



Australian Government
National Measurement
Institute

Bradfield Road, West Lindfield NSW 2070

Cancellation
Certificate of Approval
No 6/4C/201

Issued by the Chief Metrologist 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

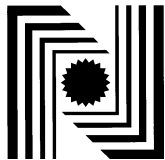
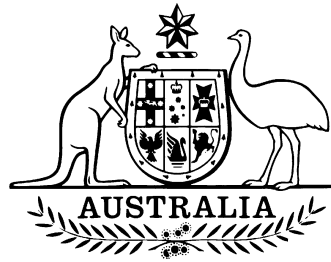
Magellan SL Model 384 Weighing Instrument

submitted by Datalogic Scanning Pty Ltd
Unit 11, 277 Lane Cove Road
North Ryde NSW 2113

has been cancelled in respect of new instruments as from 1 January 2013.

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 stylized cursive letters, positioned above a horizontal line.



National Standards Commission

12 Lyonpark Road, North Ryde NSW

Certificate of Approval

No 6/4C/201

Issued 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

Magellan SL Model 384 Weighing Instrument

submitted by PSC Asia Pacific Pty Ltd
now of
Unit 11, 277 Lane Cove Road
North Ryde NSW 2113.

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 March 2003, and then every 5 years thereafter. Instruments purporting to comply with this approval shall be marked NSC No 6/4C/201 and only by persons authorised by the submitter.

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 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 NSC P 106.

The Commission 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.

DESCRIPTIVE ADVICE

Pattern: approved 9 February 1998

- A Magellan SL model 384 self-indicating weighing instrument of 15 kg capacity.

Variant: approved 9 February 1998

1. A Magellan SL model 382 which has a smaller load receptor.

Technical Schedule No 6/4C/201 describes the pattern and variant 1.

Variants: approved 4 July 2002

2. Model 8204.

3. Model 8202.

Technical Schedule No 6/4C/201 Variation No 1 describes variants 2 and 3.

Variant: approved 22 October 2002

4. Models 8102 and 8104.

Technical Schedule No 6/4C/201 Variation No 2 describes variant 4.

FILING ADVICE

Certificate of Approval No 6/4C/201 dated 13 September 2002 is superseded by this Certificate, and may be destroyed. The documentation for this approval now comprises:

Certificate of Approval No 6/4C/201 dated 11 November 2002

Technical Schedule No 6/4C/201 dated 27 June 1998 (incl. Test Procedure)

Technical Schedule No 6/4C/201 Variation No 1 dated 13 September 2002
(incl. Notification of Change)

Technical Schedule No 6/4C/201 Variation No 2 dated 11 November 2002

Figures 1 and 2 dated 27 June 1998



TECHNICAL SCHEDULE No 6/4C/201

Pattern: Magellan SL Model 384 Weighing Instrument.

Submittor: PSC Asia Pacific Pty Ltd
Suite G1, 6-10 Talavera Road
North Ryde NSW 2113.

1. Description of Pattern

A Magellan SL model 384 self-indicating weighing instrument (Figure 1) of 15 kg maximum capacity with a verification scale interval of 0.005 kg, and which has a load receptor having nominal dimensions of 305 mm x 283 mm.

Instruments are fitted with a model 960RD indicator (Figure 2) with a single-sided display. Instruments are marked 'NOT FOR TRADING DIRECT WITH THE PUBLIC' (or similar wording) unless the display is located such that all primary indications are clearly and simultaneously displayed to both the vendor and the customer.

Instruments may be fitted with output sockets for the connection of peripheral and/or auxiliary devices.

Instruments are approved for use over a temperature range of +10°C to +40°C.

1.1 Zero

Zero is automatically corrected to within $\pm 0.25 e$ whenever power is applied and whenever the instrument comes to rest within $0.5e$ of zero. If the instrument comes to rest outside that range but within the zero setting range, zero may be set by pressing the zero button.

The initial zero-setting device has a nominal range of not more than 20% of the maximum capacity of the instrument.

1.2 Display Check

A display check is initiated whenever power is applied.

1.3 Scanner

Instruments are provided with an integral laser scanner for reading bar codes.

1.4 Verification/Certification Provision

Provision is made for the application of a verification/certification mark.

1.5 Sealing Provision

Provision is made for the calibration adjustment switch located under the load receptor to be sealed.

1.6 Markings

Instruments have the following markings, in the form shown at right:

Manufacturer's mark, or name written in full	
Indication of accuracy class	Ⓜ
Maximum capacity	Max kg *
Minimum capacity	Min kg *
Verification scale interval	e = kg *
Serial number of the instrument
Pattern approval mark for the instrument	NSC No 6/4C/201
Special temperature limits	+10°C to +40°C

* These markings are also shown near the display of the result if they are not already located there.

2. Description of Variant 1

A model 382 weighing instrument which has a load receptor having nominal dimensions of 256 mm x 283 mm.

TEST PROCEDURE

Instruments should be tested in conjunction with any tests specified in the approval documentation for the indicator used, and in accordance with any relevant tests specified in the Inspector's Handbook.

Maximum Permissible Errors at Verification/Certification

The maximum permissible errors for increasing and decreasing loads on initial verification/certification for loads, m , expressed in verification scale intervals, e , are:

- $\pm 0.5 e$ for loads $0 \leq m \leq 500$;
- $\pm 1.0 e$ for loads $500 < m \leq 2\,000$; and
- $\pm 1.5 e$ for loads $2\,000 < m \leq 10\,000$.

Special Temperature Limits

Ensure that instruments are only being used within the special temperature limits stated in the Technical Schedule.

TECHNICAL SCHEDULE No 6/4C/201

VARIATION No 1

Pattern: Magellan SL Model 384 Weighing Instrument

Submittor: PSC Asia Pacific Pty Ltd
Unit 11, 277 Lane Cove Road
North Ryde NSW 2113

1. Description of Variants

1.1 Variant 2

A Magellan SL model 8204 weighing instrument which is similar to the pattern but with modified internal electronics, some cosmetic changes and using a C & C Jetronic model PSU25A-13 (or a Phihong model PSM28U-201) power supply.

The instrument load receptor has nominal dimensions of 305 × 383 mm.

1.2 Variant 3

A Magellan SL model 8202 weighing instrument which is similar to variant 2 but with a shorter load receptor (nominal dimensions of 256 × 283 mm).

NOTIFICATION OF CHANGE

In Technical Schedule No 6/4C/201 dated 27 June 1998, the reference to the submittor's address should be amended to now read:

"PSC Asia Pacific Pty Ltd
Unit 11, 277 Lane Cove Road
North Ryde NSW 2113"

TECHNICAL SCHEDULE No 6/4C/201

VARIATION No 2

Pattern: Magellan SL Model 384 Weighing Instrument

Submittor: PSC Asia Pacific Pty Ltd
Unit 11, 277 Lane Cove Road
North Ryde NSW 2113

1. Description of Variant 4

The Magellan SL models 8102 and 8104 weighing instruments which are similar to the models 8202 (variant 3) and 8204 (variant 2), respectively, but with differences relating to barcode reading, reduced interface capabilities, and minor cosmetic changes.



Australian Government

National Standards Commission

12 Lyonpark Road, North Ryde NSW 2113 Australia

Notification of Change

Certificate of Approval No 6/4C/201

Change No 1

The following changes are made to the approval documentation for the
Magellan SL Model 384 Weighing Instrument

submitted by PSC Asia Pacific Pty Ltd
 Unit 11, 277 Lane Cove Road
 North Ryde NSW 2113.

1. In Certificate of Approval No 6/4C/201 dated 11 November 2002:
 - (i) The Condition of Approval referring to the review of the approval should be amended to read:

“This approval becomes subject to review on 1 March 2008, and then every 5 years thereafter.”
 - (ii) The FILING ADVICE is amended by adding:

“Figure 3 dated 2 January 2004”

2. In Technical Schedule No 6/4C/201 dated 27 June 1996, the following footnote should be added to clause **1. Description of Pattern**:

“Note: The model 960RD indicator described above may be in either shaped housing shown in Figure 3.”

(Note that Figure 3 is attached herein.)

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. T.', written in a cursive style.

12 Lyonpark Road, North Ryde NSW 2113 Australia

Notification of Change

Certificate of Approval No 6/4C/201

Change No 2

The following change is made to the approval documentation for the

Magellan SL Model 384 Weighing Instrument

submitted by PSC Asia Pacific Pty Ltd
Unit 11, 277 Lane Cove Road
North Ryde NSW 2113.

1. In Technical Schedule No 6/4C/201 dated 27 June 1998, the following is added to clause **1. Description of Pattern** after the 2nd paragraph:

“Note: Instruments may be fitted with two model 960RD indicators to provide indications to both the vendor and the customer.”

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. K. T.', is located at the bottom right of the page.



Australian Government
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Institute

Bradfield Road, West Lindfield NSW 2070

Notification of Change
Certificate of Approval No 6/4C/201
Change No 3

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
Magellan SL Model 384 Weighing Instrument

submitted by PSC Asia Pacific Pty Ltd
Unit 11, 277 Lane Cove Road
North Ryde NSW 2113.

- A. In all the documentation listed in the FILING ADVICE in Certificate of Approval No 6/4C/201 dated 11 November 2002, all references to the name of the submitter should be amended to read:

“Datalogic Scanning Pty Ltd”

The address remains unchanged.

- B. In Certificate of Approval 6/4C/201 dated 11 November 2002, the FILING ADVICE should be amended by adding the following:

“Notification of Change No 1 dated 2 January 2004
Notification of Change No 2 dated 11 June 2004
Notification of Change No 3 dated 4 April 2007”

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 document.



Australian Government
National Measurement
Institute

Bradfield Road, West Lindfield NSW 2070

Notification of Change
Certificate of Approval No 6/4C/201
Change No 4

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
Magellan SL Model 384 Weighing Instrument

submitted by Datalogic Scanning Pty Ltd
Unit 11, 277 Lane Cove Road
North Ryde NSW 2113.

In Certificate of Approval 6/4C/201 dated 11 November 2002;

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 March **2013**,
and then every 5 years thereafter.”

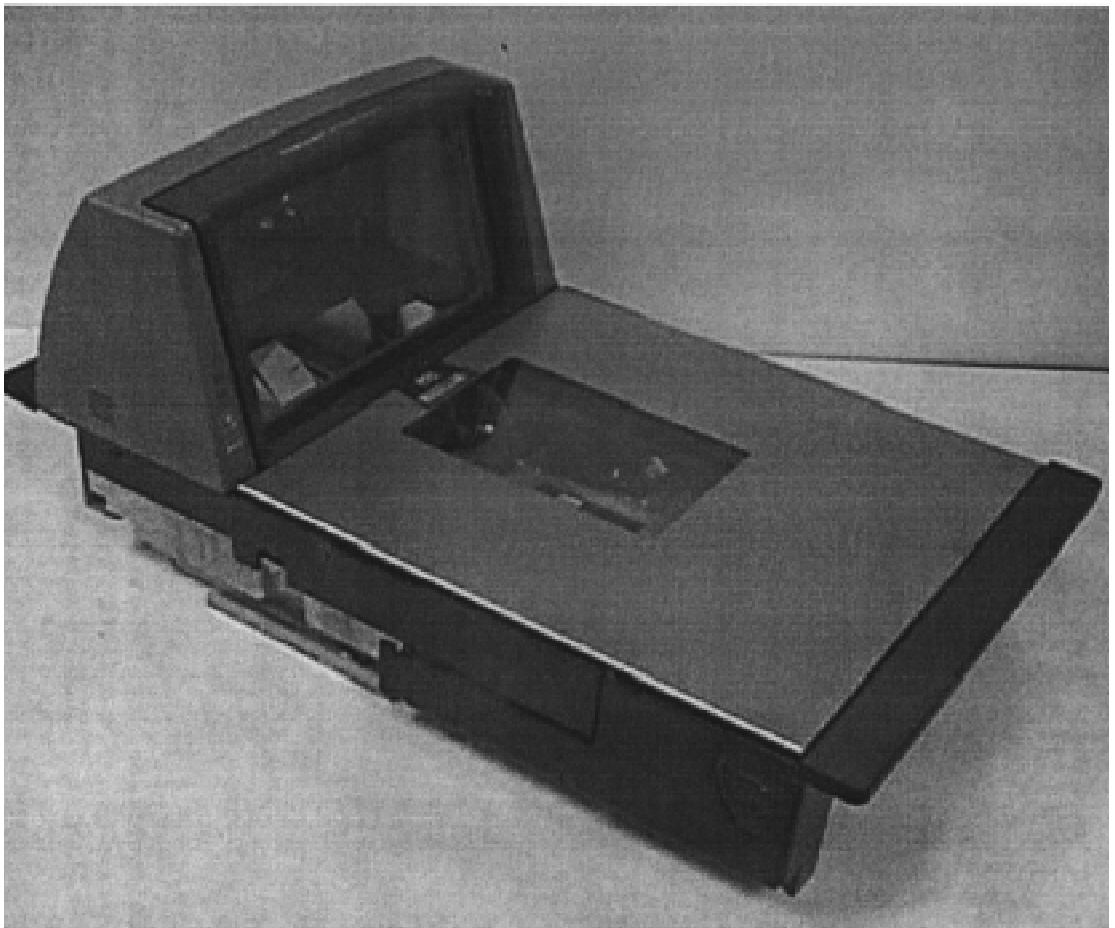
Note: The review date was previously amended by Notification of
Change No 1 dated 2 January 2004.

2. The FILING ADVICE should be amended by adding the following:
“Notification of Change No 4 dated 24 April 2008”

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

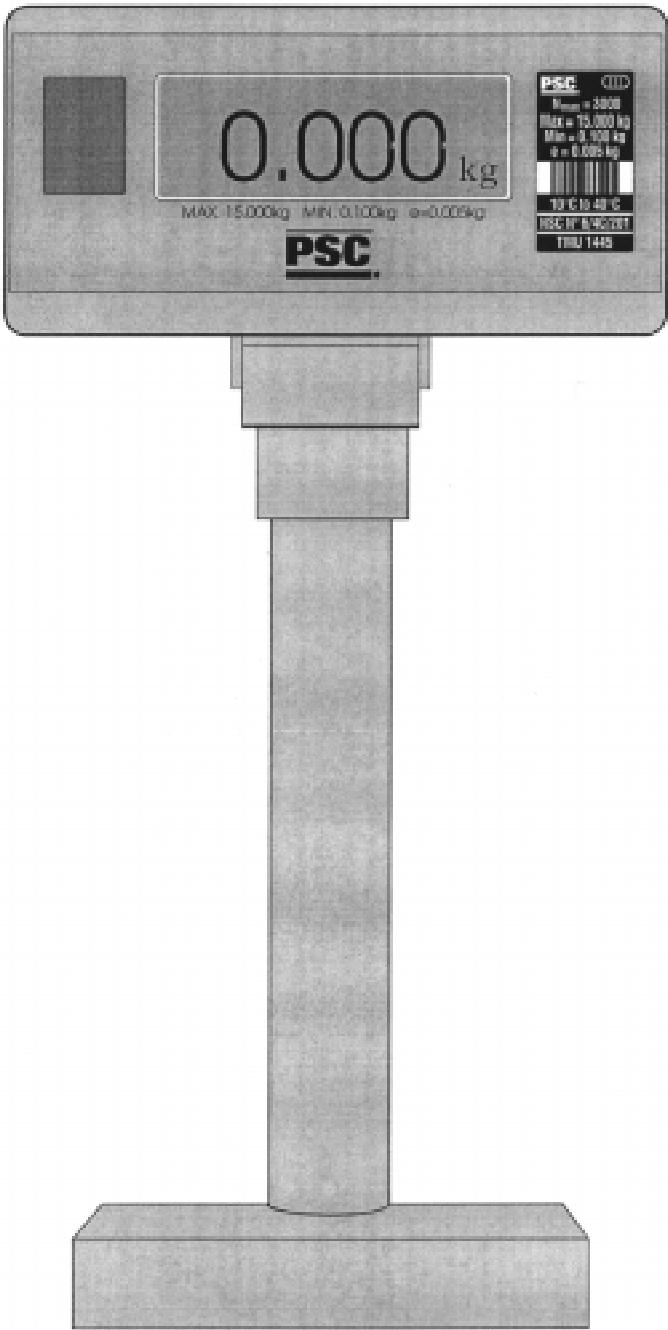
A handwritten signature in black ink, appearing to be 'J. H. T.', is written over a faint circular stamp.

FIGURE 6/4C/201 - 1



Magellan SL Model 384 Weighing Instrument

FIGURE 6/4C/201 - 2



Model 960RD Indicator

FIGURE 6/4C/201 – 3



Alternative Housings for Model 960RD Indicator