

National Standards Commission



Certificate of Approval

No 6/18/24

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

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

Conveyor Model TS1 Overhead Weighing Instrument

submitted by Conveyor Co of Australia Pty Ltd
134 Dougharty Road
West Heidelberg VIC 3081.

Signed and sealed by a person authorised under Regulation 9 of the National Measurement (Patterns of Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.

A handwritten signature in black ink, appearing to be 'J. Deery', written over a horizontal line.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/6/94.

This approval expires in respect of new instruments on 1/6/95.

Instruments purporting to comply with this approval shall be marked NSC No 6/18/24 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 drawings and specifications 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.

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

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 15/5/89

- A Conveyor model TS1 self-indicating overhead weighing instrument of 4000 kg maximum capacity.

Technical Schedule No 6/18/24 describes the pattern.

Variant: approved 9/11/90

1. With alternative load cells and mountings and of 2 000 kg maximum capacity.

Technical Schedule No 6/18/24 Variation No 1 describes variant 1.

FILING ADVICE

Certificate of Approval No 6/18/24 dated 30/6/89 is superseded by this Certificate and may be destroyed. The documentation for this approval now comprises.

Certificate of Approval No 6/18/24 dated 28/2/91
Technical Schedule No 6/18/24 dated 30/6/89
Technical Schedule No 6/18/24 Variation No 1 dated 28/2/91
Test Procedure No 6/18/24 dated 30/6/89
Figure 1 dated 30/6/89



NATIONAL STANDARDS COMMISSION

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TEST PROCEDURE No 6/18/24

This Test Procedure should be used in conjunction with any tests in the approval documents for the digital Indicator, and in accordance with any relevant tests in the Inspector's Handbook.

The results shall not exceed the maximum permissible errors specified in Document 118, Second Edition, October 1986.

1. Eccentricity Test

The error for any load, placed at any point on the load receptor hook, should not exceed the maximum permissible error for that load.

Note: End tests need not be conducted as the position of the hook carriage on the track is not adjustable.



6/18/24
28/2/91

National Standards Commission

TECHNICAL SCHEDULE No 6/18/24

VARIATION No 1

Pattern: Conveyor Model TS1 Overhead Weighing Instrument.

Submitter: Conveyor Co of Australia Pty Ltd
134 Dougharty Road
West Heidelberg VIC 3081.

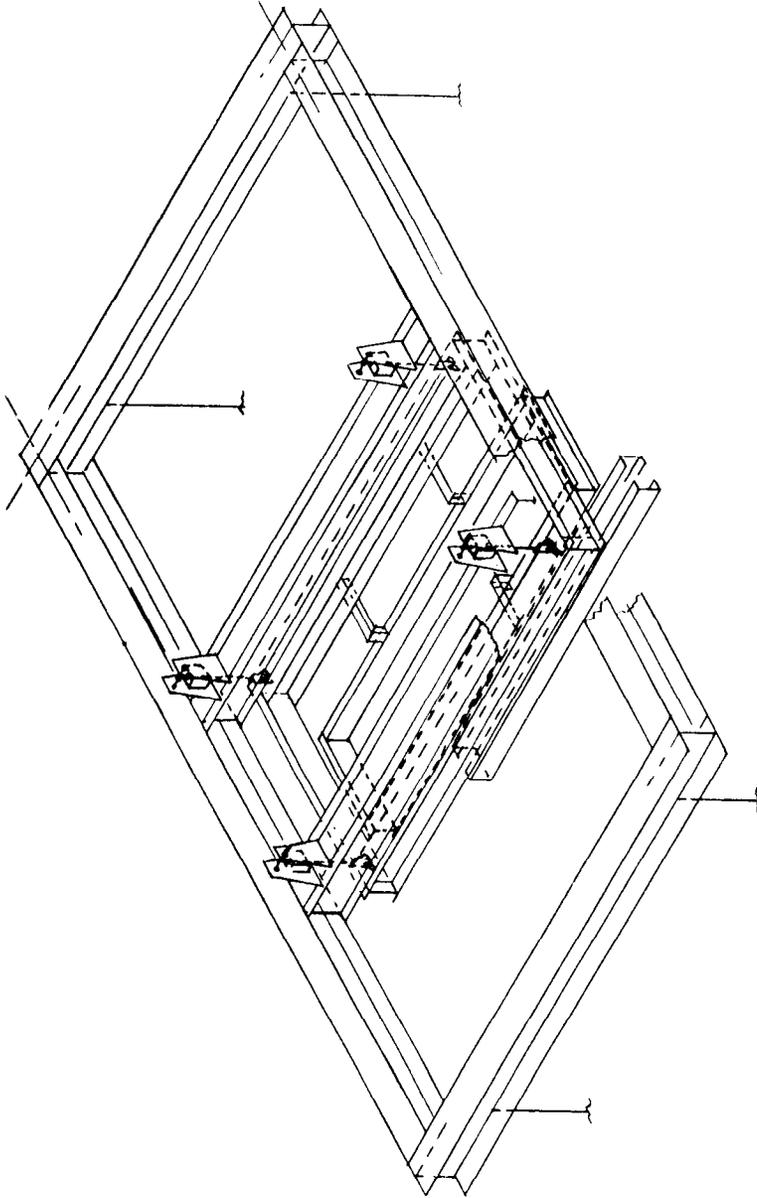
1. Description of Variant 1

With alternative load cells and mountings and with a maximum capacity of 2 000 kg and a verification scale interval of 2 kg.

Four Precision Transducers model LS2500 load cells of 2 500 kg capacity are used as described in the documentation of NSC approval No S224, and mounted using the 'load button' method shown in Figure S224 - 2 dated 24/12/90.

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Figure 6/18/24 - 1



Conveyor Model1 TS1 Trackwork