



NATIONAL STANDARDS COMMISSION
WEIGHTS & MEASURES (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

SUPPLEMENTARY CERTIFICATE OF APPROVAL No S157

This is to certify that an approval has been granted by the Commission that the pattern and variant of the

Yamato Model CC2-20T-C3 Load Cell of 20 t Capacity

submitted by Yamato Scale (Australia) Pty Ltd
16 Gertrude Street
ARNCLIFFE NEW SOUTH WALES 2205

are suitable for use for trade, when used in a Commission-approved weighing instrument.

The approval is subject to review on or after 1/10/88.

Instruments incorporating a load cell purporting to comply with this approval shall be marked NSC No S157 in addition to the approval number of the instrument.

Conditions of Approval

1. The number of scale intervals applicable to the whole instrument shall be no greater than the number of verification scale intervals approved for the basework, or the load cell(s), 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.
3. Instruments shall only be used in accordance with the drawings and specifications lodged with the Commission.

Signed


Executive Director

Descriptive Advice

Pattern: approved 11/8/83

- Yamato model CC2-20T-C3 load cell of 20 t capacity

Variant: approved 11/8/83

1. Of 30 t capacity, known as model CC2-30T-C3

Technical Schedule No S157 dated 19/9/83 describes the pattern and variant 1.

Filing Advice

The documentation for this approval comprises:

Certificate of Approval No S157 dated 19/9/83
Technical Schedule No S157 dated 19/9/83
Figures 1 and 2 dated 19/9/83.

19/9/83



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No S157

Pattern: Yamato Model CC2-20T-C3 Load Cell of 20 t Capacity

Submitter: Yamato Scale (Australia) Pty Ltd
16 Gertrude Street
ARNCLIFFE NEW SOUTH WALES 2205

1. Description of Pattern

The pattern is a Yamato model CC2-20T-C3 load cell of 20 t capacity (see Figure 1 and Table 1) assembled in a Commission-approved basework.

1.1 Method of Mounting

Mounting is to be as shown in Figure 2.

1.2 Marking

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

Manufacturer's name or mark	
Model number	
Serial number	
NSC approval number	NSC S157
Maximum rated capacity	

2. Description of Variant 1

Yamato model CC2-30T-C3 load cell of 30 t capacity (see Figure 1 and Table 1).

TABLE 1

Type: Yamato	CC2-20T-C3	CC2-30T-C3
Maximum capacity	20 t	30 t
Maximum number of verification scale intervals	3000	3000
Minimum dead load	1.0 t	1.0 t
Minimum value of verification scale interval	2.5 kg	5 kg
Output rating (nominal)	1.5 mV/V	1.5 mV/V

Cable length - Load cells may be supplied with various length cables to suit the application.

Yamato Model CC2 Load Cells - Approved Specifications



NATIONAL STANDARDS COMMISSION

NOTIFICATION OF CHANGE

SUPPLEMENTARY CERTIFICATE OF APPROVAL No S157

CHANGE No 1

The following change is made to the approval documentation of the

Yamato Model CC2-20T-C3 Load Cell

submitted by Yamato Scale (Australia) Pty Ltd

on behalf of Yamato Scale Co Ltd

5-22 Chaemba-cho

Akashi 673 Japan.

In Table 1 of Technical Schedule No S157 dated 19/9/83 the line;

Maximum number of verification scale intervals

shall be marked with an asterisk (*), and the following footnote shall be added;

- * Both 20 t and 30 t cells may have a maximum of 4000 verification scale intervals, if used in a multi-cell configuration.

Signed

Executive Director



S157
29/8/86

NATIONAL STANDARDS COMMISSION

NOTIFICATION OF CHANGE

SUPPLEMENTARY CERTIFICATE OF APPROVAL No S157

CHANGE No 2

The following change is made to the approval documentation for the

Yamato Model CC2-20T-C3 Load Cell

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

In Technical Schedule No S157 dated 19/9/83, Table 1 is replaced by the Table included herein.

Signed

Executive Director



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No S157

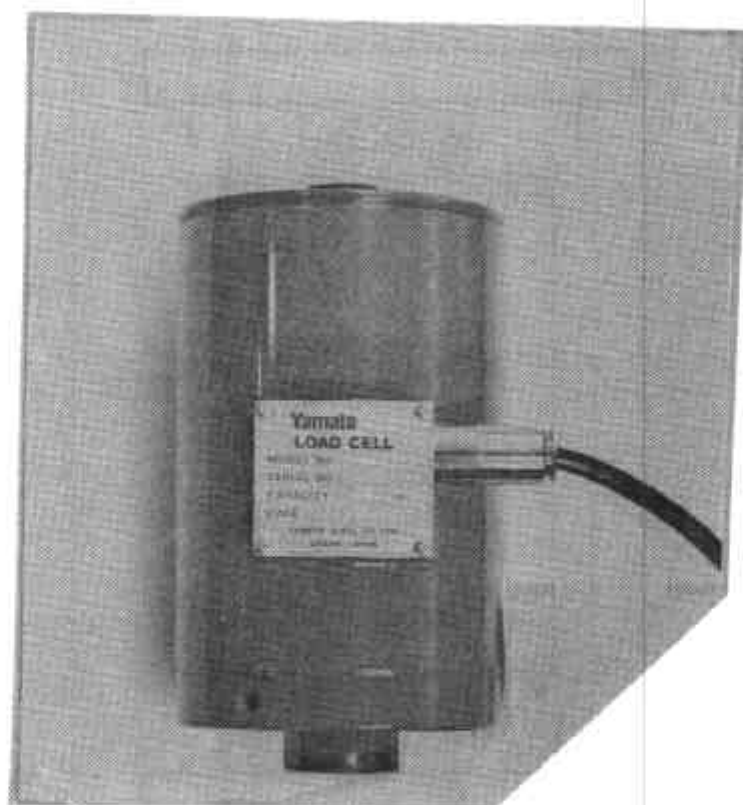
TABLE 1

Note: This Table replaces Table 1 included in Technical Schedule No S157 dated 19/9/83.

	CC2-20T-C3	CC2-30T-C3
Type: Yamato	20 t	30 t
Maximum capacity		
Maximum number of verification scale intervals	(a) 4000 (b) 4000 (c) 4000 (d) 3000	(a) 4000 (b) 3500 (c) 4000 (d) 3000
Minimum value of verification scale interval	(a) 1.5 kg (b) 2.0 kg (c) 2.5 kg (d) 5.0 kg	(a) 2.5 kg (b) 5.0 kg (c) 6.6 kg (d) 10.0 kg
Output rating (nominal)	1.5 mV/V	1.5 mV/V
Input impedance (nominal)	350 ohms	350 ohms
Supply voltage (AC or DC)	10-15 V	10-15 V
Number of leads	6	6
Cable length	Load cells may be supplied with various length cables to suit the application	

- (a) Instruments with automatic zero track - multi cell applications
- (b) Instruments with automatic zero track - single cell applications
- (c) Instruments without automatic zero track - multi cell applications
- (d) Instruments without automatic zero track - single cell applications

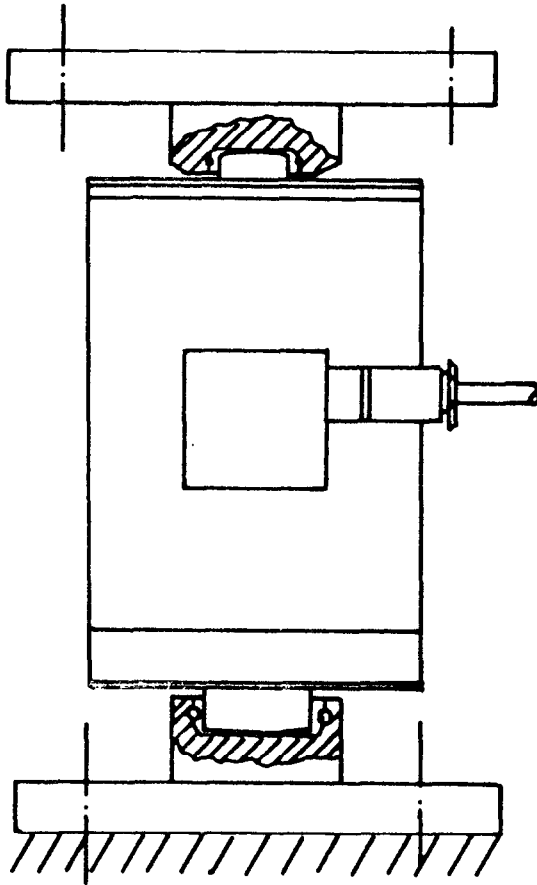
FIGURE S157 - 1



Model CC2 Load Cell

19/9/83

FIGURE S157 - 2



Load Cell Mounting

19/9/83