

# National Standards Commission



## Supplementary Certificate of Approval No S263

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

Phillips Model PR6222/34H Load Cell

submitted by Phillips Scientific & Industrial Pty Ltd  
25 Paul Street North  
North Ryde NSW 2113.

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 the printed text of the signature line.

### CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/3/95.  
This approval expires in respect of new instruments on 1/3/96.

Instruments purporting to comply with this approval shall be marked NSC No S263 and only by persons authorised by the submitter. Instruments incorporating a load cell purporting to comply with this approval shall be marked NSC No S263 in addition to the approval number of the instrument.

This approval may be withdrawn if load cells are constructed other than in accordance with the drawings and specifications lodged with the Commission and/or perform other than in accordance with these approval documents.

The values of the performance criteria (maximum number of scale intervals etc.) applicable to an instrument incorporating these load cells shall be within the limits specified in this approval and in any approval documentation for the other components, excepting any limitations imposed by mechanical indicators on mechanical baseworks in such documentation.

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

### DESCRIPTIVE ADVICE

**Pattern:** approved 19/2/90

- A Phillips model PR6222/34H load cell of 30 t maximum capacity.

Technical Schedule No S263 describes the pattern.

### FILING ADVICE

The documentation for this approval comprises:

Supplementary Certificate of Approval No S263 dated 27/4/90  
Technical Schedule No S263 dated 27/4/90 (Incl. Table 1)  
Figures 1 to 4 dated 27/4/90



# National Standards Commission

## TECHNICAL SCHEDULE No S263

**Pattern:** Philips Model PR6222/34H Load Cell.

**Submittor:** Philips Scientific & Industrial Pty Ltd  
25 Paul Street North  
North Ryde NSW 2113.

### 1. Description of Pattern

The pattern is a Philips model PR6222/34H load cell of 30 t capacity (refer Figure 1 and Table 1) approved for use with a maximum of 5500 verification scale intervals.

#### 1.1 Method of Mounting

Mounting is to be in accordance with the manufacturer's instructions and in accordance with one of the methods shown in Figures 2 to 4.

#### 1.3 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 S263
Maximum rated capacity	

**TABLE 1**

Type:	Philips model PR6222/34H	
Maximum capacity		30 t
Maximum number of verification scale intervals	(a)	5500
	(b)	5500
Minimum value of verification scale interval	(a)	0.95 kg
	(b)	2.36 kg
Output rating (nominal)		1.0 mV/V
Input impedance (nominal)		650 ohms
Supply voltage (AC or DC)		4-24 V (*)
Number of leads (plus shield)		4
Cable length ( $\pm 0.1$ m)		12 m

(a) Instruments with automatic zero track.

(b) Instruments without automatic zero track.

(\*) Recommended voltage range; maximum supply voltage 32 V.

# National Standards Commission



## NOTIFICATION OF CHANGE

### SUPPLEMENTARY CERTIFICATE OF APPROVAL No S263

#### CHANGE No 1

The following changes are made to the approval documentation for the

Philips Model PR6222/34H Load Cell

submitted by Philips Scientific & Industrial Pty Ltd  
25 Paul Street North  
NORTH RYDE NSW 2113.

In Technical Schedule No S263 dated 27/4/90, Table 1 is replaced by the attached Table 1, in which the data relating to the verification scale interval has been amended.

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. Green', written in a cursive style.



# National Standards Commission

## TECHNICAL SCHEDULE No S263

TABLE 1

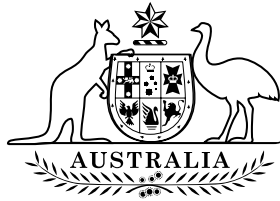
Type: Philips model PR6222/34H

Maximum capacity		30 t
Maximum number of verification scale intervals	(a)	3000
	(b)	3000
Minimum value of verification scale interval	(a)	0.622 kg
	(b)	1.55 kg
Output rating (nominal)		1.0 mV/V
Input impedance (nominal)		650 ohms
Supply voltage (AC or DC)		4-24 V (*)
Number of leads (plus shield)		4
Cable length ( $\pm 0.1$ m)		12 m

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

(\*) Recommended voltage range; maximum supply voltage 32 V.

NOTE: This Table replaces Table 1 issued as part of Technical Schedule No S263 dated 27/4/90.



**National Standards Commission**  
**Notification of Change**  
**Supplementary Certificate of Approval No S263**  
**Change No 2**

The following changes are made to the approval documentation for the

Philips Model PR6222/34H Load Cell

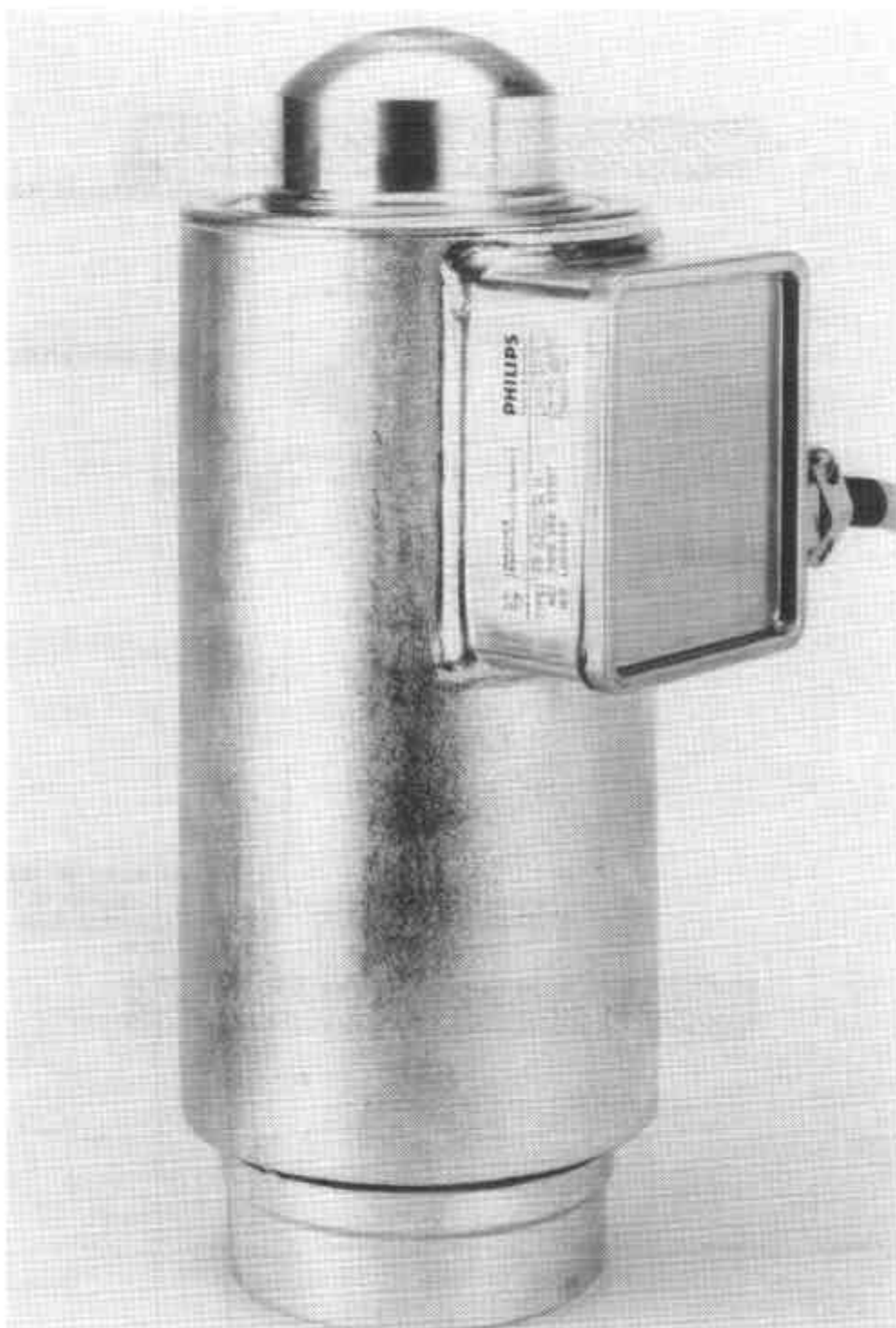
submitted by Philips Scientific & Industrial Pty Ltd  
25 Paul Street  
North Ryde NSW 2113.

1. In Supplementary Certificate of Approval No S263 and its Technical Schedule both dated 27 April 1990;
  - (i) All references to the submitter should be amended to read:  
“GWT GLOBAL Weighing Technologies GmbH  
Meiendorfer Strasse 205  
22145 Hamburg  
GERMANY.”
  - (ii) All references to “Philips” load cells should be amended to read “Philips or GLOBAL Weighing” load cells.

NOTE: This approval expired in respect of new instruments on 1 March 1996.

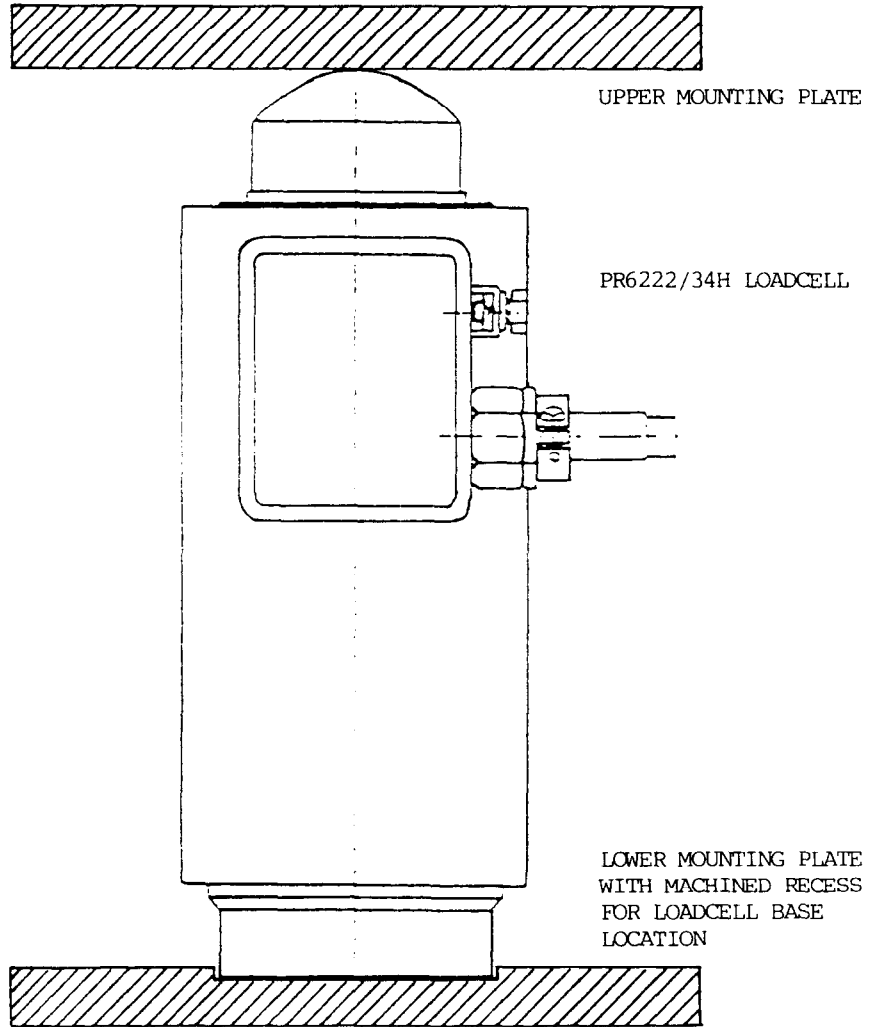
Signed and sealed by a person authorised under Regulation 9 of the National Measurement (Patterns of Measuring Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.

Figure S263 - 1



Philips PR6222 Load Cell

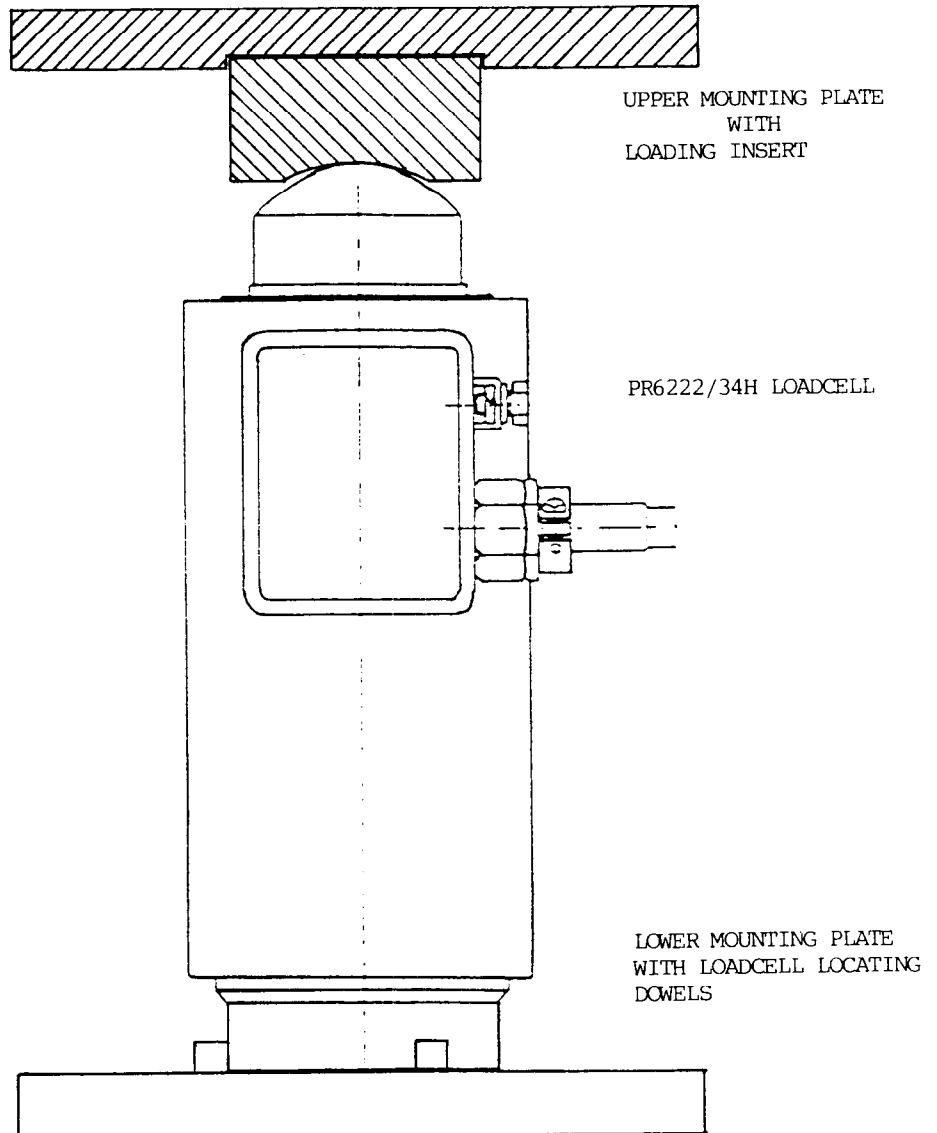
Figure S263 - 2



A Typical Mounting Method



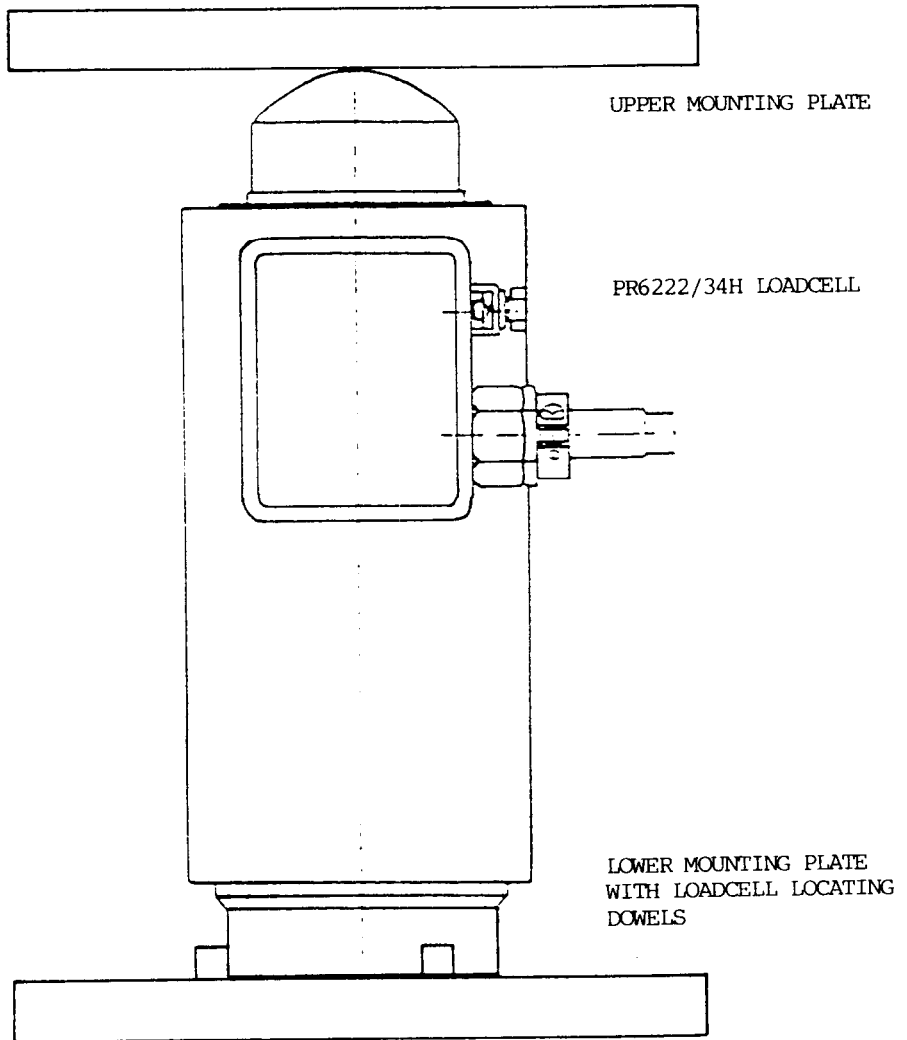
Figure S263 - 3



An Alternative Mounting Method

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27/4/90

Figure S263 - 4



An Alternative Mounting Method