

6/9C/208
16/3/88



NATIONAL STANDARDS COMMISSION

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

CERTIFICATE OF APPROVAL No 6/9C/208

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

Yamato Model CWB-1-87 Platform Weighing Instrument

submitted by Parker Holland (Australia) Pty Ltd
16 Gertrude Street
Arncliffe NSW 2203.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/10/92.
This approval expires in respect of new instruments on 1/10/93.

Instruments purporting to comply with this approval shall be marked NSC No 6/9C/208.

This approval may be withdrawn if instruments are constructed other than as described in the drawings and specifications lodged with the Commission.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

The values of the performance criteria (maximum number of scale intervals etc.) applicable to the instrument shall be within the limits specified in this approval or in any approval documentation for the components, where they are approved separately.

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

Signed

Executive Director

Descriptive Advice

Pattern: approved 8/9/87

- Yamato model CWB-1-87 platform weighing instrument of up to 5000 kg capacity.

Technical Schedule No 6/9C/208 describes the pattern.

Filing Advice

The documentation for this approval comprises:

Certificate of Approval No 6/9C/208 dated 16/3/88
Technical Schedule No 6/9C/208 dated 16/3/88 including Test Procedure
Figure 1 dated 16/3/88



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/9C/208

Pattern: Yamato Model CWB-1-87 Platform Weighing Instrument.

Submitter: Parker Holland (Australia) Pty Ltd
16 Gertrude Street
Arncliffe NSW 2205.

1. Description of Pattern

A platform weighing instrument of up to 5000 kg capacity approved for use with up to 2500 verification scale intervals.

1.1 Basework

The basework has a tension load cell mounted at each corner of the simply-supported platform (Figure 1). The basework may be permanently fixed above ground, with or without loading ramps, or let into a pit in which case the platform is level with the ground.

1.2 Indicator

The Yamato model EDI-302 digital indicator is described in the documentation of NSC approval No S208 and may be marked as specified in that approval or alternatively as specified in 1.4.1 below, when fitted in this instrument.

1.3 Load Cells

Four Yamato model US3 load cells of 2 t capacity are used. These are described in the documentation of NSC approval No S165 and may be marked as specified in that approval or alternatively as specified in 1.4.2 below, when fitted in this instrument.

1.4 Markings

1.4.1

The instrument is marked with the following data, in a clearly visible location:

Manufacturer's name or mark	
Approval number	NSC No 6/9C/208
Serial number	
Accuracy class	(III)
Maximum capacity	Max kg *
Minimum capacity	Min kg *
Verification scale interval	e = d = kg *
Maximum subtractive tare	T = - kg
Load cell approval number)	
Headwork approval number) where	
Basework approval number) appropriate	

* Repeated adjacent to each reading face, if not already in that vicinity.

1.4.2

The following is the minimum data required to be marked on the load cells;

Manufacturer's name or mark
Model number
Serial number
Maximum capacity

Load cell serial numbers may alternatively be marked on a nameplate attached to the indicator or marked on metal tags attached to the indicator via a lead and wire seal.

1.5 Verification Provision

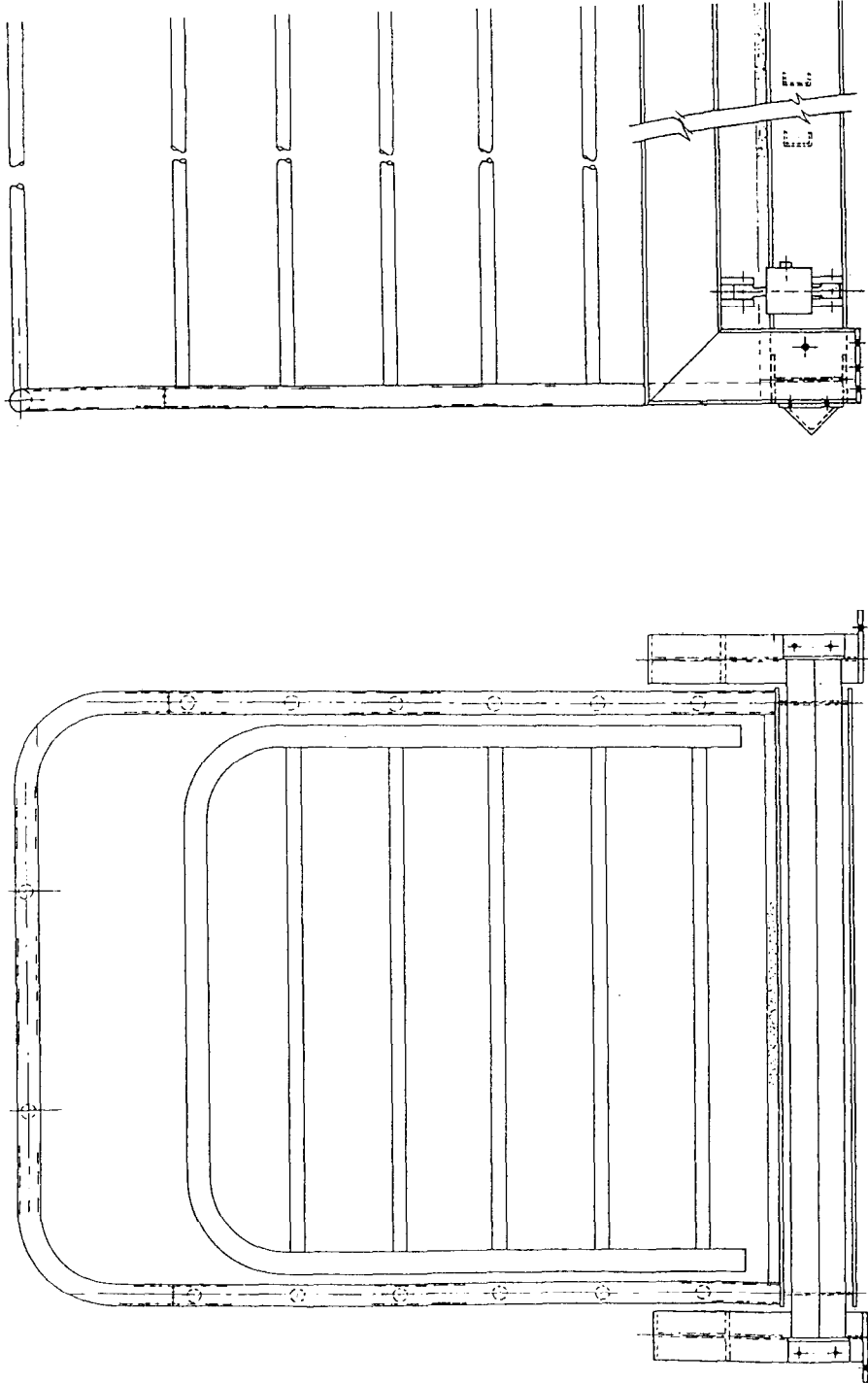
Provision is made for a verification mark to be applied.

TEST PROCEDURE

Instruments should be tested in conjunction with any tests specified in the approval documentation for the indicator used, and 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 6/9C/208 - 1



Schematic Diagram of Basework