

S287
24 June 2003



National Standards Commission

12 Lyonpark Road, North Ryde NSW

Cancellation

Supplementary Certificate of Approval No S287

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

AND Model LC5217 Load Cell

submitted by A & D Mercury Pty Ltd
32 Dew Street
Thebarton SA 5031

has been cancelled in respect of new instruments as from 1 July 2003.

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.

A handwritten signature in black ink, appearing to be 'J. H. C.', written on a light-colored rectangular background.

National Standards Commission



Supplementary Certificate of Approval

No S287

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


AND Model LC5217 Load Cell

submitted by A & D Mercury Pty Ltd
32 Dew Street
Thebarton SA 5031.

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.



CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/9/97. 
This approval expires in respect of new instruments on ~~1/9/98~~.

Instruments purporting to comply with this approval shall be marked NSC No S287 and only by persons authorised by the submittor.

Instruments incorporating a component purporting to comply with this approval shall be marked NSC No S287 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 3/8/92

- An AND model LC5217 load cell of 25 000 kg capacity.

Technical Schedule No S287 describes the pattern.

FILING ADVICE

The documentation for this approval comprises:

- Supplementary Certificate of Approval No S287 dated 21/9/92
- Technical Schedule No S287 dated 21/9/92 (incl. Table 1)
- Figures 1 and 2 dated 21/9/92



National Standards Commission

TECHNICAL SCHEDULE No S287

Pattern: An AND Model LC5217 Load Cell

Submittor: A & D Mercury Pty Ltd
32 Dew Street
Thebarton SA 5031.

1. Description of Pattern

An AND model LC5217 load cell of 25 000 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 Figure 2.

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 S287
Maximum rated capacity	

TABLE 1

Type: AND	LC5217
Maximum capacity	25 000 kg
Maximum number of verification scale intervals	3000
Minimum value of verification scale interval	2.44 kg
Minimum dead load output return for multi-range instruments	4.37 kg
Output rating (nominal)	2.0 mV/V
Input impedance (nominal)	812 ohms
Supply voltage (AC or DC)	10-15 V
Cable length (± 0.1 m)	16 or 20 m
Number of leads (plus shield)	4



National Standards Commission
Notification of Change
Supplementary Certificate of Approval No S287
Change No 1

The following change is made to the approval documentation for the

AND Model LC5217 Load Cell

submitted by A & D Mercury Pty Ltd
32 Dew Street
Thebarton SA 5031.

In Supplementary Certificate of Approval No S287 dated 21 September 1992, 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.

A handwritten signature in black ink, appearing to read 'J. Burch', is written over a faint circular stamp or seal.



National Standards Commission
Notification of Change
Supplementary Certificate of Approval No S287
Change No 2

The following change is made to the approval documentation for the

AND Model LC5217 Load Cell

submitted by A & D Mercury Pty Ltd
32 Dew Street
Thebarton SA 5031.

In Supplementary Certificate of Approval No S287 dated 21 September 1992, the Condition of Approval referring to the review of the approval should be amended to read:

“This approval becomes subject to review on or after 1 September 2002.”

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 S287 - 1



AND Model LC5217 Load Cell

FIGURE S287 - 2

