.6 Markings

Instruments carry the following markings:

Manufacturer's mark, or name written in full	Mettler Toledo Limited
Indication of accuracy class	(III)
Maximum capacity	*Max* ..... kg *
Minimum capacity	*Min* ..... kg *
Verification scale interval	*e* = ... kg *
Pattern approval mark for the instrument	6/18/35
Pattern approval mark for the load cell	.....
Serial number of the instrument	.....
Serial number of the load cell (#)	.....

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

\# Alternatively, may be marked on a nameplate for the trackwork.

TEST PROCEDURE

Instruments should be tested in accordance with any tests specified in the approval documentation for the indicator use, and in accordance with any relevant tests specified in the Uniform Test Procedures.

Maximum Permissible Errors at Verification/Certification

The maximum permissible errors for increasing and decreasing loads on initial verification/certification for loads, *m*, expressed in verification scale intervals, *e*, are:

±0.5 *e* for loads $0 \leq m \leq 500$;
±1.0 *e* for loads $500 < m \leq 2\,000$; and
±1.5 *e* for loads $2\,000 < m \leq 10\,000$.

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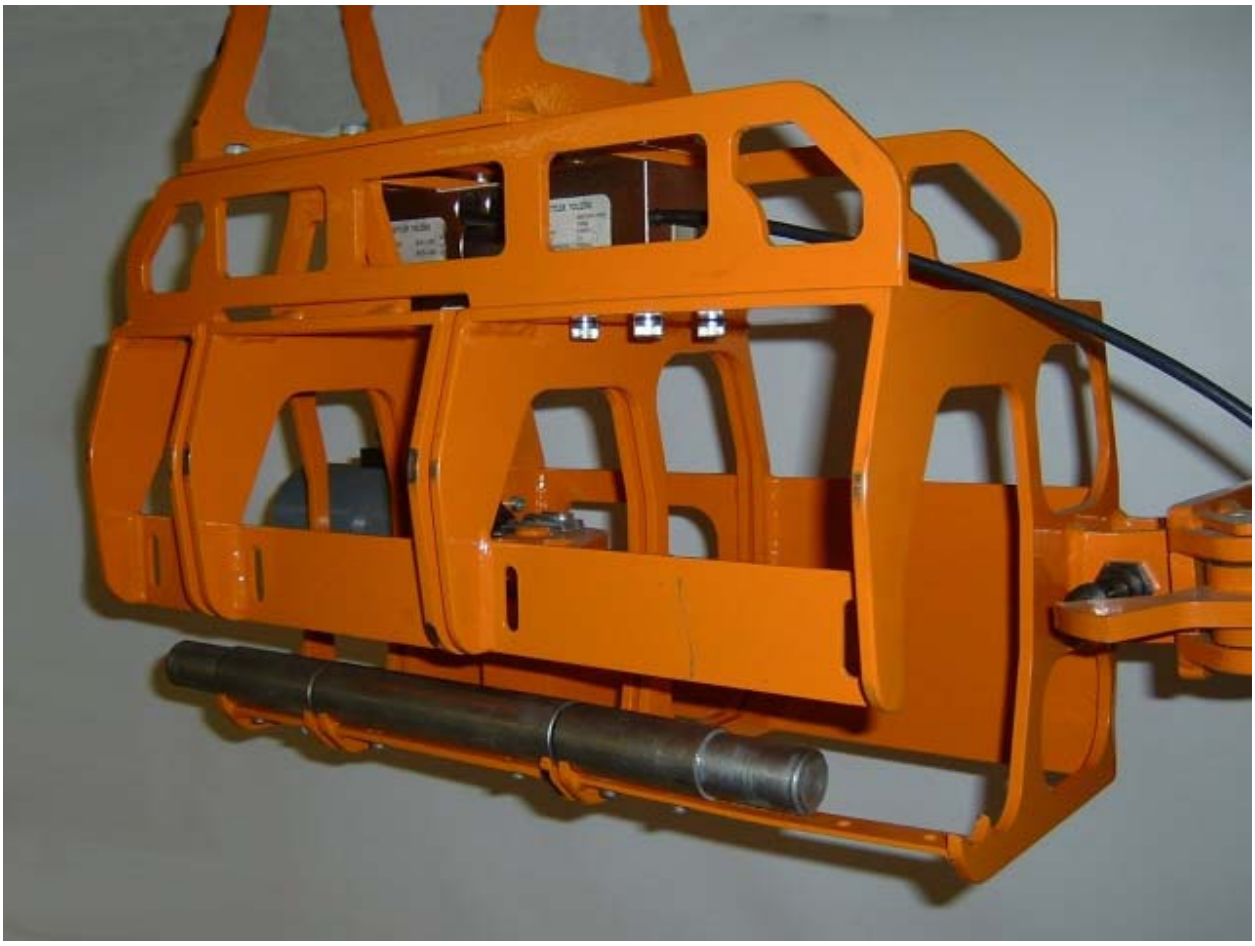
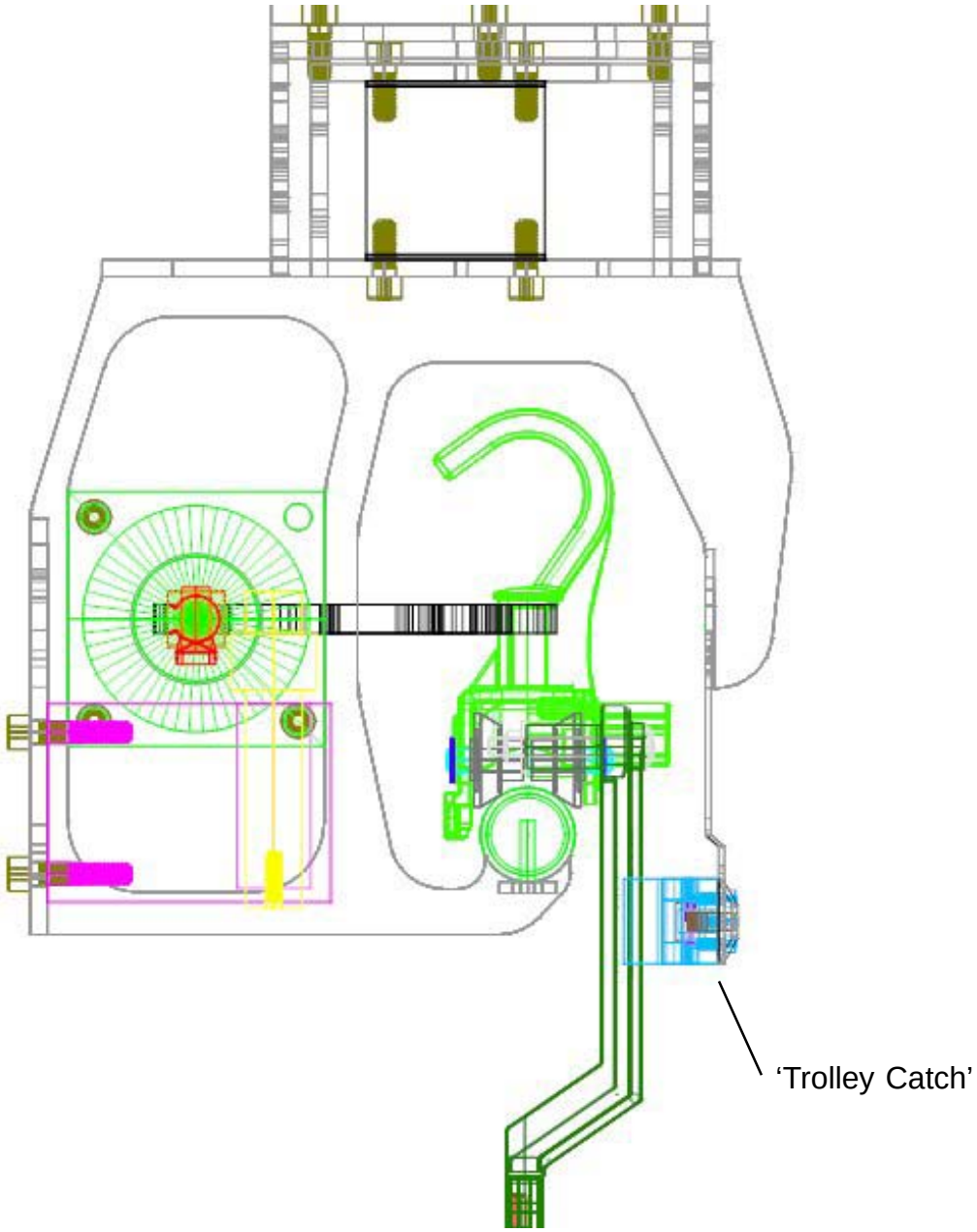
FIGURE 6/18/35 – 1



Mettler Toledo Model MTGT-60 Trackwork

FIGURE 6/18/35 – 2



Mettler Toledo Model MTGT-60 Trackwork Including 'Trolley Catch'