



**Australian Government**  
**National Measurement  
Institute**

Bradfield Road, West Lindfield NSW 2070

**Cancellation**  
**Supplementary Certificate of Approval**  
**No S466**

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

Tedea-Huntleigh Model 3410 Load Cell

submitted by           W W Wedderburn Pty Ltd  
                                  90 Parramatta Road  
                                  SUMMER HILL   NSW   2130

has been cancelled in respect of new instruments as from 1 January 2012.

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, consisting of a series of loops and flourishes, positioned to the right of the signature text.



**Australian Government**  

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**National Measurement  
Institute**

12 Lyonpark Road, North Ryde NSW 2113

**Supplementary Certificate of Approval**  
**No S466**

Issued by the Chief Metrologist under Regulation 60  
of the  
National Measurement Regulations 1999

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

Tedea-Huntleigh Model 3410 Load Cell

submitted by W W Wedderburn Pty Ltd  
90 Parramatta Road  
Summer Hill NSW 2130.

**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 becomes subject to review on 1 December 2010, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked with approval number 'NMI S466' and only by persons authorised by the submitter.

Instruments incorporating a component purporting to comply with this approval shall be marked 'NMI S466' 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 National Measurement Institute (NMI) 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 document NMI P 106.

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

#### DESCRIPTIVE ADVICE

**Pattern:** approved 18 November 2005

- A Tedeo-Huntleigh model 3410 load cell of 250 kg maximum capacity.

**Variants:** approved 18 November 2005

1. Certain other capacities as listed in Table 1.
2. Model 3411.

Technical Schedule No S466 describes the pattern and variants 1 & 2.

#### FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No S466 dated 7 December 2005  
Technical Schedule No S466 dated 7 December 2005 (incl. Table 1)  
Figures 1 to 3 dated 7 December 2005

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 'J. H. T.', located in the bottom right corner of the page.

TECHNICAL SCHEDULE No S466

**Pattern:** Tedeo-Huntleigh Model 3410 Load Cell  
**Submittor:** W W Wedderburn Pty Ltd  
90 Parramatta Road  
Summer Hill NSW 2130

**1. Description of Pattern**

A Tedeo-Huntleigh model 3410 load cell of 250 kg maximum capacity (Figure 1 and Table 1) approved for use with up to 3000 verification intervals.

**1.1 Method of Mounting**

Mounting is to be in accordance with the manufacturer's instructions and as shown in Figures 2 and 3.

The loading hole of the pattern is either a through hole or has an M12 thread.

**1.2 Markings**

Each load cell is marked with the following:

Manufacturer's mark, or name written in full	.....
Name or mark of manufacturer's agent	WEDDERBURN
Model number	.....
Class (classification)	C
Serial number	.....
Pattern approval mark	S466
Maximum capacity $E_{max}$	..... kg

**1.3 Table of Specifications**

Specifications for the pattern are given in Table 1.

**2. Description of Variants**

**2.1 Variant 1**

Certain other capacities as listed in Table 1.

**2.2 Variant 2**

Model 3411 which is the same as the model 3410 except that the loading hole has a ½-20 UNF thread.

TABLE 1

Type: Tedeo-Huntleigh model 3410 or 3411 as listed below:

Maximum number of verification intervals		3000	3000	3000
Maximum capacity, $E_{max}$	kg	250	500	1000
Minimum value of verification interval, $v_{min}$	kg	0.025	0.050	0.100
Minimum dead load output return value (DR)	kg	0.042	0.083	0.167

Characteristics common to all 3410/3411 series load cells:

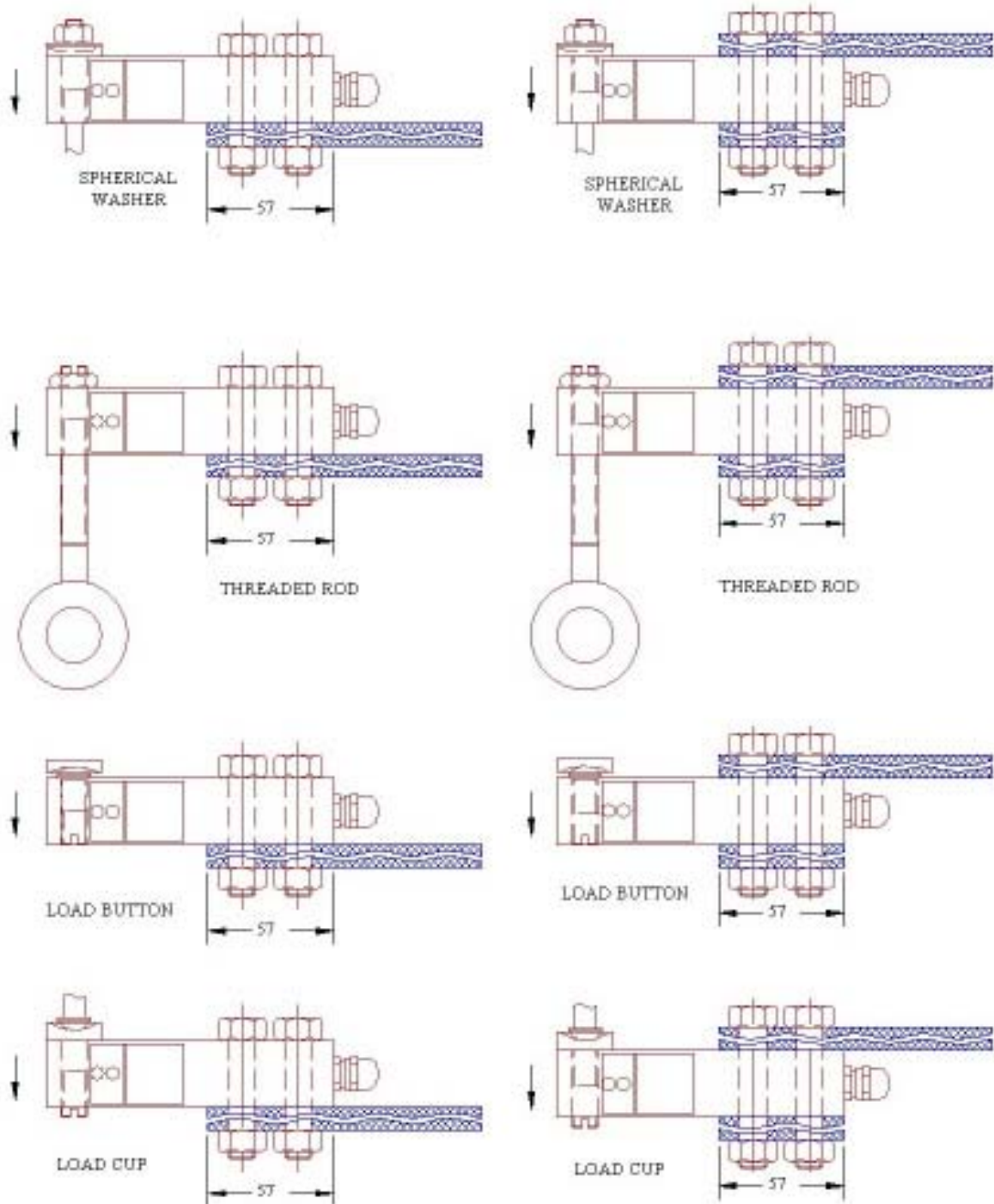
Accuracy class		C
Output rating (nominal)	mV/V	2
Input impedance (nominal)	ohm	380
Supply voltage (AC or DC) Max.	V	15
Cable length ( $\pm 0.1$ m)	m	3 m
Number of leads (plus shield)		6

FIGURE S466 – 1



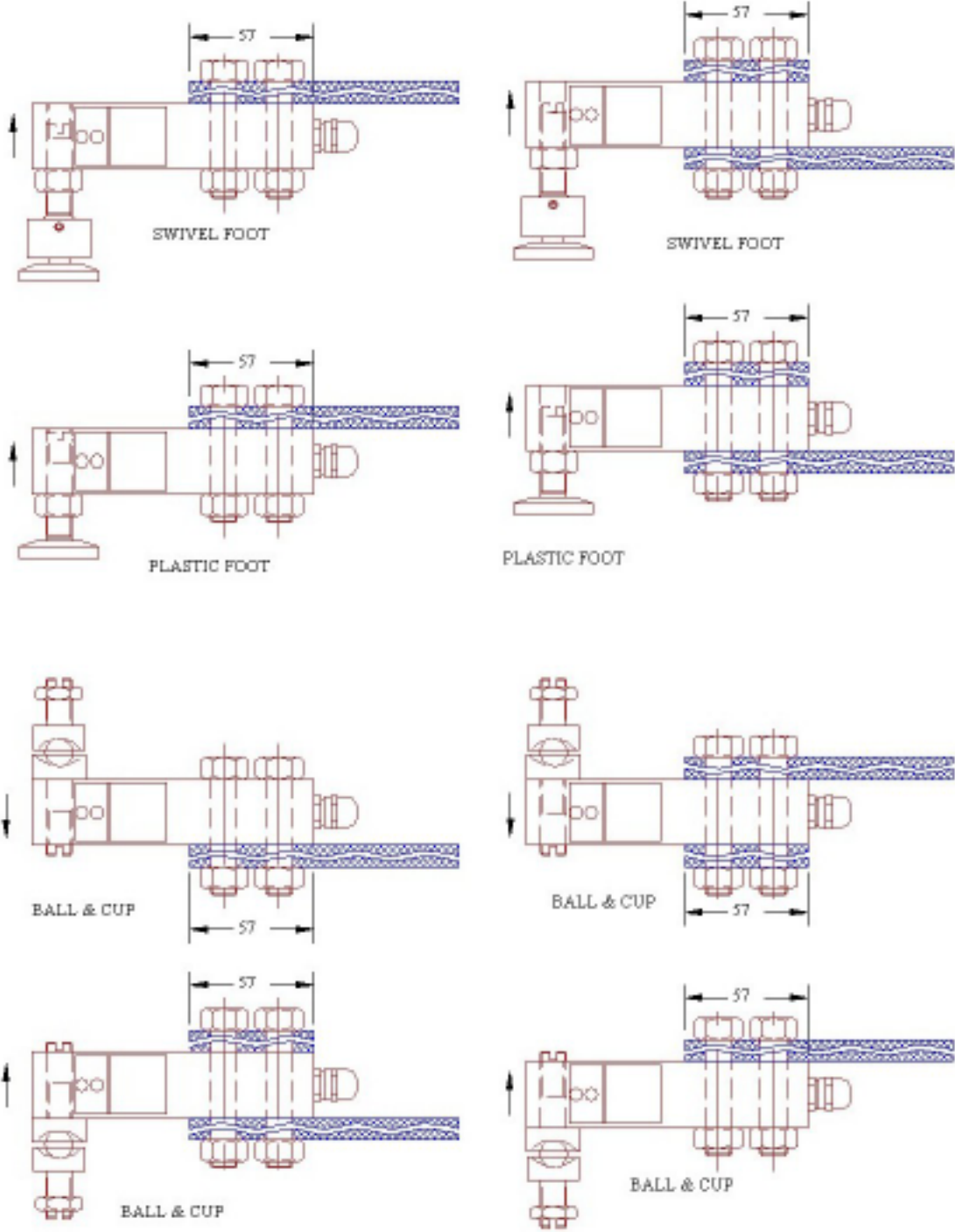
Tedea-Huntleigh Model 3410 Load Cell

FIGURE S466 – 2



Note: The arrows indicate the direction of loading as shown on the load cell.

FIGURE S466 – 3



Note: The arrows indicate the direction of loading as shown on the load cell.