S406
30 July 2009

Australian Government

National Measurement Institute

Bradfield Road, West Lindfield NSW 2070

Notification of Change
Supplementary Certificate of Approval No S406
Change No 1

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

The following changes are made to the approval documentation for the

Mettler Toledo Model 777 Load Cell

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

In Supplementary Certificate of Approval S406 dated 3 October 2002;

1. The Condition of Approval referring to the review of the approval should be amended to read:

   "This approval becomes subject to review on 1 July **2014**, and then every 5 years thereafter."

2. The FILING ADVICE should be amended by adding the following:

   "Notification of Change No 1 dated 29 July 2009"

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

S406
3 October 2002

National Standards Commission

12 Lyonpark Road, North Ryde NSW

Supplementary Certificate of Approval

No S406

Issued 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 777 Load Cell

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.

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CONDITIONS OF APPROVAL

This approval becomes subject to review on 1 July 2007, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No S406 and only by persons authorised by the submittor.

Instruments incorporating a component purporting to comply with this approval shall be marked NSC No S406 in addition to the approval number of the instrument.

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 Commission 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 the Commission's Document NSC P 106.

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

DESCRIPTIVE ADVICE

Pattern: approved 27 June 2002

- A Mettler Toledo model 777 load cell of 20 kg maximum capacity.

Variant: approved 27 June 2002

1. In other capacities as listed in Table 1.

Technical Schedule No S406 describes the pattern and variant 1.

FILING ADVICE

The documentation for this approval comprises:

Supplementary Certificate of Approval No S406 dated 3 October 2002
Technical Schedule No S406 dated 3 October 2002 (incl. Table 1)
Figures 1 and 2 dated 3 October 2002

Signed by a person authorised under Regulation 60 of the National Measurement Regulations 1999 to exercise the powers and functions of the Commission under this Regulation.

TECHNICAL SCHEDULE No S406

Pattern: Mettler Toledo Model 777 Load Cell.

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

1. Description of Pattern

A Mettler Toledo model 777 load cell of 20 kg maximum capacity (Figure 1 and Table 1) approved for use with up to 3000 verification intervals.

1.1 Method of Mounting

Mounting is to be in accordance with the manufacturer's instructions and as shown in Figures 1 and 2.

1.2 Markings

Each load cell is marked with the following:

Manufacturer's mark, or name written in full	Mettler Toledo United
Model number	777
Serial number	.....
Pattern approval mark	NSC No S406
Maximum capacity E_{max}	..... kg

1.3 Table of Specifications

Specifications for the pattern are given in Table 1.

2. Description of Variant 1

In other capacities as listed in Table 1.

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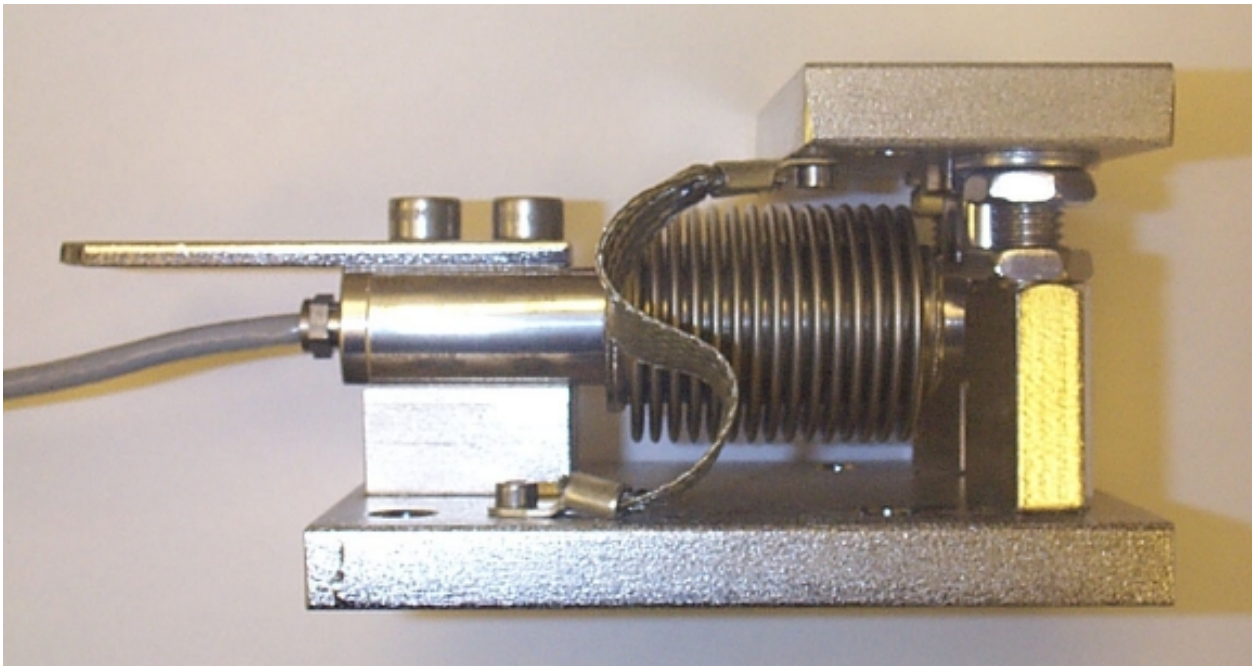
TABLE 1

Type: Mettler Toledo model 777

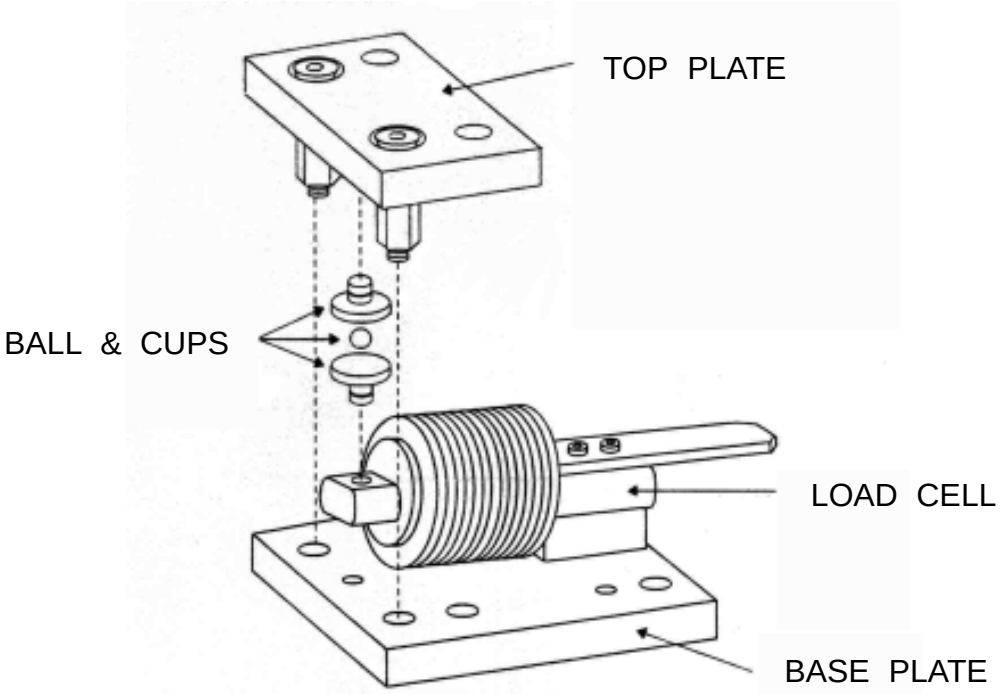
Maximum capacity, E_{max}	kg	20	50	100	
Accuracy class		C3	C3	C3	
Maximum number of verification intervals		3000	3000	3000	
Minimum value of verification interval, v_{min}	kg	0.0014	0.004	0.007	
Minimum dead load output return value (DR)	kg	0.0014	0.004	0.007	
Output rating (nominal)	mV/V	2	2	2	
Input impedance (nominal)	Ω	350	350	350	
Supply voltage (AC or DC)	V	18	18	18	***(maximum)***
Cable length (±0.1 m)	m	3	3	3	
Number of leads (plus shield)		6	6	6	

FIGURE S406 - 1

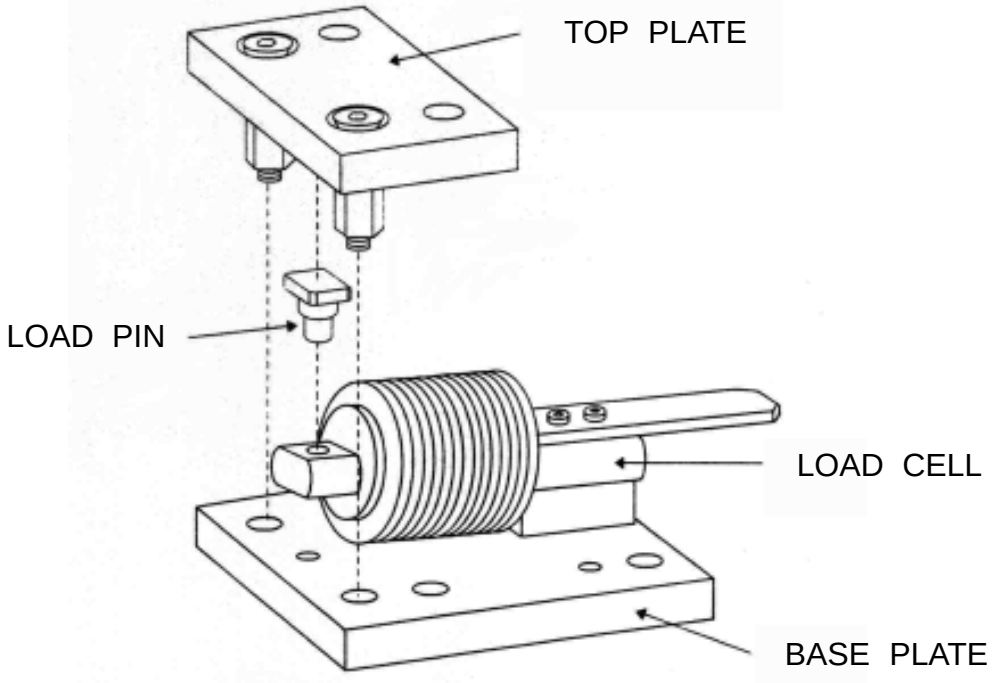


Mettler Toledo Model 777 Load Cell and Typical Mounting

FIGURE S406 - 2



(a) Ball and Cup Assembly



(b) Load Pin Assembly

Typical Mounting Methods