



NATIONAL STANDARDS COMMISSION

S211
18/10/88

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

SUPPLEMENTARY CERTIFICATE OF APPROVAL No S211

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 0742 Load Cell

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

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/9/91.

This approval expires in respect of new instruments on 1/9/92.

Load cells purporting to comply with this approval shall be marked NSC No S211. Instruments incorporating a load cell purporting to comply with this approval shall be marked NSC No S211 in addition to the approval number of the instrument.

This approval may be withdrawn if load cells are constructed other than in accordance with the drawings and specifications lodged with the Commission.

The values of the performance criteria (maximum number of scale intervals etc.) applicable to an instrument incorporating these load cells shall be within the limits specified in this approval or in any approval documentation for the other components.

Signed

Executive Director

Descriptive Advice

Pattern: approved 13/8/86

- Toledo model 0742 load cell of 2270 kg capacity.

Technical Schedule No S211 describes the pattern.

Variant: approved 23/8/88

1. Of 4540 kg capacity.

Technical Schedule No S211 Variation No 1 describes variant 1.

Filing Advice

Supplementary Certificate of Approval No S211 dated 3/11/86 is superseded by this Certificate and may be destroyed. The documentation for this approval now comprises:

Supplementary Certificate of Approval No S211 dated 18/10/88
Technical Schedule No S211 dated 3/11/86 (incl. Table 1)
Technical Schedule No S211 Variation No 1 dated 18/10/88 (incl. Table 2)
Figures 1 and 2 dated 3/11/86



S211
3/11/86

NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No S211

Pattern: Toledo Model 0742 Load Cell

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

1. Description of Pattern

This pattern is a Toledo model 0742 load cell of 2270 kg capacity (refer Table 1). Figure 1 shows the model 0742 in two configurations.

1.1 Method of Mounting

Mounting is to be in accordance with the manufacturer's instructions. Figure 2 shows typical mounting methods.

1.2 Marking

The following is the minimum data required to be marked on the load cells:

Manufacturer's name or mark	
Model number	
Serial number	
NSC approval number	NSC S211
Maximum rated capacity	

TABLE 1

Type: Toledo	0742
Maximum capacity	2270 kg
Maximum number of	(a) 2500
verification	(b) 2500
scale intervals	(c) 2500
	(d) 2500
Minimum value of	(a) 0.25 kg
verification	(b) 0.50 kg
scale interval	(c) 0.25 kg
	(d) 0.50 kg
Output rating (nominal)	2.0 mV/V
Input impedance (nominal)	380 ohms
Supply voltage (AC or DC)	10-15 V
Cable length ($\pm$ 0.1 m)	3 m
Number of leads	6

- (a) Instruments with automatic zero track - multi cell applications.
- (b) Instruments with automatic zero track - single cell applications.
- (c) Instruments without automatic zero track - multi cell applications.
- (d) Instruments without automatic zero track - single cell applications.



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TECHNICAL SCHEDULE No S211

VARIATION No 1

Pattern: Toledo Model 0742 Load Cell.

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

1. Description of Variant 1

The model 0742 load cell of 4540 kg capacity (Table 2).

TABLE 2

Type: Toledo	0742
Maximum capacity	4540 kg
Maximum number of verification scale intervals	(i) 2000 (ii) 2000
Minimum value of verification scale interval	(i) 0.266 kg (ii) 0.566 kg
Output rating (nominal)	2.0 mV/V
Input impedance (nominal)	380 ohms
Supply voltage (AC or DC)	15 V
Cable length ($\pm$ 0.1 m)	3 m
Number of leads	6
(i)	Instruments with automatic zero track
(ii)	Instruments without automatic zero track

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 44A	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

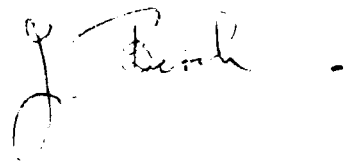
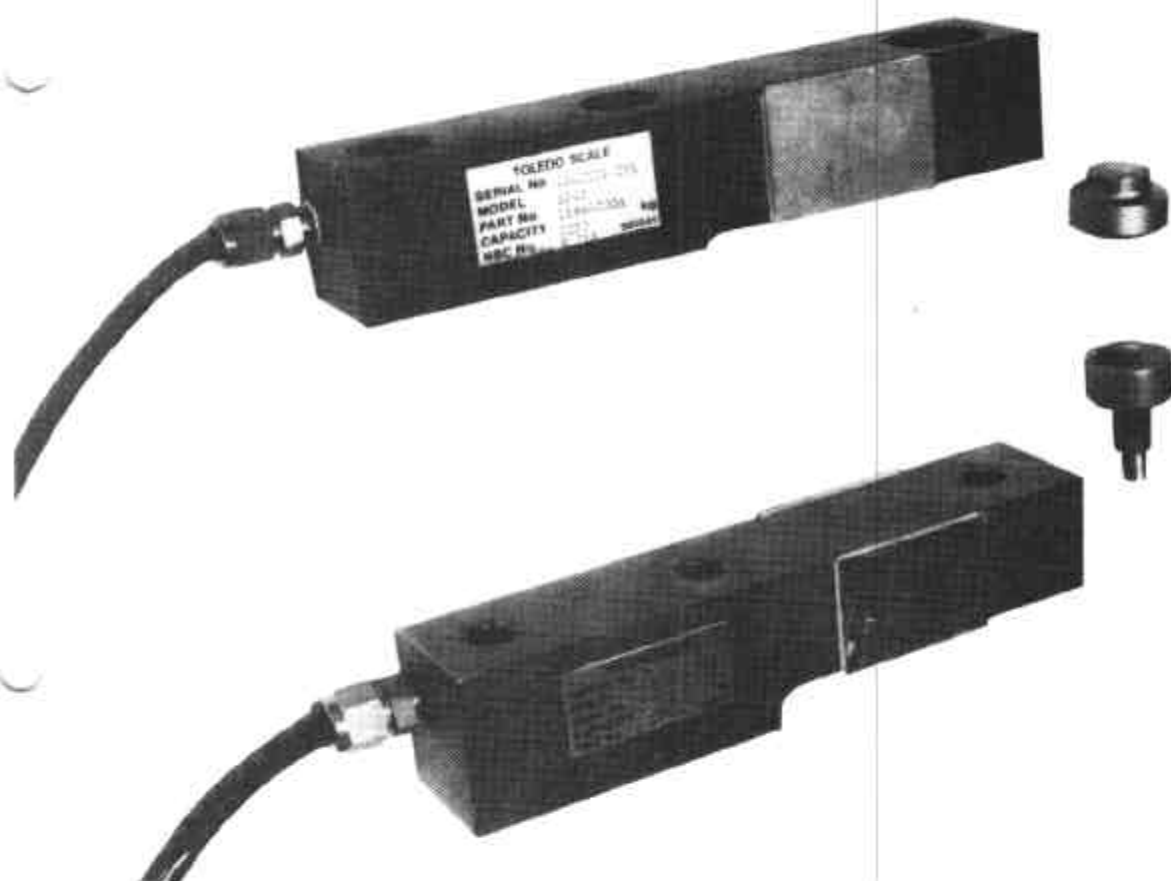
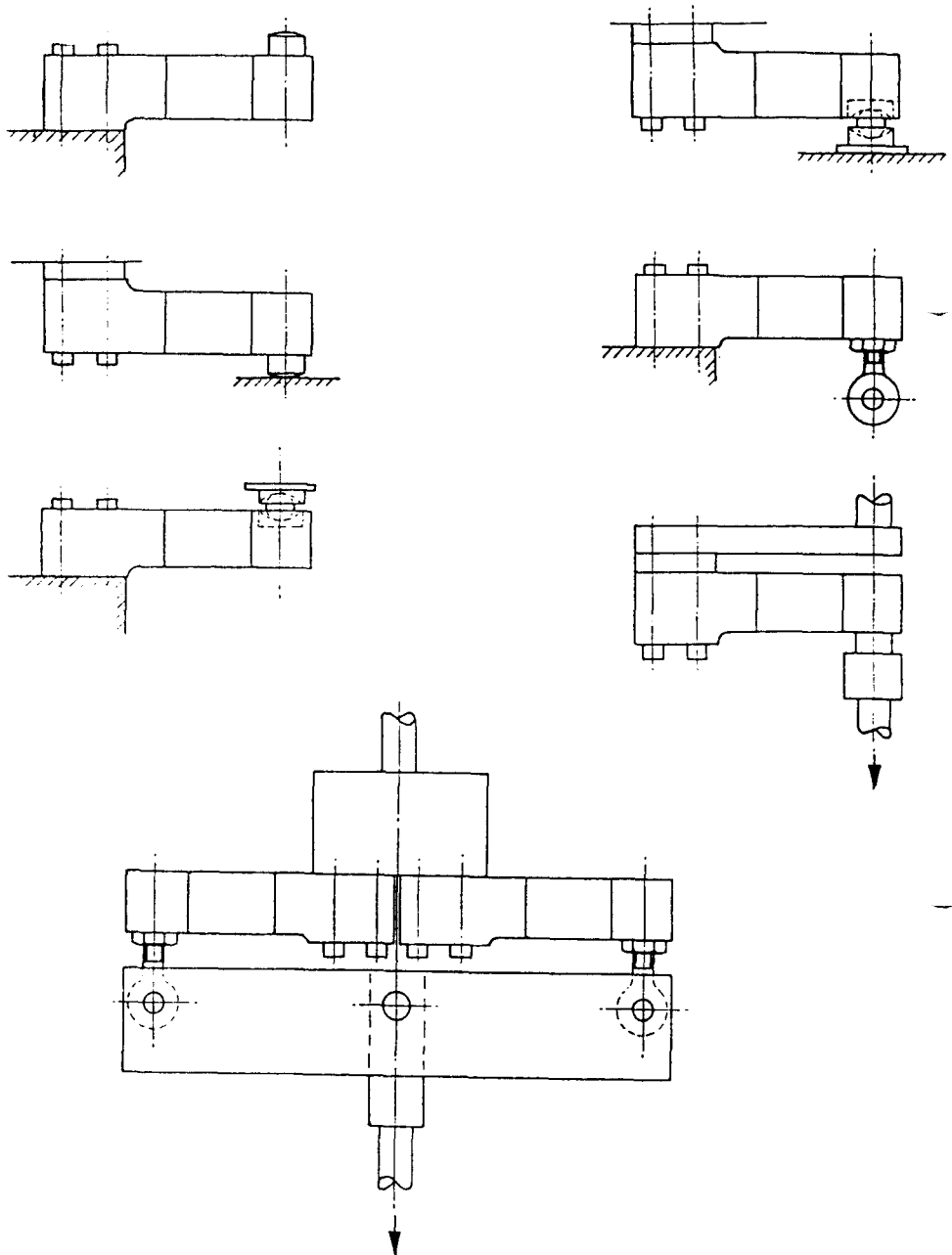


FIGURE S211 - 1



Model 0742 Load Cells

FIGURE S211 - 2



Typical Mounting Methods