



Australian Government

**National Measurement
Institute**

Bradfield Road, West Lindfield NSW 2070

**Cancellation
Certificate of
Approval No 6/18/23B**

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

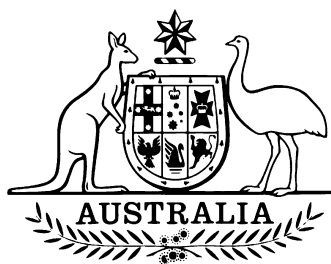
SASTEK Model SASTR1 Overhead-track Weighing Instrument

submitted by SASTEK Pty Ltd
5 Hercules Street
Hamilton QLD 4007

has been cancelled in respect of new instruments as from 1 October 2006.

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

A handwritten signature in black ink, appearing to be the initials "JKT" with a long, sweeping tail that loops back up towards the "K".



National Standards Commission

12 Lyonpark Road, North Ryde NSW

Certificate of Approval

No 6/18/23B

Issued under Regulation 63
of the
National Measurement Regulations 1999

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

SASTEK Model SASTR1 Overhead-track Weighing Instrument

submitted by SASTEK Pty Ltd
5 Hercules Street
Hamilton QLD 4007.

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 Certificate is issued upon completion of a review of NSC approval No 6/18/23A.

CONDITIONS OF APPROVAL

This approval becomes subject to review on 1 August 2005, and then every five years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No 6/18/23B 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 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 Commission 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.

Alternative Commission-approved indicators may be used in which case instruments shall comply with General Certificate No 6B/0.

The pattern as approved herein or with substitute load cells and/or indicator, and in other capacities, or with different platform sizes, shall comply with General Certificate No 6B/0.

DESCRIPTIVE ADVICE

Pattern: approved 28 July 2000

- A SASTEK model SASTR1 overhead-track weighing instrument of 500 kg maximum capacity.

Variants: approved 28 July 2000

1. Of 300 kg maximum capacity.
2. With alternative load cell mounting.

Technical Schedule No 6/18/23B describes the pattern and variants 1 & 2.

FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 6/18/23B dated 31 October 2000
Technical Schedule No 6/18/23B dated 31 October 2000 (incl. Test Procedure)
Figures 1 to 3 dated 31 October 2000

Signed by a person authorised under Regulation 63 of the National Measurement Regulations 1999 to exercise the powers and functions of the Commission under this Regulation.



TECHNICAL SCHEDULE No 6/18/23B

Pattern: SASTEK Model SASTR1 Overhead-track Weighing Instrument.

Submittor: SASTEK Pty Ltd
5 Hercules Street
Hamilton QLD 4007.

1. Description of Pattern

A SASTEK model SASTR1 overhead-track weighing instrument of 500 kg maximum capacity with a verification scale interval of 0.5 kg.

1.1 Trackwork

The model SASTR1 trackwork (Figure 1) has the weigh-rail up to 600 mm long supported by two load cells.

1.2 Load Cells

Two Precision Transducers model LS500 load cells of 500 kg capacity, as described in the documentation of NSC approval No S317, are used and mounted as shown in Figure 2. Note that only this make, model and capacity of load cell shall be used.

1.3 Indicator

A Gedge model GS1650 Mk3 digital indicator is used. The indicator is also described in the documentation of NSC approval No S193B.

1.4 Markings

Instruments carry the following markings:

Manufacturer's mark, or name written in full	SASTEK Pty Ltd
Indication of accuracy class	Ⓜ
Maximum capacity	<i>Max</i> kg *
Minimum capacity	<i>Min</i> kg *
Verification scale interval	<i>e</i> = kg *
Maximum subtractive tare	<i>T</i> = - kg
Serial number of the instrument
Serial numbers of the load cells (#)
Pattern approval mark for the instrument	NSC No 6/18/23B
Pattern approval mark for the indicator	NSC No S

* These markings shall also be repeated adjacent to each reading face, if they are not already located there.

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

1.5 Verification/Certification Provision

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

1.6 Sealing Provision

Provision is made for the calibration adjustments of the indicator to be sealed.

2. Description of Variants

2.1 Variant 1

Of 300 kg maximum capacity with a verification scale interval of 0.2 kg.

2.2 Variant 2

The pattern or variant 1, arranged with the load cells mounted as shown in Figure 3.

TEST PROCEDURE

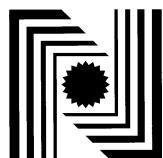
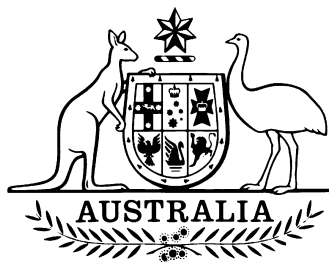
Instruments should be tested in conjunction with any tests specified in the approval documentation for the indicator used, and in accordance with any relevant tests specified in the Inspector's Handbook.

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:

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

6/18/23B
14 August 2001



National Standards Commission

12 Lyonpark Road, North Ryde NSW

Notification of Change

Certificate of Approval No 6/18/23B

Change No 1

The following changes are made to the approval documentation for the

SASTEK Model SASTR1 Overhead-track Weighing Instrument

submitted by SASTEK Pty Ltd
5 Hercules Street
Hamilton QLD 4007.

In Certificate of Approval No 6/18/23B dated 31 October 2000;

1. The final Condition of Approval ("The pattern as approved herein ... No 6B/0.") should be deleted.
2. In the DESCRIPTIVE ADVICE and the FILING ADVICE all references to "6/18/32" should be changed to read "6/18/23B".

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.


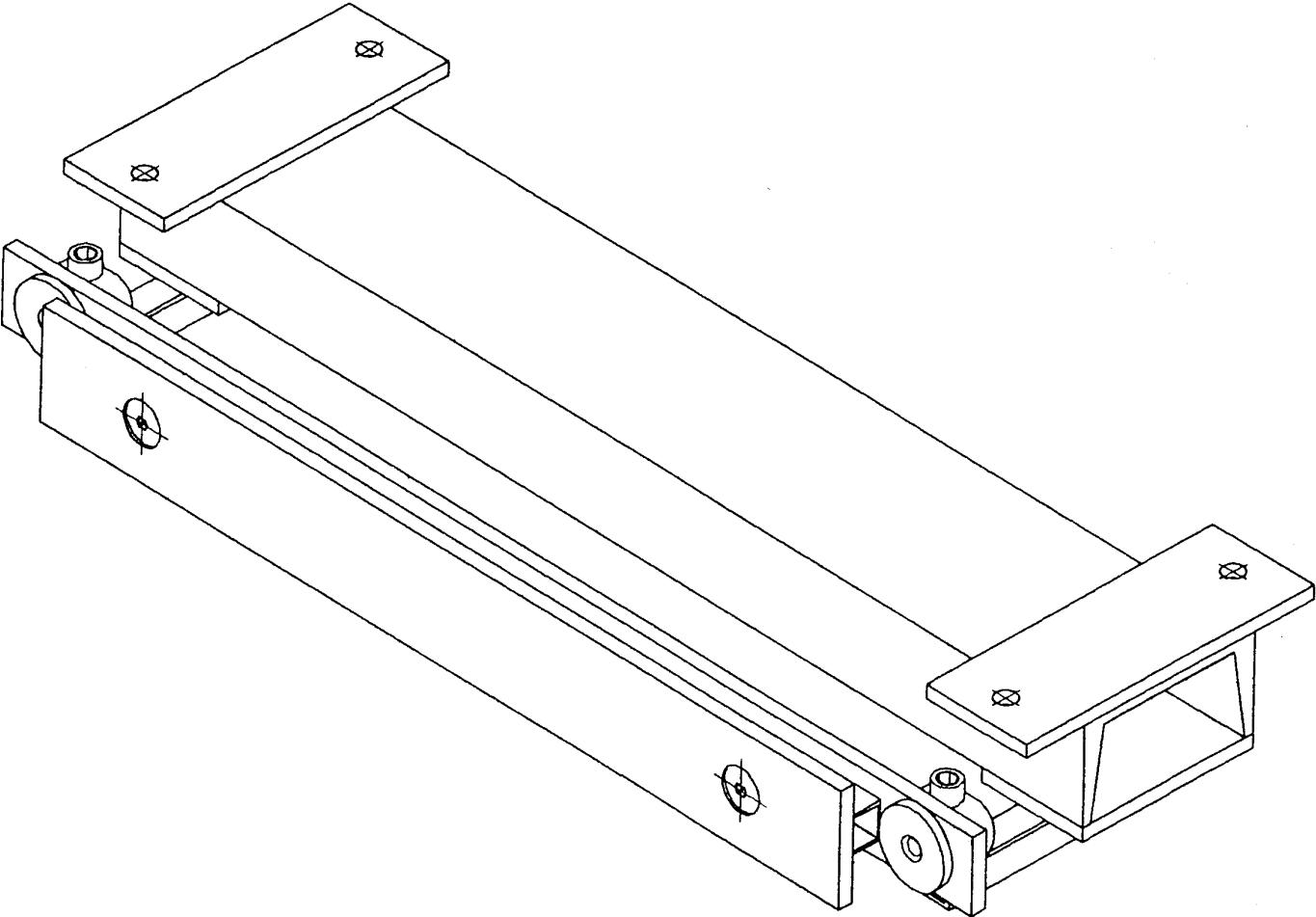


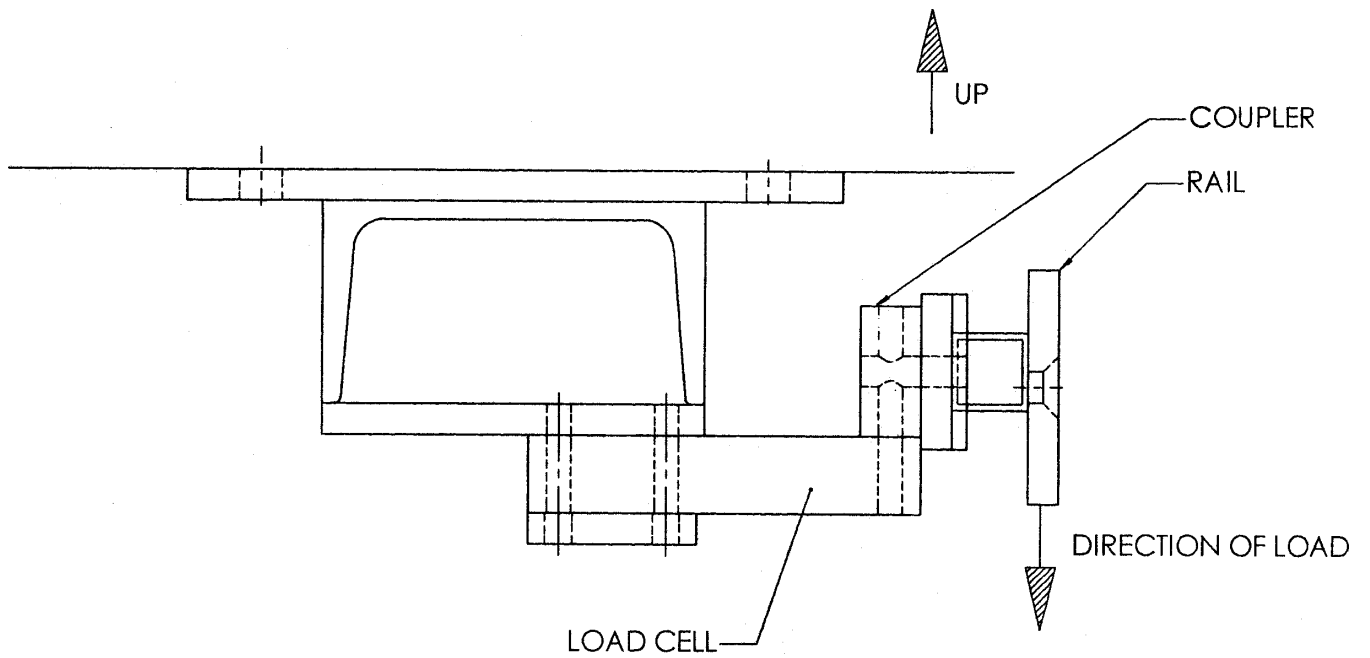
FIGURE 6/18/23B - 1



SASTEK Model SASTR1 Overhead-track Weighing Instrument

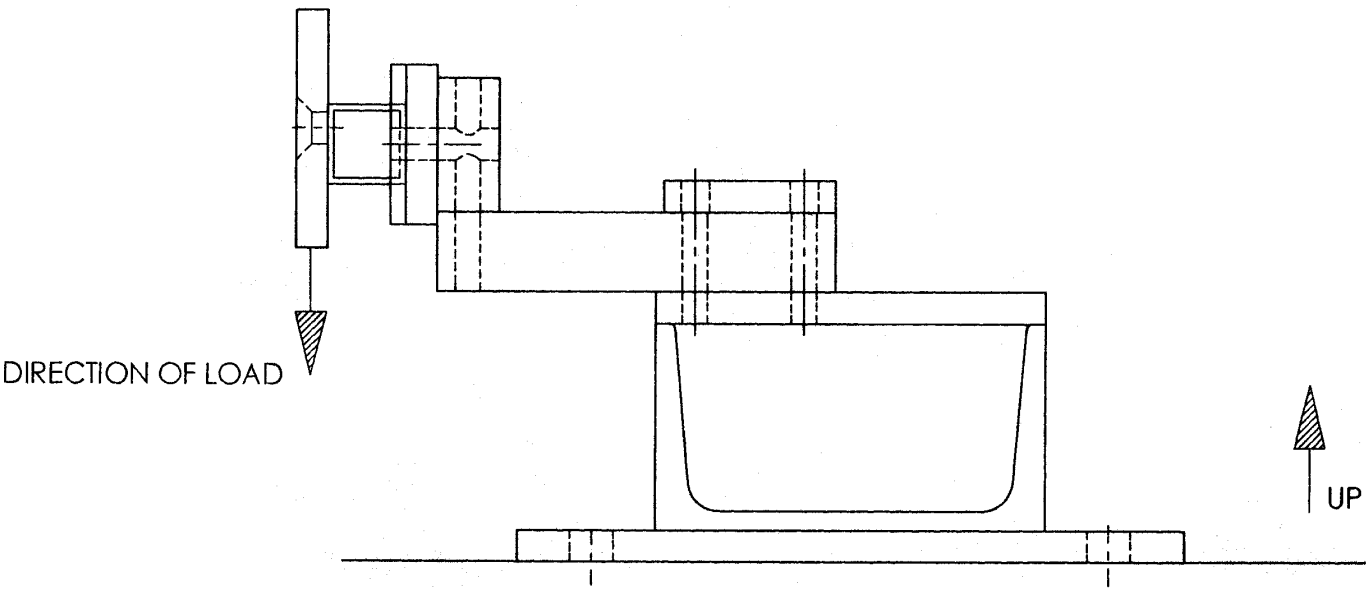
6/18/23B
31 October 2000

FIGURE 6/18/23B - 2



Load Cell Mounting For The Pattern

FIGURE 6/18/23B - 3



Load Cell Mounting For Variant 2