



National Standards Commission

Cancellation

Supplementary Certificate of Approval No S269

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

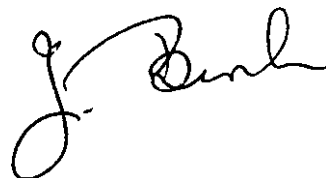
Precision Transducers Model ST 5T Load Cell

submitted by Precision Transducers Ltd
7 Marken Place
Glenfield Auckland 1330
New Zealand

has been cancelled in respect of new instruments as from 31 August 1999.

Instruments which were verified/certified before that date may, with the concurrence of the relevant verifying authority, be submitted for reverification.

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



Supplementary Certificate of Approval

No S269

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

Precision Transducers Model ST 5T Load Cell

submitted by Precision Transducers Limited
7 Marken Place
Glenfield Auckland 10 New Zealand.

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 read 'J. Birch', is written over a faint circular stamp.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/9/95.

This approval expires in respect of new instruments on 1/9/96.

Instruments purporting to comply with this approval shall be marked NSC No S269 and only by persons authorised by the submitter.

Instruments incorporating a component purporting to comply with this approval shall be marked NSC No S269 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 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.

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 8/8/90

. A Precision Transducers model ST 5T load cell of 5 000 kg capacity.

Technical Schedule No S269 describes the pattern.

FILING ADVICE

The documentation for this approval comprises:

Supplementary Certificate of Approval No S269 dated 24/12/90
Technical Schedule No S269 dated 24/12/90 (incl. Table 1 and Test
Procedure)
Figures 1 and 2 dated 24/12/90



National Standards Commission

TECHNICAL SCHEDULE No S269

Pattern: Precision Transducers Model ST 5T Load Cell.

Submittor: Precision Transducers Limited
7 Marken Place
Glenfield Auckland 10 New Zealand.

1. Description of Pattern

The pattern is a Precision Transducers model ST 5T load cell of 5 000 kg capacity (refer Figure 1 and Table 1) approved for use with a maximum of 2 000 verification scale intervals.

1.1 Method of Mounting

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

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 S269
Maximum rated capacity

TABLE 1

Type: Precision Transducers model ST 5T

Maximum capacity		5 000 kg
Maximum number of verification	(a)	2 000
scale intervals	(b)	2 000
Minimum value of verification	(a)	0.31 kg
scale interval	(b)	0.78 kg
Output rating (nominal)		2.0 mV/V
Input impedance (nominal)		410 ohms
Supply voltage (AC or DC)		5-15 V
Number of leads (plus shield)		6
Cable length (± 0.1 m)		0.5-20 m

- (a) Instruments with automatic zero track.
(b) Instruments without automatic zero track.

National Standards Commission



Notification of Change Supplementary Certificate of Approval No S269 Change No 1

The following changes are made to the approval documentation for the

Precision Transducers Model ST 5T Load Cell

submitted by Precision Transducers Ltd
 7 Marken Place
 Glenfield Auckland 10 NEW ZEALAND.

In Supplementary Certificate of Approval No S269 dated 24 December 1990;

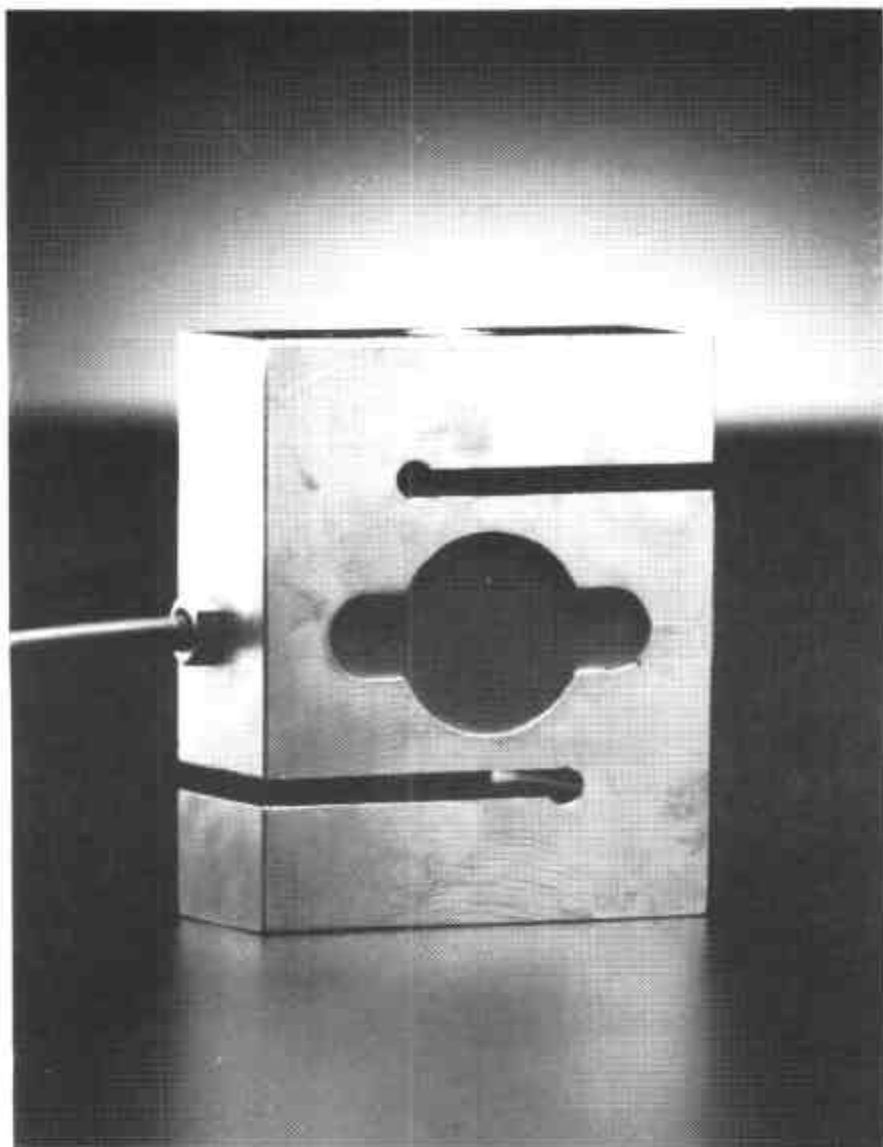
1. The Condition of Approval referring to the review of the approval should be amended to read:

This approval becomes subject to review on 1 September 1995, and then every 5 years thereafter.

2. The Condition of Approval referring to the expiry of the approval should be deleted.

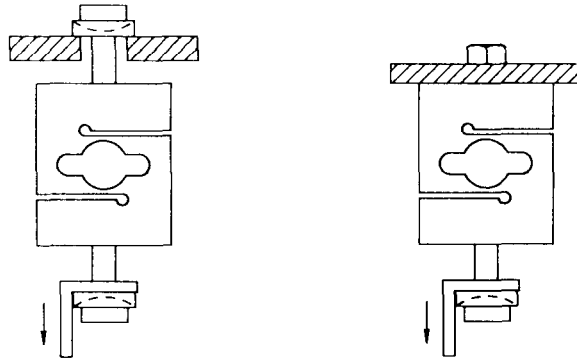
Signed and sealed by a person authorised under Regulation 9 of the National Measurement (Patterns of Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.

FIGURE S269 - 1

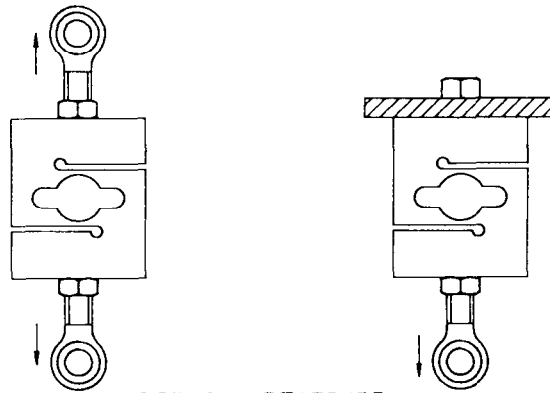


Precision Transducers ST 5T Load Cell

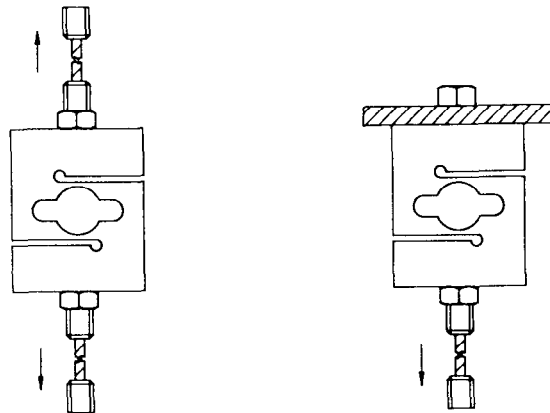
FIGURE S269 - 2



SPHERICAL FITTINGS



ROD END BEARINGS
OR EYE BOLT



FLEXIBLE ROD OR CABLE

Typical Mounting Methods