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NATIONAL STANDARDS COMMISSION

SUPPLEMENTARY CERTIFICATE OF APPROVAL No S112

This is to certify that the pattern and variants of the

Toledo Series 0723 Beam Load Cell of 22 kg Capacity

submitted by Toledo-Berkel Pty Ltd,
525 Graham Street,
Port Melbourne, Victoria, 3207,

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 17/12/80

. Toledo Series 0723 Beam Load Cell of 22 kg Capacity

Variant: approved 17/12/80

. Of capacities 2 kg, 7 kg, 11 kg, 45 kg and 90 kg.

The pattern and variants are described in Technical Schedule No S112 issued on 27/1/81, and in drawings and specifications lodged with the Commission.

The pattern and variants are subject to review on or after 1/12/83.

Condition of Approval

1. The number of scale intervals applicable to the whole instrument will be no greater than the number of verified scale intervals approved for the base-work, or the load cell, or the headwork, whichever is the smallest.
2. The load cells 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 S112", in addition to the approval number of the unmodified pattern.

Signed

Executive Director



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No S112

Pattern: Toledo Series 0723 Beam Load Cell of 22 kg capacity

Submittor: Toledo-Berkel Pty Ltd,
525 Graham Street,
Port Melbourne, Victoria, 3207.

1. Description of Pattern

The pattern is a Toledo Series 0723 Beam Load Cell of 22 kg capacity (see Figure 1 and Table 1) assembled in a Commission-approved basework, with the load cell mounted only as below.

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	
Part number	
Serial number	
Output in the form	mV/V
Maximum rated capacity	

2. Description of Variants

2.1 Variant 1

Of capacities 2 kg, 7 kg, 11 kg, 45 kg, and 90 kg (see Table 1).

TABLE 1

Capacity	2 kg	7 kg	11 kg	22 kg	45 kg	90 kg
Max. No. verification scale intervals	4000	4000	4000	4000	4000	4000
Min. dead load	0.1 kg	0.5 kg	1.0 kg	1.5 kg	1.5 kg	1.5 kg
Min. measuring range	0.7 kg	2.5 kg	4.0 kg	9.0 kg	17.0 kg	35.0 kg
Max. measuring range	2.0 kg	7.0 kg	11.0 kg	22.0 kg	45.0 kg	90.0 kg

Toledo Series 0723 Load Cell - approved capacities



NATIONAL STANDARDS COMMISSION

S112
23/3/87

CANCELLATION CERTIFICATE OF APPROVAL No S112

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

Toledo Series 0723 Beam Load Cell of 22 kg Capacity

submitted by Toledo-Berkel Pty Ltd
525 Graham Street
Port Melbourne Vic 3207

has been cancelled in respect of new instruments as from 1 March 1987.

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

Signed

A handwritten signature in cursive script, appearing to read 'J. Birch'.

Executive Director

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NATIONAL STANDARDS COMMISSION

NOTIFICATION OF CHANGE

CERTIFICATE OF APPROVAL No S112

CHANGE No 1

The following change is made to the description of the Toledo Series 0723 Beam Load Cell of 22 kg Capacity given in Technical Schedule No S112, dated 27/1/81:

Figure 1 is replaced by the attached Figure.

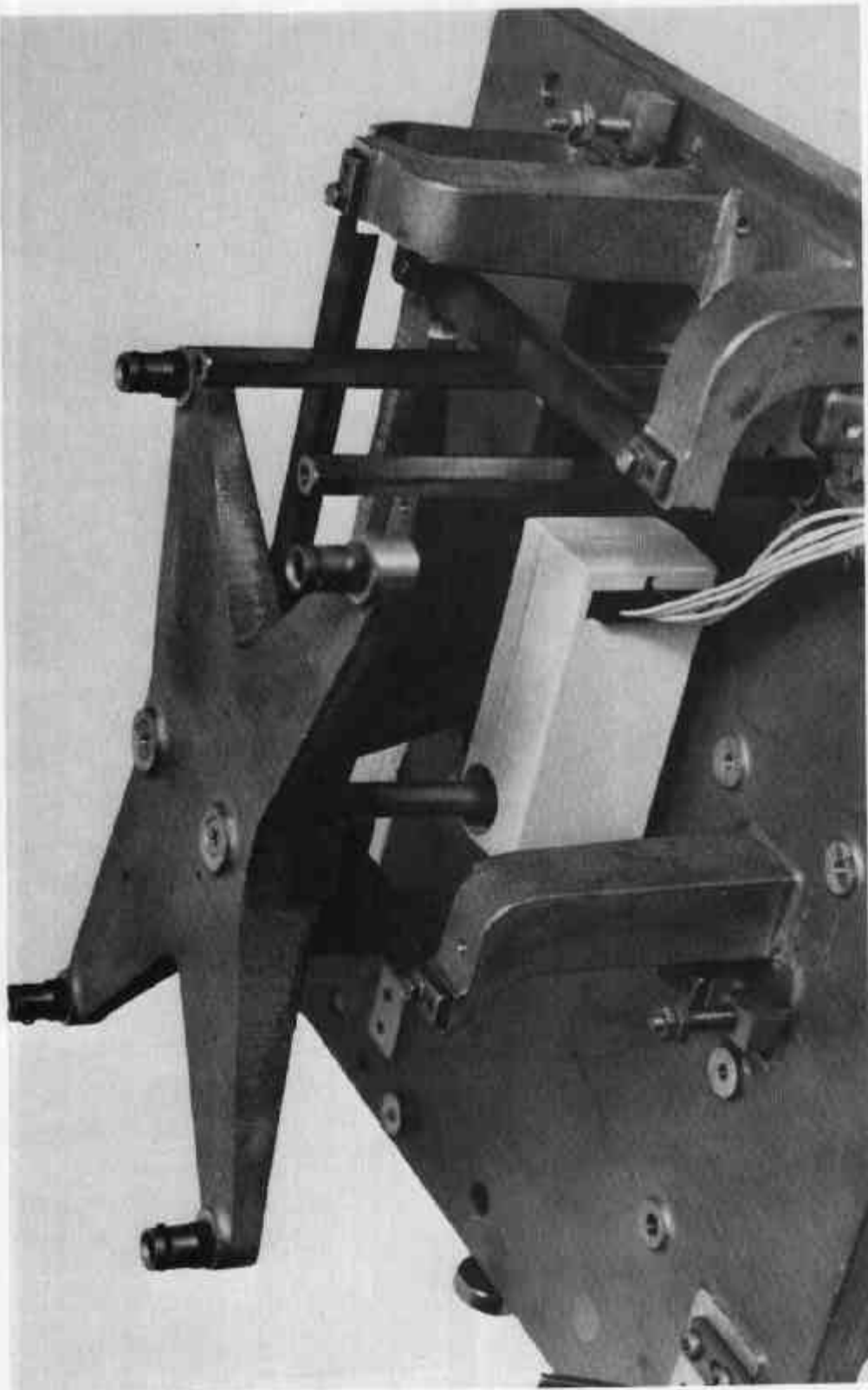
Signed

A handwritten signature in black ink, appearing to read 'Philip S. Champion'.

Acting Executive Director

27/2/81

FIGURE S112 - 1



Load Cell in Typical Mounting

27/1/81
(re-issued 27/2/81)