

National Standards Commission

12 Lyonpark Road, North Ryde NSW

Notification of Change

Supplementary Certificate of Approval No S318

Change No 2

The following change is made to the approval documentation for the

Precision Transducers Model HPC Load Cell

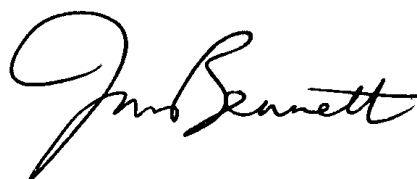
submitted by Precision Transducers Ltd
7 Marken Place
Glenfield Auckland
New Zealand.

In Supplementary Certificate of Approval No S318 dated 27 July 1995, the Condition of Approval referring to the expiry of the approval should be amended to read:

“This approval expires in respect of new instruments on 1 July 2002.”

Note: This Condition of Approval was previously amended by Notification of Change No 1.

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.



National Standards Commission



Supplementary Certificate of Approval

No S318

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

Precision Transducers Model HPC Load Cell

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

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 April 2000.
This approval expires in respect of new instruments on 1 April 2001.

Instruments purporting to comply with this approval shall be marked NSC No S318 and only by persons authorised by the submittor.

Instruments incorporating a component purporting to comply with this approval shall be marked NSC No S318 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 6 March 1995

- A Precision Transducers model HPC load cell of 30 000 kg capacity approved for use with a maximum of 3000 verification scale intervals.

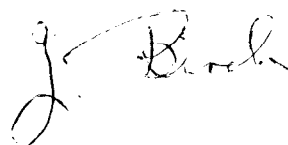
Technical Schedule No S318 describes the pattern.

FILING ADVICE

The documentation for this approval comprises:

Supplementary Certificate of Approval No S318 dated 27 July 1995
Technical Schedule No S318 dated 27 July 1995 (incl. Table 1)
Figures 1 and 2 dated 27 July 1995

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.

A handwritten signature in black ink, appearing to read 'J. Birch', is written over a horizontal line.



National Standards Commission

TECHNICAL SCHEDULE No S318

Pattern: Precision Transducers Model HPC Load Cell.

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

1. Description of Pattern

A Precision Transducers model HPC load cell of 30 000 kg capacity (refer Figure 1 and Table 1) approved for use with a maximum of 3000 verification scale intervals.

1.1 Method of Mounting

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

1.2 Markings

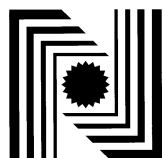
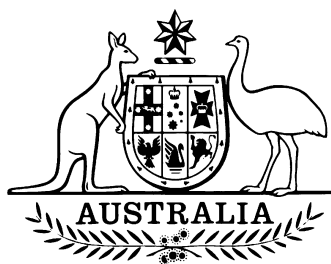
The following is the minimum data required to be marked on the load cells:

Manufacturer's name or mark	
Model number	
Serial number	
NSC approval number	NSC No S318
Maximum rated capacity	

TABLE 1

Type: Precision Transducers HPC

Maximum capacity	30 000	kg
Maximum number of verification scale intervals	3000	
Minimum value of verification scale interval	5	kg
Minimum dead load output return for multiple-range instruments (DR)	3.667	kg
Output rating (nominal)	2.0	mV/V
Input impedance (nominal)	1000	Ω
Supply voltage (constant DC)	8 to 15	V
Cable length (± 0.1 m)	0.5 to 20	m
Number of leads (plus shield)	6	



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Notification of Change

Supplementary Certificate of Approval No S318

Change No 1

The following change is made to the approval documentation for the

Precision Transducers Model HPC Load Cell

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

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“This approval expires in respect of new instruments on 1 January 2002.”

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.


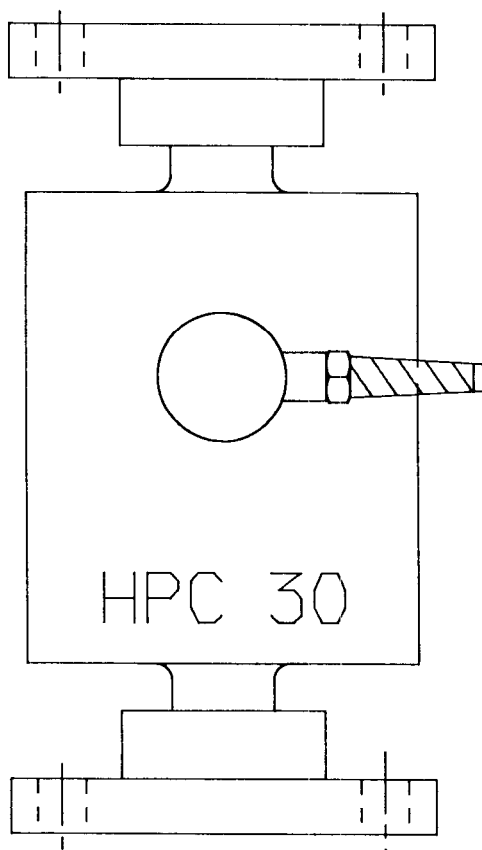


FIGURE S318 - 1



Precision Transducers Model HPC Load Cell

FIGURE S318 - 2



Approved Mounting Method