NATIONAL STANDARDS COMMISSION

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

CERTIFICATE OF APPROVAL No 6/4C/57

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

Yamato Model DP-5100 Weighing Instrument

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

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/3/93.
This approval expires in respect of new instruments on 1/3/94.

Instruments purporting to comply with this approval shall be marked NSC No 6/4C/57.

This approval may be withdrawn if instruments are constructed other than in accordance with the drawings and specifications lodged with the Commission.

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificates Nos S1/0 and/or S2/0, as appropriate.

Signed

Executive Director

Descriptive Advice

Pattern: approved 3/2/88

- Yamato model DP-5100 weighing instrument of 3.2 kg maximum capacity with a verification scale interval of 0.001 kg.

Technical Schedule No 6/4C/57 describes the pattern.

Filing Advice

The documentation for this approval comprises:

Certificate of Approval No 6/4C/57 dated 31/3/88
Technical Schedule No 6/4C/57 dated 31/3/88 (incl. Test Procedure)
Figures 1 and 2 dated 31/3/88

NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/4C/57

Pattern: Yamato Model DP-5100 Weighing Instrument.

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

1. Description of Pattern

A self-indicating weighing instrument (Figure 1) of 3.2 kg maximum capacity with a verification scale interval of 0.001 kg. The instrument may be fitted with an output socket for the connection of an auxiliary or a peripheral device. The indicator may also be remote from the basework (Figure 2).

1.1 Zero

Zero is automatically set to within ± 0.25e whenever the instrument comes to rest within ± 0.5e. If the instrument comes to rest outside that range but within the zero setting range, zero may be set by pressing the zero button. The zero light illuminates whenever zero is set within ± 0.25e.

1.2 Display Check

A display check is initiated whenever power is applied to the instrument.

1.3 Tare

A semi-automatic taring device and/or a non-automatic taring device may be fitted, each of up to 3.2 kg capacity.

The semi-automatic device permits setting of tare to within ± 0.25e and the non-automatic device permits setting to within ± 0.5e.

On instruments with more than one taring device, an attempt to enter tare by the use of one device, with a tare having already been acquired by use of the other, shall have no effect or shall override or cancel the tare already entered.

1.4 Totalising

The instrument may have a memory function allowing successive weighings to be totalised.

1.5 Set-point

The instrument may have a set-point facility with appropriate buttons and an associated UNDER/ACCEPT/OVER display.

1.6 Levelling

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

..../2

1.7 Markings

Instruments are marked with the following data, together in one location:

Manufacturer's name or mark	
Serial number	
NSC approval number	NSC No 6/4C/57
Accuracy class	(III)
Maximum capacity	Max ... kg *
Minimum capacity	Min ... kg *
Verification scale interval	e = d = ... kg *
Maximum subtractive tare	T = - ... kg

* Repeated in the vicinity of each reading face.

In addition the instrument is marked NOT FOR TRADING DIRECT WITH THE PUBLIC.

1.8 Verification Provision

Provision is made for a verification mark to be applied.

TEST PROCEDURE

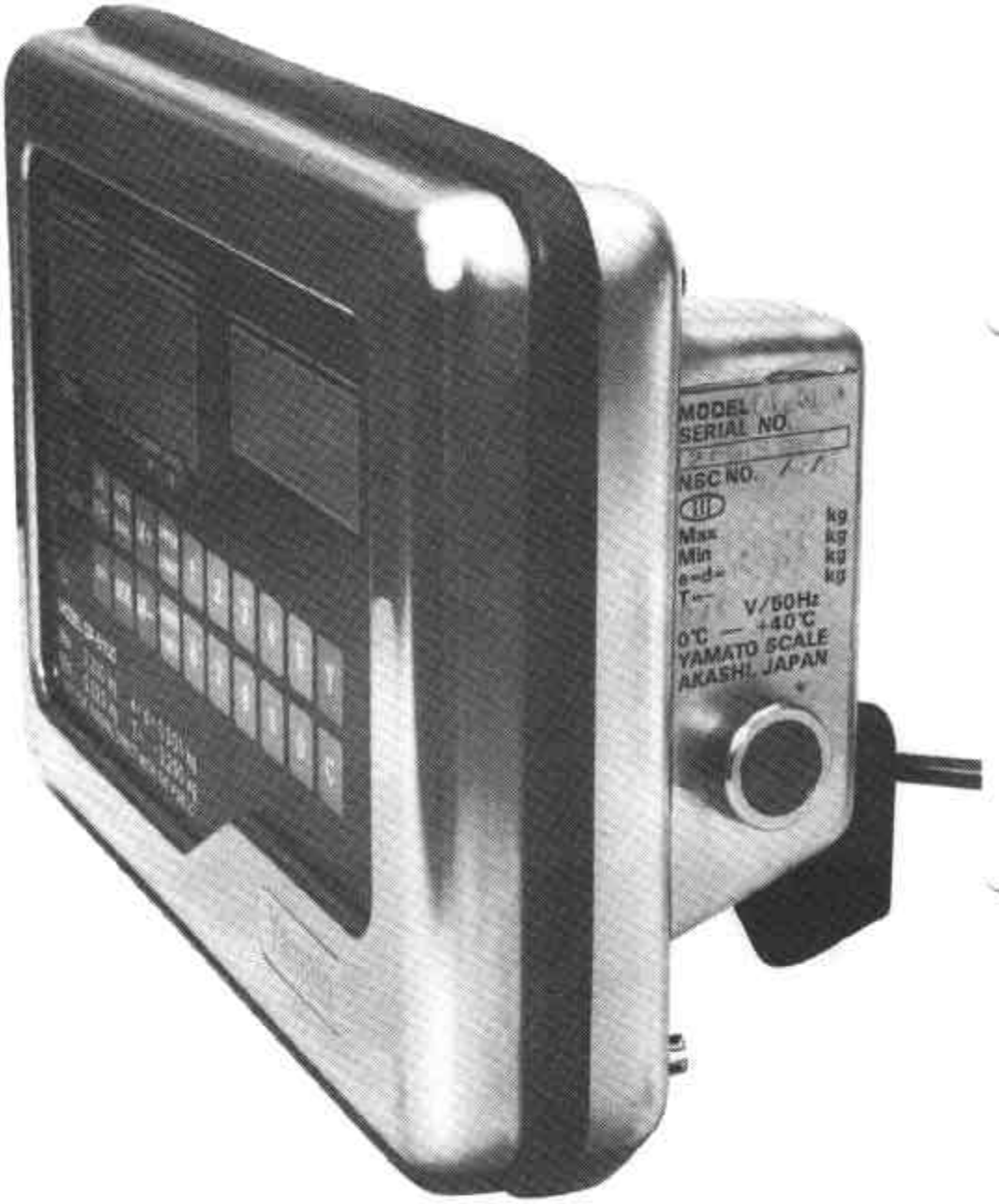
Instruments shall be tested in accordance with any relevant tests specified in the Inspector's Handbook.

The results shall not exceed the maximum permissible errors specified in Document 118, 2nd Edition, October 1986.

FIGURE 6/4C/57 - 1

Yamato Model DP-5100

FIGURE 6/4C/57 - 2



Remote Indicator