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C O I L E D

NATIONAL STANDARDS COMMISSION

SUPPLEMENTARY CERTIFICATE OF APPROVAL No S115

This is to certify that the pattern and variants of the

Tedea Series 300F Beam Load Cell of 30 kg capacity

submitted by J.W. Wedderburn & Sons Pty Ltd,
90 Parramatta Road,
Summer Hill, New South Wales, 2130,

have been approved under the Weights and Measures (Patterns of Instruments) Regulations as being suitable for use for trade when used in a Commission approved weighing instrument.

Pattern: approved 6/11/80

. Tedea Series 300F Beam Load Cell of 30 kg capacity

Variant 1: approved 6/11/80

. of capacity 10 kg.

The pattern and variants are described in Technical Schedule No S115 issued on 15/12/80, and in drawings and specifications lodged with the Commission.

The pattern and variants are subject to review on or after 1/12/85.

Conditions of Approval

1. The number of scale intervals applicable to the whole instrument will be no greater than the smallest of the number of verified scale intervals approved for the basework, the load cell, or the headwork, whichever is the smallest.
2. The load cells to be used shall be subject to regular certification by the National Standards Commission.

All instruments modified in accordance with this Certificate shall be marked with the approval number "NSC No S115", in addition to the approval number of the unmodified pattern.

Signed

Executive Director



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No S115

Pattern: Teda Series 300F Beam Cell of 30 kg capacity

Submittor: J.W. Wedderburn & Sons Pty Ltd,
90 Parramatta Road,
Summer Hill, New South Wales, 2130.

1. Description of Pattern

The pattern is a Teda Series 300F Beam Load Cell of 30 kg capacity (see Figure 1 and Table 1) assembled in a Commission-approved basework.

1.1 Method of mounting

- (1) Mounting is to be as shown in Figure 2.
- (2) An inspection port is to be provided in proximity to the load cell mounting.

1.2 Marking

The following is the minimum of data required to be permanently marked on the load cell:

Manufacturer's name	
Model number	
Serial number	
Output in the form	mV/V
Maximum rated capacity	

2. Description of Variant

2.1 Variant 1

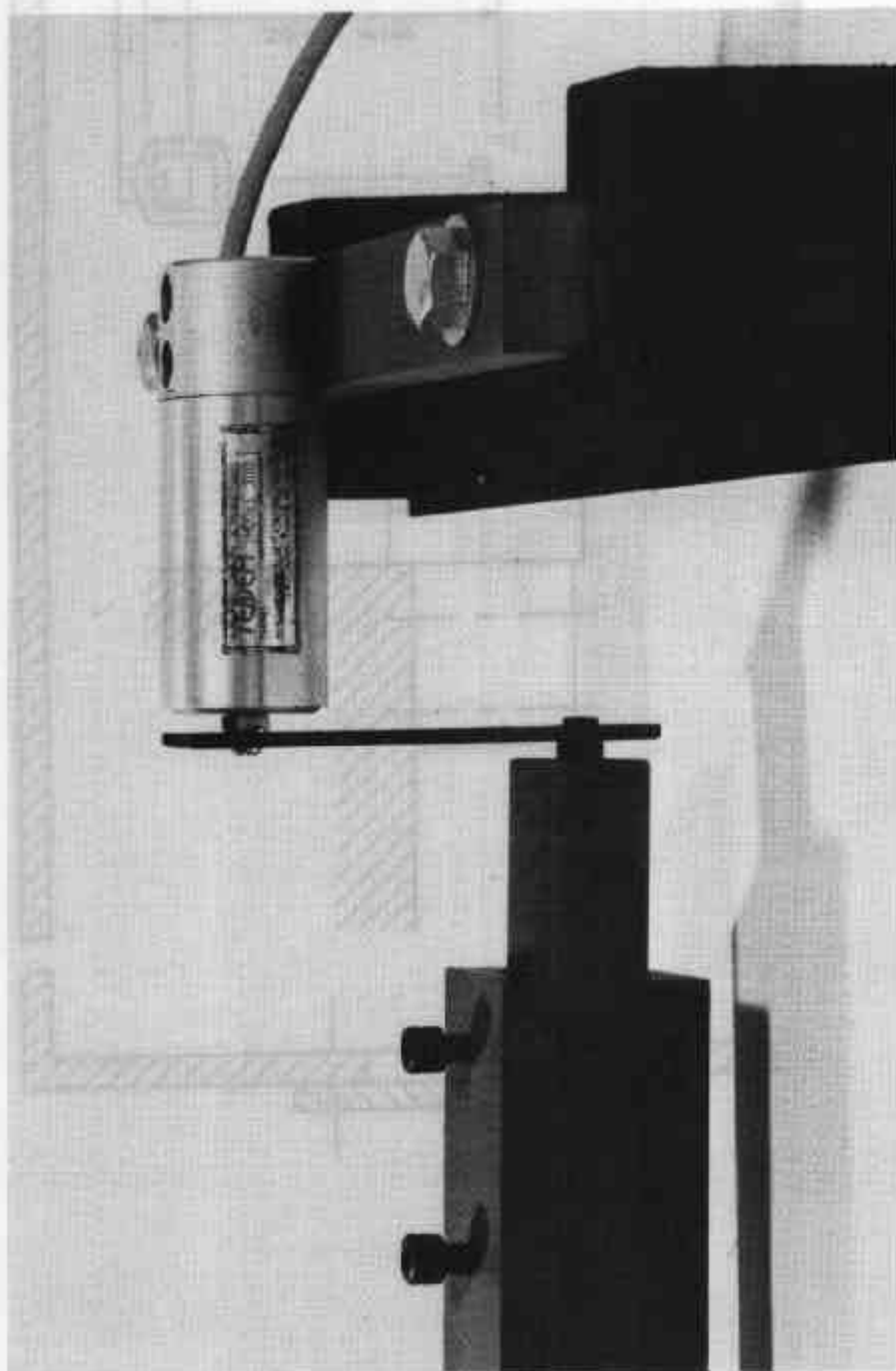
Of capacity 10 kg see Table 1.

TABLE 1

Type	300F	300F
Capacity	10 kg	30 kg
Max. no verification scale intervals	3000	2500
Min. dead load	1 kg	1.5 kg
Min. measuring range	4 kg	12.0 kg
Max. measuring range	10 kg	30.0 kg

Tedea Series 300 Beam Load Cell - approved capacities

FIGURE S115 - 1

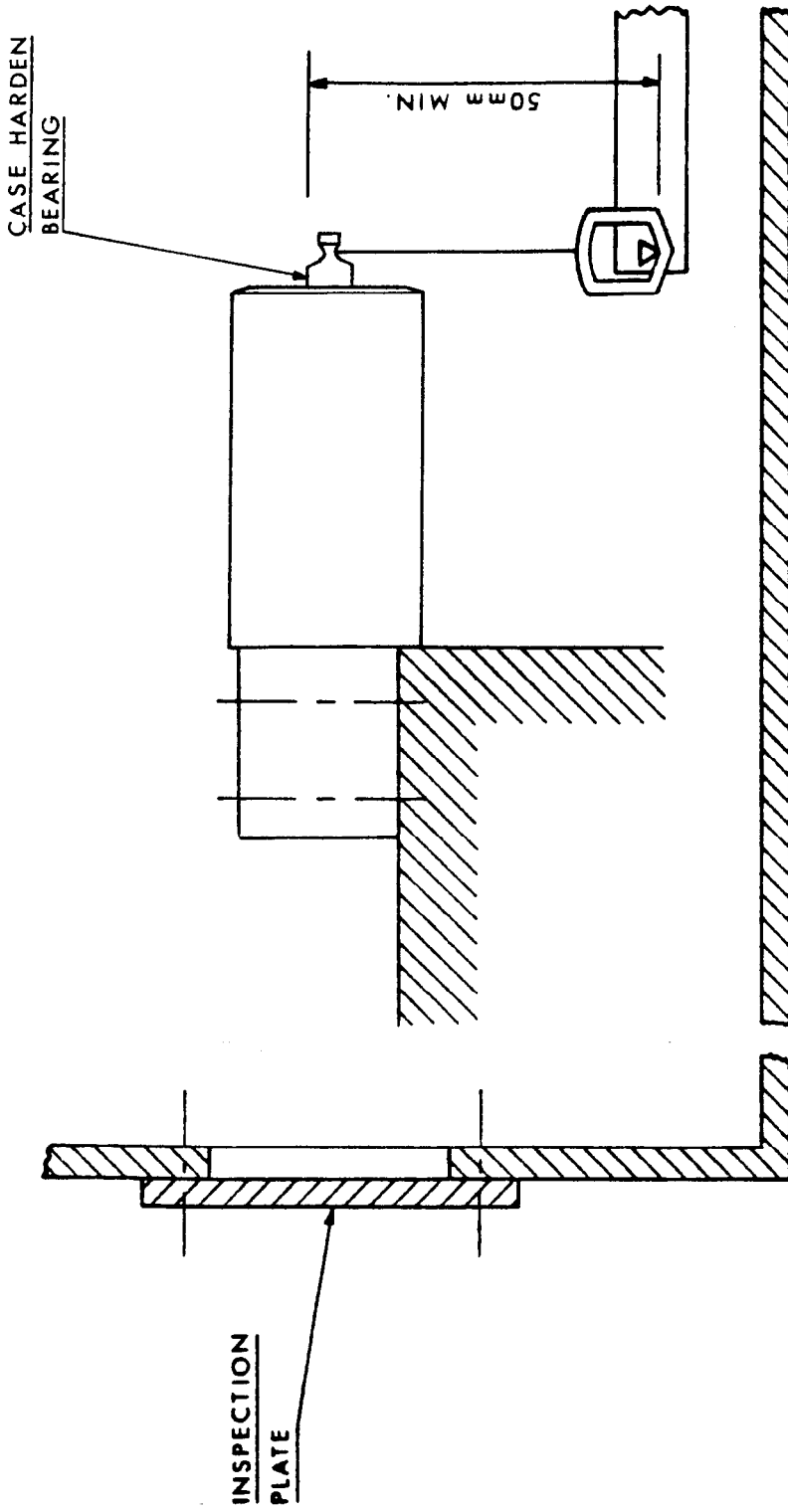


Tedea Model 1 300F Load Cell

15/12/80

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FIGURE S115 - 2



Mounting of Tedea Series 300
Load Cell - Schematic Diagram