



Australian Government

National Measurement
Institute

Bradfield Road, West Lindfield NSW 2070

Notification of Change

Supplementary Certificate of Approval No S337A

Change No 1

Issued by the Chief Metrologist under Regulation 60
of the
National Measurement Regulations 1999

The following changes are made to the approval documentation for the
Telematic Model LC30 Load Cell/Weighing System Protection Device

submitted by MTL Instruments Pty Ltd
 now of Unit 9, 12 Billabong Street
 Stafford QLD 4053.

- A. In Supplementary Certificate of Approval No S337A dated 22 March 2005;
1. The Condition of Approval referring to the review of the approval should be amended to read:
- “This approval becomes subject to review on 1 April **2015**, and then every 5 years thereafter.”
2. The FILING ADVICE should be amended by adding the following:
- “Notification of Change No 1 dated 16 May 2011”
- B. In Supplementary Certificate of Approval No S337A and its Technical Schedule both dated 22 March 2005, all references to the address of the submitter should be amended to read:
- “Unit 9, 12 Billabong Street
Stafford QLD 4053”

Signed by a person authorised by the Chief Metrologist
to exercise his powers under Regulation 60 of the
National Measurement Regulations 1999.

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke at the end.



Australian Government
**National Measurement
Institute**

12 Lyonpark Road, North Ryde NSW 2113

Supplementary Certificate of Approval
No S337A

Issued by the Chief Metrologist under Regulation 60
of the
National Measurement Regulations 1999

This is to certify that an approval for use for trade has been granted in respect of the
Telematic Model LC30 Load Cell/Weighing System Protection Device

submitted by MTL Instruments Pty Ltd
9 Vinnicombe Drive
Canning Vale WA 6155.

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.

CONDITIONS OF APPROVAL

This approval becomes subject to review on 1 April 2010, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked with approval number 'NMI S337A' and only by persons authorised by the submitter.

Instruments incorporating a component purporting to comply with this approval shall be marked 'NMI S337A' in addition to the approval number of the instrument.

It is the submitter's responsibility to ensure that all instruments marked with this approval number are constructed as described in the documentation lodged with the National Measurement Institute (NMI) 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 document NMI P 106.

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

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificate No S1/0/A.

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

Special Condition of Approval:

The approval of these devices does not in any way indicate approval by the National Measurement Institute of any claims regarding the ability of these devices to protect load cells (or indicators) from damage. The approval means that the devices, when installed according to the manufacturer's specifications and within the limits of this approval, have not been found to detrimentally affect the performance of the weighing instrument.

DESCRIPTIVE ADVICE

Pattern: approved 21 March 2005

- A Telematic model LC30 load cell/weighing system protection device.

Technical Schedule No S337A describes the pattern.

FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No S337A dated 22 March 2005

Technical Schedule No S337A dated 22 March 2005 (incl. Test Procedure)

Figures 1 to 3 dated 22 March 2005

Signed by a person authorised by the Chief Metrologist
to exercise his powers under Regulation 60 of the
National Measurement Regulations 1999.

A handwritten signature in black ink, appearing to be 'J. G. T.', is located in the bottom right corner of the page.

TECHNICAL SCHEDULE No S337A

Pattern: Telematic Model LC30 Load Cell/Weighing System Protection Device

Submittor: MTL Instruments Pty Ltd
9 Vinnicombe Drive
Canning Vale WA 6155



1. Description of Pattern

A Telematic model LC30 load cell/weighing system protection device (Figure 1), one or two of which may be inserted in the cabling of load cells which are approved for use with up to 5000 verification scale intervals and with a maximum excitation voltage of 22 V AC or 32 V DC.

NOTE: The devices are intended to protect load cells from damage caused by lightning, however this approval does not in any way imply that such protection will result from the use of these devices.

1.1 Method of Mounting

Installation is to be in accordance with the manufacturer's instructions and may include a surge reduction filter in the mains supply to the digital indicator.

Figures 2 and 3 show a typical installation.

NOTE: Where the load cell is wired in a 4 wire system and it is necessary for the cable supplied with the cell to be cut in order to insert the load cell protection device(s), the cable cut-off should not be discarded but should be used to continue the load cell wiring.

1.2 Markings

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

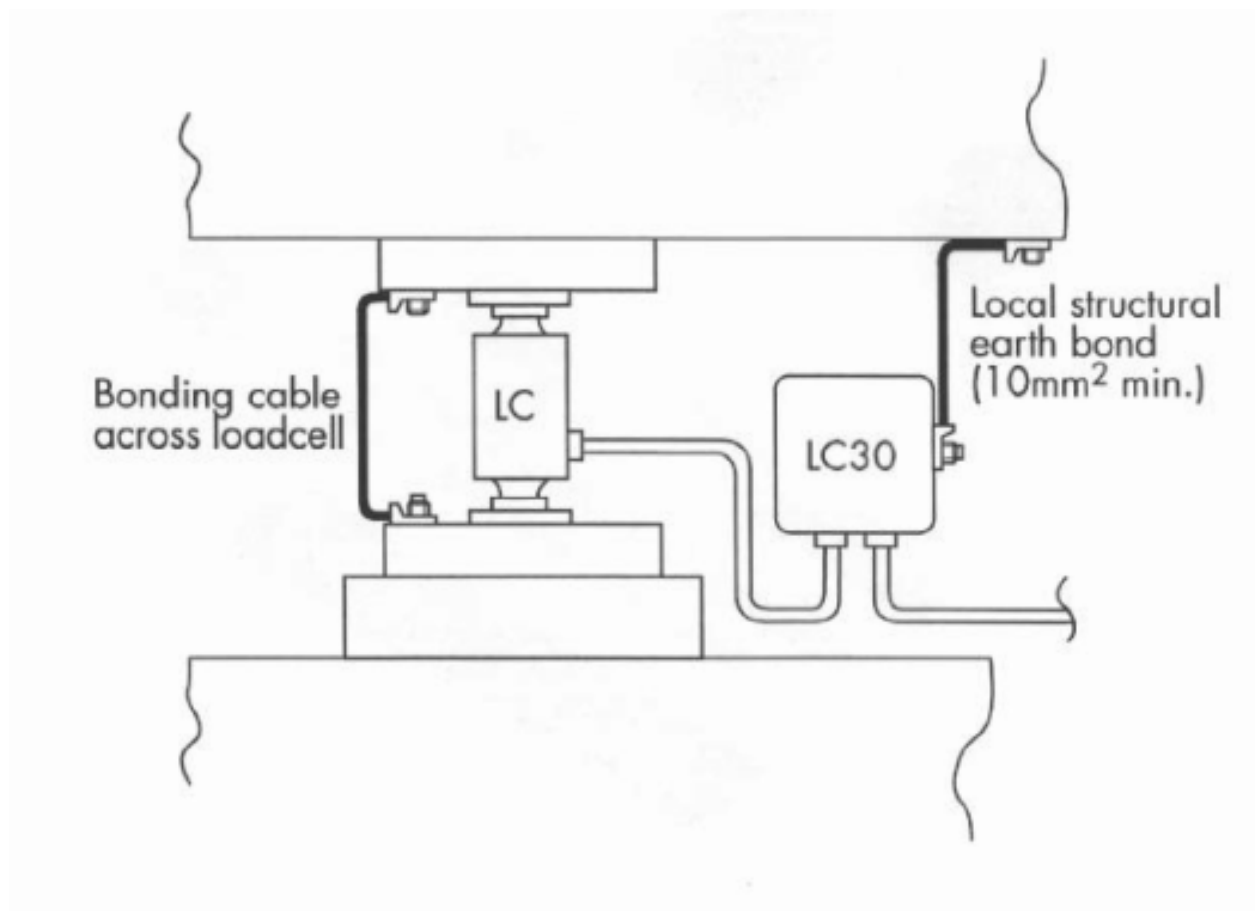
Manufacturer's mark, or name written in full
Model number
Serial number
Pattern approval mark for the instrument	NMI S337A

FIGURE S337A – 1



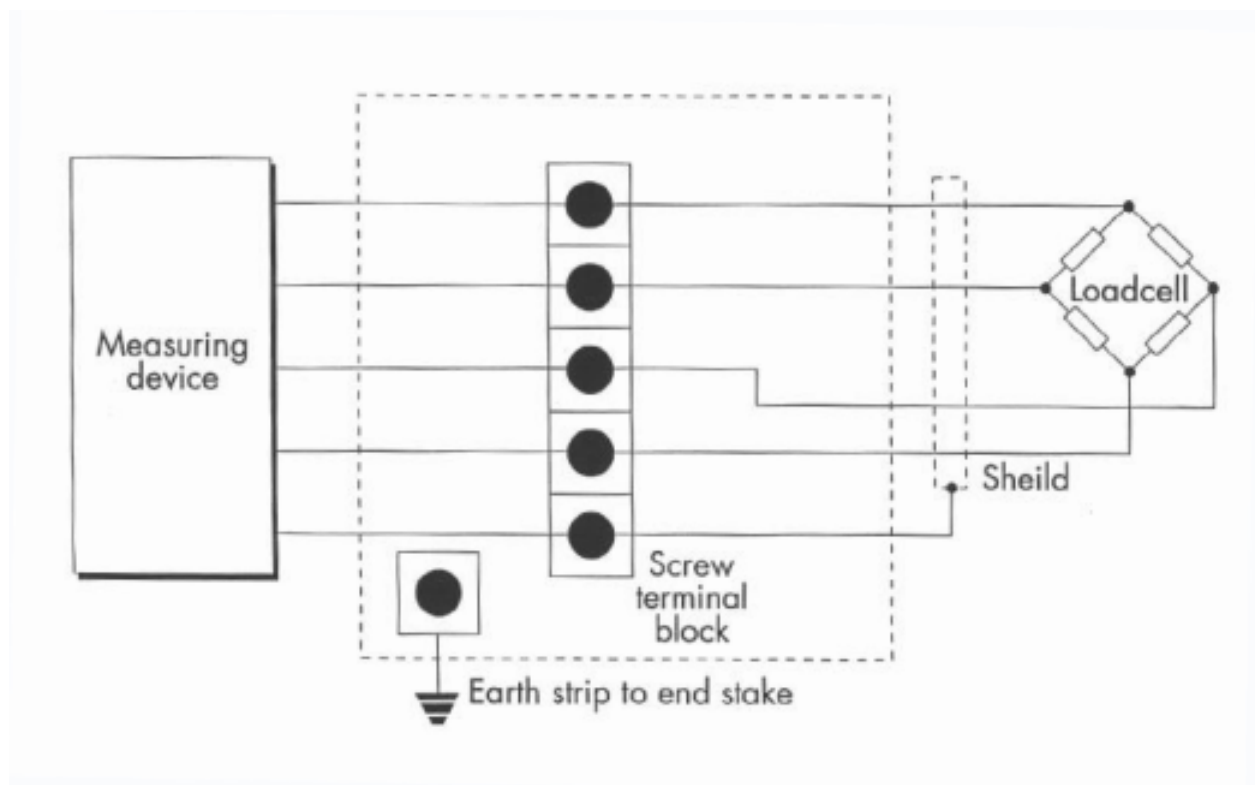
Telematic Model LC30 Load Cell/Weighing System Protection Device

FIGURE S337A – 2



Typical Installation

FIGURE S337A – 3



Typical Wiring Arrangement