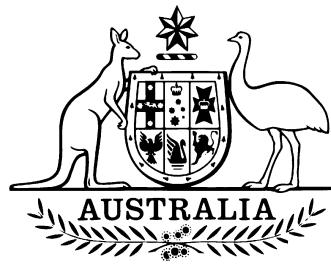


S203A
13 August 2001



National Standards Commission

12 Lyonpark Road, North Ryde NSW

Cancellation

Supplementary Certificate of Approval

No S203A

Issued under Regulation 60
of the
National Measurement Regulations 1999

This is to certify that the approval for use for trade granted in respect of the

GEC Avery Model 8713 Load Cell

submitted by Avery Berkel International
now of Foundry lane
Smethwick
West Midlands B66 2LP
UK

has been cancelled in respect of new instruments as from 1 September 2001.

Instruments which were verified/certified before that date may, with the concurrence of the relevant verifying authority, be submitted for reverification.

Signed by a person authorised under Regulation 60 of the National Measurement Regulations 1999 to exercise the powers and functions of the Commission under this Regulation.

National Standards Commission



Supplementary Certificate of Approval

No S203A

Issued under Regulation 9
of the
National Measurement (Patterns of Measuring Instruments) Regulations

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

GEC Avery Model 8713 Load Cell

submitted by GEC Avery Australia Limited
12 Rachael Close
Silverwater NSW 2141.

NOTE: This Certificate relates to the suitability of the pattern of the instrument for use for trade only in respect of its metrological characteristics. This Certificate does not constitute or imply any guarantee of compliance by the manufacturer or any other person with any requirements regarding safety.

This Certificate is issued upon completion of a review of NSC approval No S203.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1 July 1999.
This approval expires in respect of new instruments on 1 July 2000.

Instruments purporting to comply with this approval shall be marked NSC No S203A and only by persons authorised by the submitter.

Instruments incorporating a component purporting to comply with this approval shall be marked NSC No S203A in addition to the approval number of the instrument.

It is the submittor's responsibility to ensure that all instruments marked with this approval number are constructed as described in the documentation lodged with the Commission and with the relevant Certificate of Approval and Technical Schedule. Failure to comply with this Condition may attract penalties under Section 19B of the National Measurement Act and may result in cancellation or withdrawal of the approval, in accordance with the Commission's Document 106.

The values of the performance criteria (maximum number of scale intervals etc.) applicable to an instrument incorporating the pattern approved herein shall be within the limits specified herein and in any approval documentation for the other components.

The Commission reserves the right to examine any instrument or component of an instrument purporting to comply with this approval.

DESCRIPTIVE ADVICE

Pattern: approved 17 June 1994

- . A GEC Avery model 8713 load cell of 500 kg capacity.

Variant: approved 17 June 1994

1. A model 8713 load cell of 250 kg capacity.

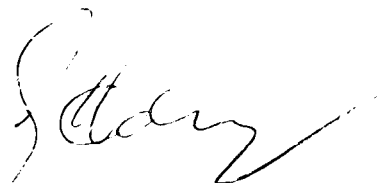
Technical Schedule No S203A describes the pattern and variant 1.

FILING ADVICE

The documentation for this approval comprises:

Supplementary Certificate of Approval No S203A dated 27 October 1994
Technical Schedule No S203A dated 27 October 1994 (incl. Table 1)
Figures 1 to 3 dated 27 October 1994

Signed and sealed by a person authorised under Regulation 9 of the National Measurement (Patterns of Measuring Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.





National Standards Commission

TECHNICAL SCHEDULE No S203A

Pattern: GEC Avery Model 8713 Load Cell.

Submittor: GEC Avery Australia Limited
12 Rachael Close
Silverwater NSW 2141.

1. Description of Pattern

A GEC Avery model 8713 load cell of 500 kg capacity (refer Figure 1 and Table 1) approved for use with a maximum of 3000 verification scale intervals.

1.1 Method of Mounting

Mounting is to be in accordance with the manufacturer's instructions and as shown in Figures 2 and 3.

The load cell must be mounted on a flat machined surface.

NOTE: Figure 3 includes a mounting method that could be used for overhead weighing instruments, however this shall only be used in such instruments which have been Commission-approved for use with these load cells.

1.2 Markings

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

Manufacturer's name or mark	
Model number	
Serial number	
NSC approval number	NSC No S203A
Maximum rated capacity	

2. Description of variant 1

A model 8713 load cell of 250 kg capacity approved for use with a maximum of 3000 verification scale intervals (Table 1).

TABLE 1

Type: GEC Avery 8713

Maximum capacity	500 kg	250 kg
Maximum number of verification scale intervals	3000	3000
Minimum value of verification scale interval	0.1 kg	0.05 kg
Minimum dead load output return for multi-range instruments (DR)	0.052 kg	0.087 kg
Output rating (nominal)	1.7 mV/V	1.7 mV/V
Input impedance (nominal)	410 ohms	410 ohms
Supply voltage (AC or DC)	10 to 15 V	10 to 15 V
Cable length (± 0.1 m)	1.4 m	1.4 m
Number of leads (plus shield)	4	4



National Standards Commission
Notification of Change
Supplementary Certificate of Approval No S203A
Change No 1

The following changes are made to the approval documentation for the

GEC Avery Model 8713 Load Cell

submitted by GEC Avery Australia Ltd
12 Rachael Close
Silverwater NSW 2141.

- (a) In Certificate of Approval No S203A and its Technical Schedule, both dated 27 October 1994, all references to the submitter should be amended to read;

Avery Berkel International
12-38 Talavera Road
North Ryde NSW 2113.

- (b) In Certificate of Approval No S203A dated 27 October 1994, the Condition of Approval referring to the expiry of the approval should now be deleted.

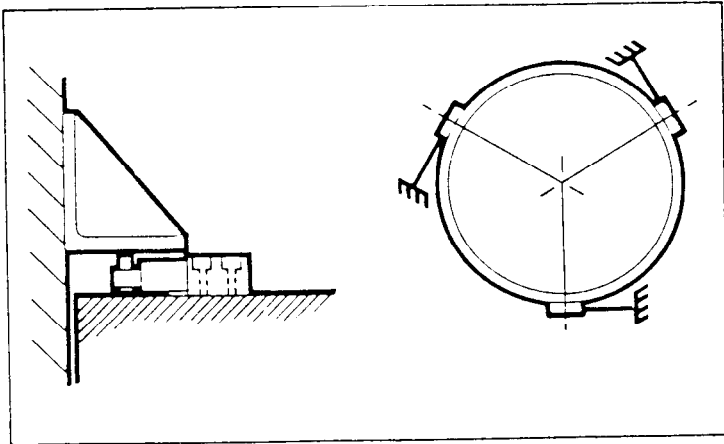
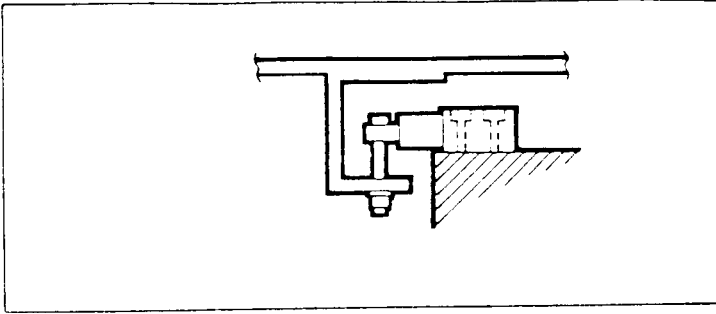
Signed and sealed by a person authorised under Regulation 9 of the National Measurement (Patterns of Measuring Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.

FIGURE S203A - 1



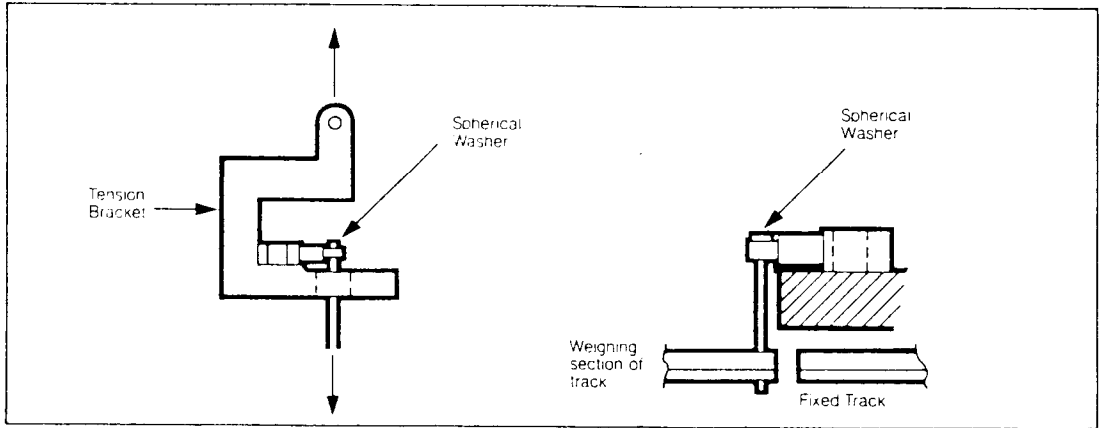
GEC Avery Model 8713 Load Cell

FIGURE S203A - 2

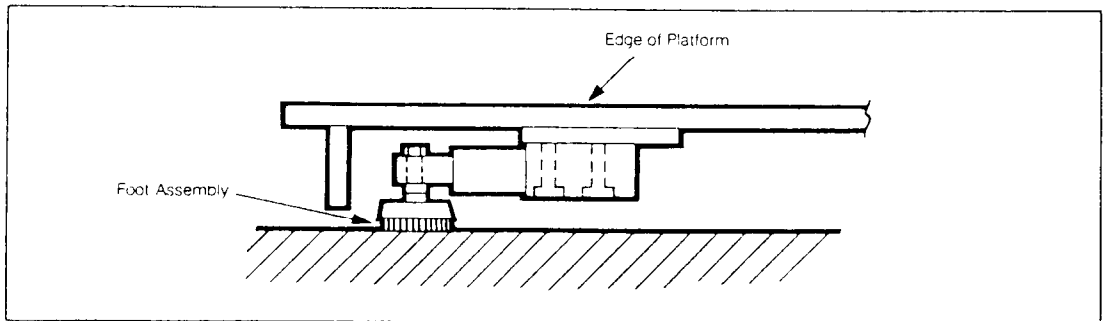


Typical Mounting Methods

FIGURE S203A - 3



Overhead Track Scale



Low Profile Platform Scale

Alternative Mounting Methods