NATIONAL STANDARDS COMMISSION

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

SUPPLEMENTARY CERTIFICATE OF APPROVAL No S205

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

Yamato Model UH62-250-C3 Load Cell

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 1/3/91.
This approval expires in respect of new instruments on 1/3/92.

Load cells purporting to comply with this approval shall be marked NSC No S205.

Instruments incorporating a load cell purporting to comply with this approval shall be marked NSC No S205 in addition to the approval number of the instrument.

This approval may be withdrawn if load cells are constructed other than in accordance with the drawings and specifications lodged with the Commission.

The number of scale intervals applicable to any weighing instrument in which these load cells are used 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.

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

Signed

Executive Director

Descriptive Advice

Pattern: approved 27/2/86

- Yamato model UH62-250-C3 load cell of 250 kg capacity.

Technical Schedule No S205 describes the pattern.

Variant: approved 12/5/87

1. Model UH61-100-C3 load cell of 100 kg capacity.

Technical Schedule No S205 Variation No 1 describes variant 1.

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Filing Advice

Supplementary Certificate of Approval No S205 dated 2/6/86 is superseded by this Certificate and may be destroyed.

The documentation for this approval now comprises:

Supplementary Certificate of Approval No S205 dated 24/8/87
Technical Schedule No S205 dated 2/6/86 (including Table 1)
Technical Schedule No S205 Variation No 1 dated 24/8/87 (including Table 2)
Figures 1 and 2 dated 2/6/86

NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No S205

Pattern: Yamato Model UH62-250-C3 Load Cell

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

1. Description of Pattern

The pattern is a Yamato model UH62-250-C3 load cell of 250 kg capacity (Figure 1 and Table 1) assembled in a Commission-approved basework.

1.1 Method of Mounting

Mounting is to be in accordance with the method shown in Figure 2.

1.2 Marking

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

Manufacturer's name or mark
Model number
Serial number
Maximum rated capacity
Approval number NSC No S205

TABLE 1

Type: Yamato		UH62-250-C3
Maximum capacity		250 kg
Maximum number of verification scale intervals	(a) & (b)	4000
Minimum value of verification scale interval	(a)	0.02 kg
	(b)	0.05 kg
Input impedance (nominal)		406 ohms
Output rating (nominal)		2.0 mV/V
Supply voltage (AC or DC)		10 to 15 V
Cable length (± 0.1 m)		3 m
Number of leads * plus shield		6*

(a) Instruments with automatic zero track - single and multi cell applications.

(b) Instruments without automatic zero track - single and multi cell applications.

NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No S205

VARIATION No 1

Pattern: Yamato Model UH62-250-C3 Load Cell

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

1. Description of Variant

A Yamato model UH61-100-C3 load cell of 100 kg capacity (refer to Table 2).

TABLE 2

Type: Yamato		UH61-100-C3
Maximum capacity		100 kg
Maximum number of verification scale intervals	(a) & (b)	4000
Minimum value of verification scale intervals	(a)	0.008 kg
	(b)	0.010 kg
Input impedance (nominal)		406 ohms
Output rating (nominal)		2.0 mV/V
Supply voltage (AC or DC)		10 to 15 V
Cable length (± 0.1 m)		3 m
Number of leads * plus shield		6 *

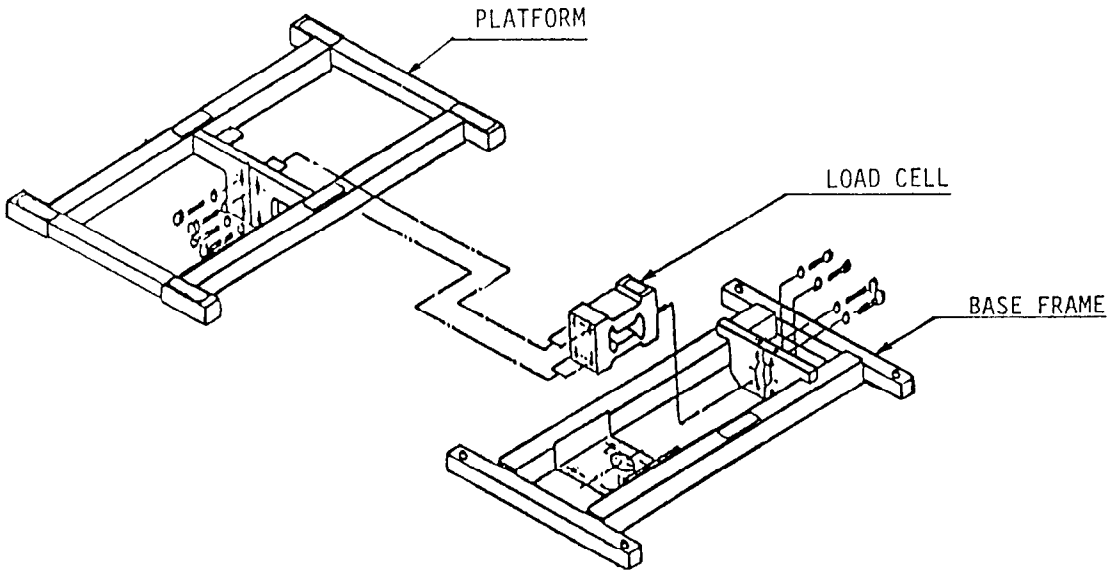
(a) Instruments with or without automatic zero track - multi cell applications

(b) Instruments with or without automatic zero track - single cell applications

FIGURE S205 - 1

Yamato UH62 Load Cell

FIGURE S205 - 2



Mounting Method