

National Standards Commission



Supplementary Certificate of Approval

No S167A

Issued under Regulation 9
of the
National Measurement (Patterns of Measuring Instruments) Regulations

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

Teraoka Seiko Model RW-60 Load Cell

submitted by W W Wedderburn Pty Ltd
90 Parramatta Road
Summer Hill NSW 2130.

This Certificate is issued upon completion of a review of NSC approval No S167.

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 is subject to review on or after 1/11/97.
This approval expires in respect of new instruments on 1/11/98.

Instruments purporting to comply with this approval shall be marked NSC No S167A and only by persons authorised by the submittor.

Instruments incorporating a component purporting to comply with this approval shall be marked NSC No S167A in addition to the approval number of the instrument.

It is the submitter'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 106.

The values of the performance criteria (maximum number of scale intervals etc.) applicable to an instrument incorporating the pattern approved herein shall be within the limits specified herein and in any approval documentation for the other components.

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

DESCRIPTIVE ADVICE

Pattern: approved 10/12/92

. A Teraoka Seiko model RW-60 load cell of 60 kg capacity.

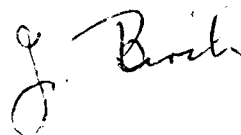
Technical Schedule No S167A describes the pattern.

FILING ADVICE

The documentation for this approval comprises:

Supplementary Certificate of Approval No S167A dated 25/3/93
Technical Schedule No S167A dated 25/3/93 (incl. Table 1)
Figures 1 and 2 dated 25/3/93

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.





National Standards Commission

TECHNICAL SCHEDULE No S167A

Pattern: A Teraoka Seiko Model RW-60 Load Cell

Submitter: W W Wedderburn Pty Ltd
90 Parramatta Road
Summer Hill NSW 2130.

1. Description of Pattern

A Teraoka Seiko model RW-60 load cell of 60 kg capacity (refer Figure 1 and Table 1) approved for use with a maximum of 5000 verification scale intervals. The load cell may also be known as a model CW-60 which is without the optional cover shown in Figure 1.

1.1 Method of Mounting

Mounting is to be in accordance with the manufacturer's instructions and using either method shown in Figure 2.

1.2 Markings

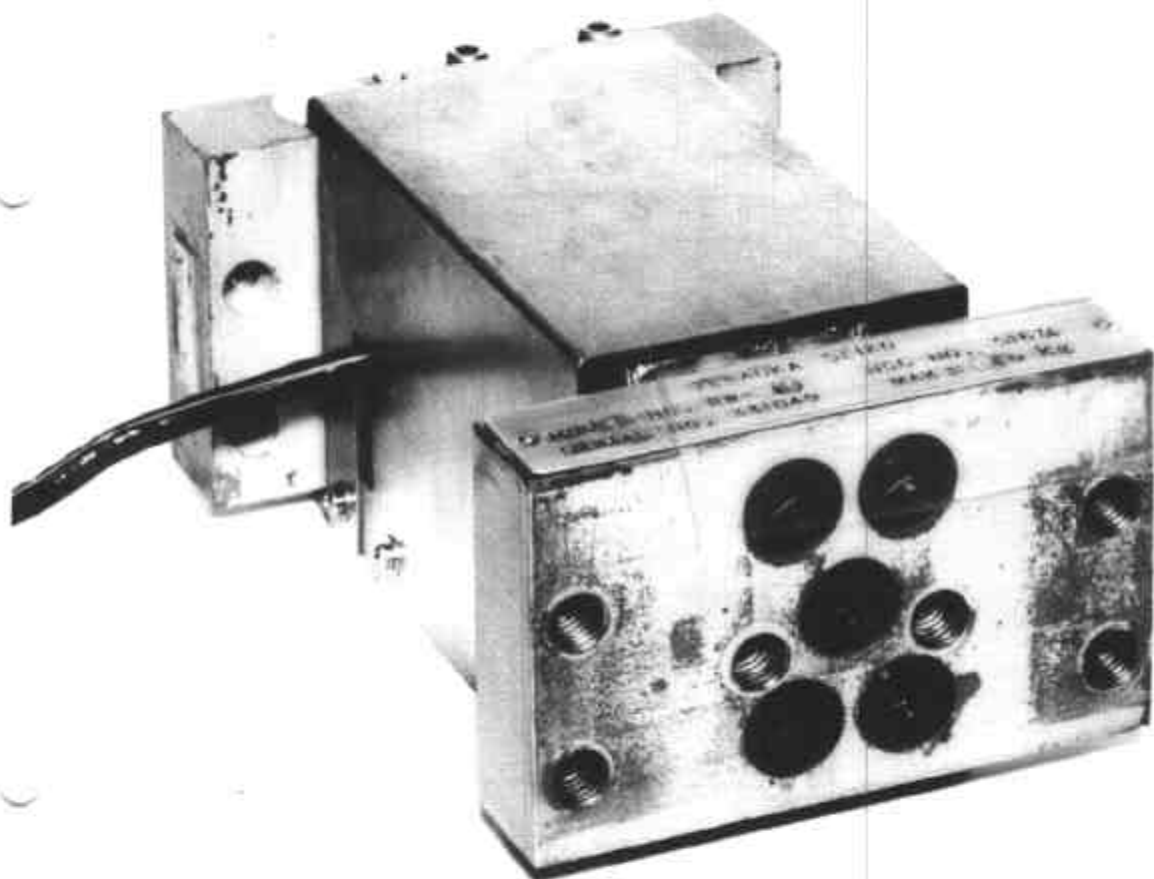
The following is the minimum data required to be marked on the load cells:

Manufacturer's name or mark	
Model number	
Serial number	
NSC approval number	NSC No S167A
Maximum rated capacity	

TABLE 1

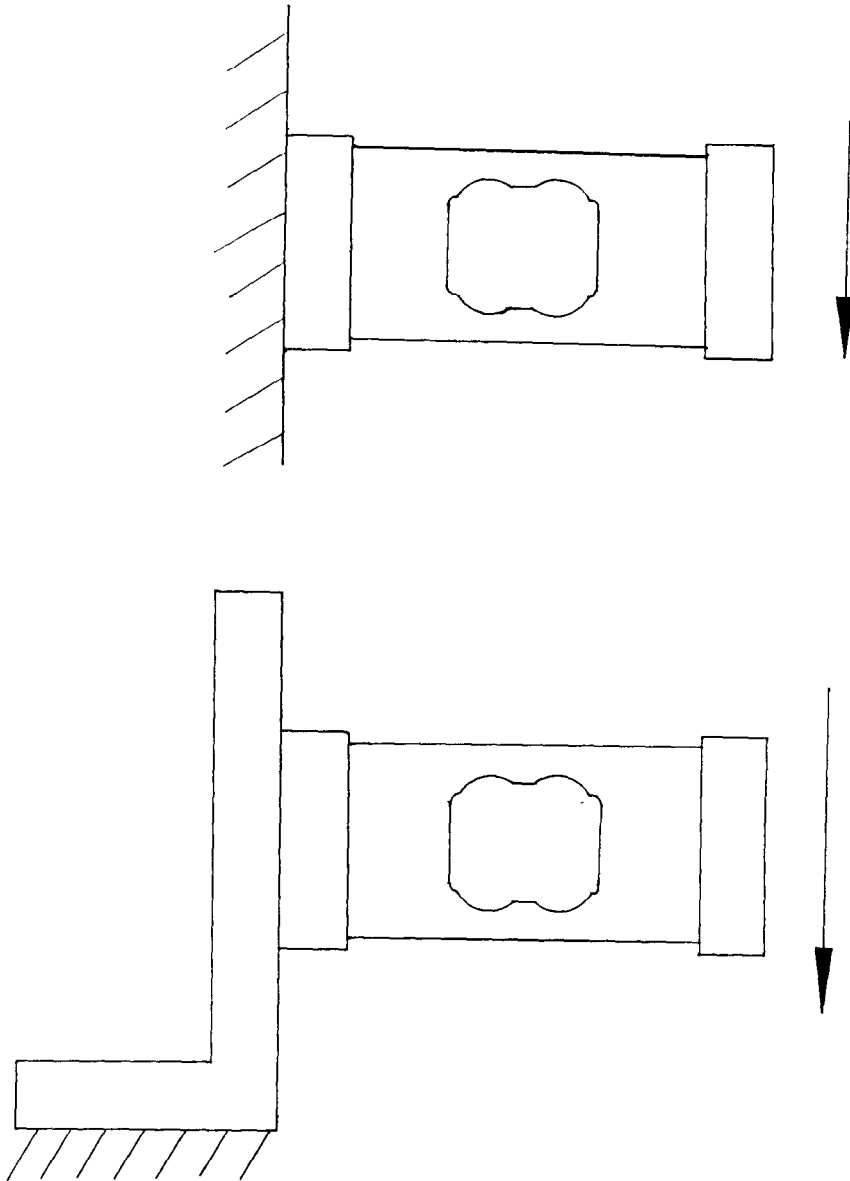
Type: Teraoka Seiko RW-60 (or CW-60)	
Maximum capacity	60 kg
Maximum number of verification scale intervals	5000
Minimum value of verification scale interval	0.002 kg
Minimum dead load output return for multi-range instruments (DR)	0.0053 kg
Output rating (nominal)	1 mV/V
Input impedance (nominal)	350 ohms
Supply voltage (AC or DC)	10 or 15 V
Cable length (± 0.1 m)	1 or 3 m
Number of leads (plus shield)	4

FIGURE S167A - 1



Teraoka Seiko Model RW-60 Load Cell

FIGURE S167A - 2



Typical Mounting Methods