

CANCELLED

6/9C/89
2/6/86



NATIONAL STANDARDS COMMISSION

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

CERTIFICATE OF APPROVAL No 6/9C/89

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

Yamato Model DP 4000 Platform Weighing Instrument

submitted by Yamato Scale (Australia) Pty Ltd
16 Gertrude Street
Arncliffe NSW 2205.

Conditions of Approval

General:

This approval is subject to review on or after 1/9/89.

Instruments purporting to comply with this approval shall be marked NSC No 6/9C/89.

This approval may be withdrawn if instruments are constructed and used other than as described in the drawings and specifications lodged with the Commission.

The maximum number of scale intervals applicable to the instrument shall be no greater than the number of verification scale intervals approved for the basework, or the load cell, or the indicator, whichever is the smallest.

The load cells used shall be subject to regular certification by the Commission.

Special:

If used in a Class IV application instruments shall be marked IIII and FOR LUGGAGE ONLY (or similar) adjacent to the indicator.

Signed

Executive Director

Descriptive Advice

Pattern: approved 16/8/84

. A self-indicating platform weighing instrument of up to 150 kg capacity.

Variants: approved 16/8/84

1. Of 60 kg maximum capacity.
2. Of 30 kg maximum capacity.

Technical Schedule No 6/9C/89 describes the pattern and variants 1 and 2.

Variant: approved 21/2/86

3. With a model R208-A1 or R208-A2 indicator replacing the indicator of the pattern.

Technical Schedule No 6/9C/89 Variation No 1 describes variant 3.

Filing Advice

Certificate of Approval No 6/9C/89 dated 19/2/85 is superseded by this Certificate and may be destroyed. The documentation for this approval now comprises:

Certificate of Approval No 6/9C/89 dated 2/6/86
Technical Schedule No 6/9C/89 dated 19/2/85 (including Test Procedure)
Technical Schedule No 6/9C/89 Variation No 1 dated 2/6/86
Figures 1 to 3 dated 19/7/85
Figure 4 dated 2/6/86



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/9C/89

Pattern: Yamato Model DP4000 Platform Weighing Instrument

Submitter: Yamato Scale (Australia) Pty Ltd

on behalf of: Yamato Scale Co Ltd
5/22 Chaemba-Cho
Akashi 673 Japan

1. Description of Pattern

A self-indicating platform weighing instrument of up to 150 kg capacity.

1.1 Basework

The model DP4000 mechanical basework (Figures 1 and 2) uses a model UH6-250L-U load cell described in the documentation NSC approval No S182 as being suitable for use with up to 2000 scale intervals.

The basework is provided with 4 adjustable feet. Adjacent to the level indicator is a notice advising that the instrument must be level when in use.

1.2 Indicator

The model EDI-500W indicator (Figure 3) is described in the documentation of NSC approval No S129.

1.3 Verification

Provision is made for a verification mark to be applied.

1.4 Markings

Instruments are marked with the following data, in a clearly visible location:

Manufacturer's name or mark	
NSC approval number	NSC No 6/9C/89
Serial number	
Accuracy class	(III)
Maximum capacity	Maxkg*
Minimum capacity	Minkg*
Verification scale interval	e = d =kg*
Load cell serial number(s)	

2. Description of Variants

2.1 Variant 1

Of 60 kg maximum capacity using a model UH6-100-C3 load cell, and approved for use with up to 3000 scale intervals.

2.2 Variant 2

Of 30 kg maximum capacity using a model UH6-50-C3 load cell, and approved for use with up to 3000 scale intervals.

TEST PROCEDURE

The instrument should be tested in accordance with any test procedure specified in the approval documentation for the indicator used.



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/9C/89

VARIATION No 1

Pattern: Yamato Model DP4000 Platform Weighing Instrument

Submittor: Yamato Scale (Australia) Pty Ltd
16 Gertrude Street
Arncliffe NSW 2205.

1. Description of Variant 3

With an R208-A1 or R208-A2 indicator replacing the EDI-500W indicator, and approved for use with up to 1000 scale intervals.

The indicator may use a remote display and keyboard (Figure 4).

1.1 Zero

Zero is automatically corrected to within $0.25e$ whenever the instrument comes to rest within $0.5e$ of zero. If the instrument comes to rest outside that range but within the zero reset range, zero may be reset by pressing the zero button. The zero light illuminates whenever zero is correct to within $0.25e$.

1.2 Display Check

When power is applied to the instrument, the display will alternately show all 8's and blank several times, and then stay blank. Zero is then set by pressing the zero button.

1.3 Totalising Facility

A totalising facility may be fitted whereby successive weighings may be summed by the use of the ADD button, provided that the scale is returned to zero between weighings. A TOTAL CLEAR button resets the totaliser to zero. Instruments with this facility are known as model R208-A2.

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NOTIFICATION OF CHANGE

CERTIFICATE OF APPROVAL No 6/9C/89

CHANGE No 1

The following changes are made to the approval documentation for the
Yamato Model DP4000 Platform Weighing Instrument

1. In Technical Schedule No 6/9C/89 dated 19/2/85, Figures 1 and 2 are replaced by the attached Figures 1 to 3 dated 19/7/85.
2. In Certificate No 6/9C/89 dated 19/2/85, amend the Filing Advice to read (in part):

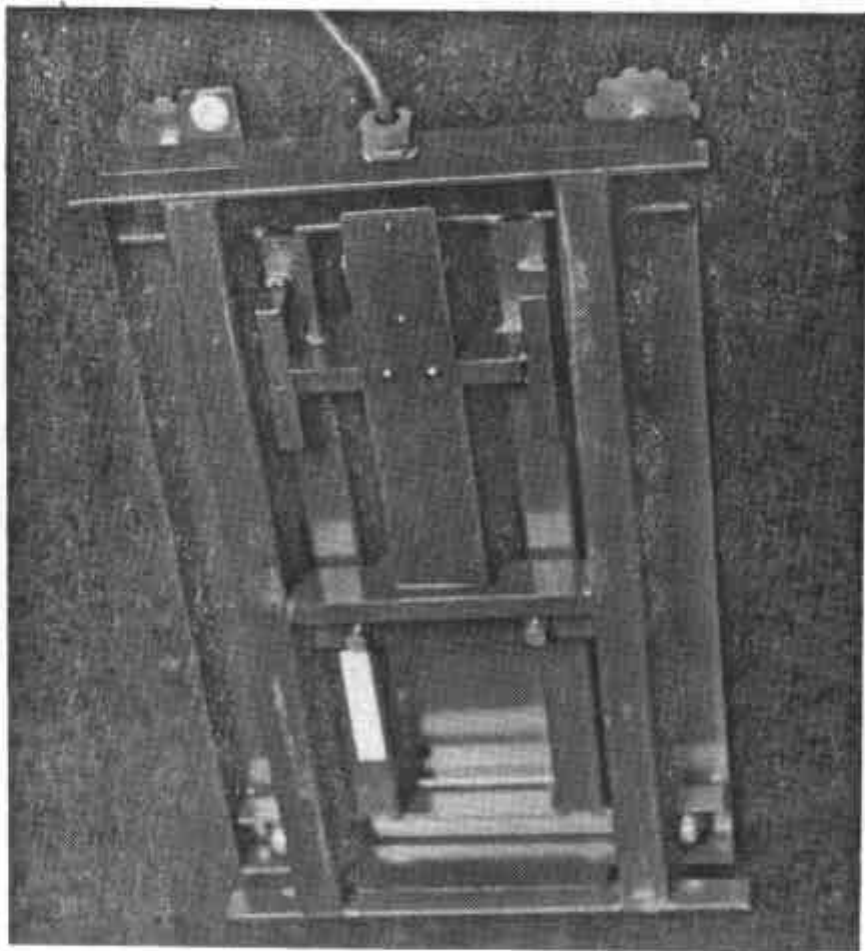
Figures 1 to 3 dated 19/7/85.

Signed

Executive Director

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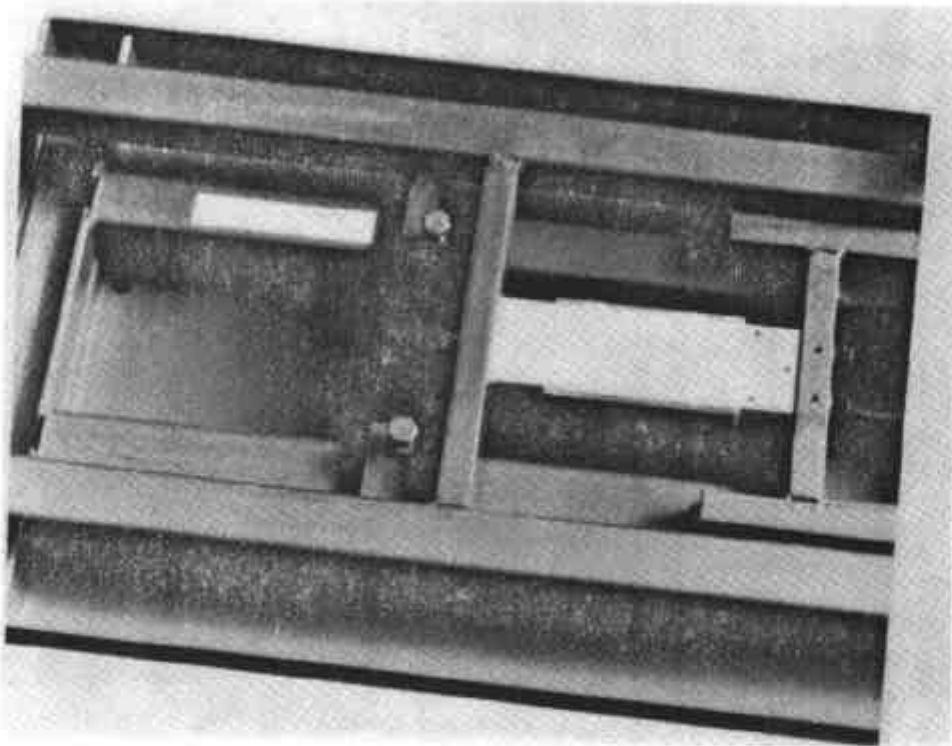
FIGURE 6/9C/89 - 1



Yamato DP4000 Basework

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FIGURE 6/9C/89 - 2



With Load Cell Cover Removed

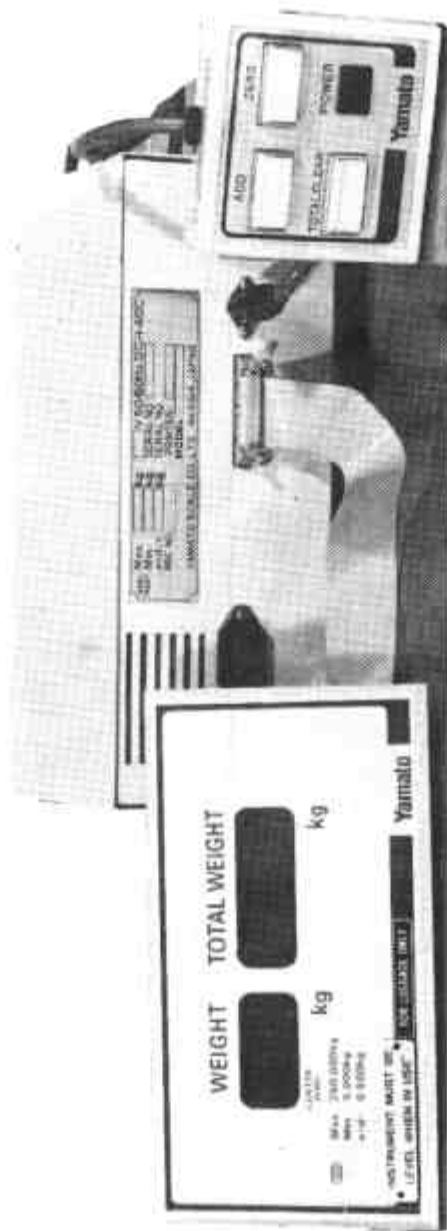
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FIGURE 6/9C/89 - 3



Model EDI-500W Indicator

FIGURE 6/9C/89 - 4



Typical R208-A2 Indicator