



Australian Government

Department of Industry,
Science and Resources

**National
Measurement
Institute**

36 Bradfield Road, West Lindfield NSW 2070

**Supplementary Certificate of Approval
NMI S663**

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 instruments herein described.

Australia Post Model Retail Self Service Terminal (SST) Point of Sale (POS) System
submitted by Australian Postal Corporation
Australia Post, Retail Network Management
13/111 Bourke Street
Melbourne VIC 3000

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 approval has been granted with reference to document NMI M 7, *Pattern Approval Specifications for Point of Sale Systems*, dated June 2012.

This approval is subject to review at the decision of the Chief Metrologist in accordance with the conditions specified in the document NMI P 106.

DOCUMENT HISTORY

Rev	Reason/Details	Date
0	Pattern provisionally approved – interim certificate issued	22/05/14
1	Pattern amended (validity date) – interim certificate issued	20/05/15
2	Pattern approved – interim certificate issued	23/07/15
3	Pattern amended (validity date) – interim certificate issued	12/02/16
4	Pattern approved – certificate issued	18/01/17
5	Variant 1 approved – certificate issued	8/11/22

CONDITIONS OF APPROVAL

General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI S663' and only by persons authorised by the submitter.

Instruments purporting to comply with this approval and currently marked 'NMI PS663' may be re-marked 'NMI S663' but 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 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.

Special

Certain aspects of this instrument (in particular transaction record printing formats) are able to be configured by the user. Whilst NMI believes that acceptable formats can be achieved for typical basic sales modes, it is also possible for the instrument to be configured to produce unacceptable formats, and use of some formats may be inappropriate for different sales modes. It is the responsibility of the user to ensure that acceptable and appropriate formats are used in any particular situation.

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



Alex Winchester

A/g Manager
Policy and Regulatory Services

TECHNICAL SCHEDULE No S663

1. Description of Pattern **provisionally approved on 22/05/14**
approved on 23/07/15

An Australia Post model Retail Self Service Terminal (SST) system to provide self check out facility for compatible (#) NMI-approved point of sale systems granted with reference to document NMI M7.

1.1 Key Features

- The system provides a self check out facility for point of sale arrangements for compatible NMI approved point of sale (POS) systems.
 - The system includes an inbuilt NCR model 7878-2001-9090 self-indicating non-automatic weighing instrument (approval NMI 6/4C/251) or other compatible NMI-approved measuring instruments.
 - The system receives measurement data from the output interface of the approved measuring instrument and computes prices using the postcode for the SST being used by the customer, a table of destination postcodes, and a table of weight brackets and prices for the type of item nominated by the customer.
- (#) 'Compatible' is defined to mean that no additions/changes to the hardware/software specified in this approval are required for satisfactory operation of the system.

1.2 System Description

The Australia Post model Retail Self Service Terminal (SST) point of sale (POS) system (Figure 1) comprises:

(i) POS Controller

The POS controller comprises an NCR model 7350 self check out device (as described in approval NMI S578), which operates a Microsoft Windows operating system running NCR SelfServ Checkout version 4.04 software, NCR developed Australia Post Kiosk Interface (APKI) version 11.17 software and Australia Post developed 'WebPOS' version 280813K software.

The NCR SelfServ software version number is displayed by pressing the 'Supervisory' button, entering a password (available from store manager), selecting 'System Information' from the utility menu and scrolling down to 'Software version' under 'NCR SelfServ Checkout Information.

The APKI software version number is displayed as APKI version 11.17.

The WebPOS software version number is displayed as WebPOS version 280813K.

(ii) Electronic Indications

The NCR model 7350 POS Controller has an inbuilt touch sensitive computer monitor to provide an indication for the customer (Figure 2). Information additional to that required by document NMI M7, including totalisation details and product images, may also be indicated. **Note: Customer displays may NOT meet all the requirements of clause 6.1.2 of document NMI M7, Pattern Approval Specifications for Point of Sale Systems. Unit price or price per item is not indicated as this is not applicable – destination postcode is indicated in place of this.**

(iii) Printing Devices

Transaction records shall satisfy the requirements of document NMI M7, *Pattern Approval Specifications for Point of Sale Systems*. **Note: Printed records may NOT meet all the requirements of clause 6.1.2 of document NMI M7. Unit price or price per item is not indicated as this is not applicable – destination postcode is indicated in place of this.**

A Citizen model CLS521 or equivalent (*) receipt printer is connected to the controller to provide transaction record printing facility. A typical record is shown in Figure 3.

A Citizen model CLS521 or equivalent (*) label printer is connected to provide a label printing facility but this is not intended to be a customer record. A typical label is shown in Figure 4.

(*) 'Equivalent' is defined to mean other proprietary equipment of the same or better specifications requiring no changes to the software specified in this approval for satisfactory operation of the system.

(iv) Additional System Facilities

In addition, the system may include other facilities including point of sale cash drawers, magnetic card and/or barcode reader and electronic funds transfer (EFT), etc. The facilities shall not interact with the system in a way that would cause an incorrect indication of the measured quantity or price.

1.3 Verification Provision

Provision is made for the application of a verification mark.

1.4 Descriptive Markings

The POS controller is marked in a clear and permanent manner, in one location, with the following information:

Submittor's name or mark
Serial number or other unique identifier
Pattern approval number	NMI S663

2. Description of Variant 1

approved on 8/11/22

With the POS Controller operating NCR SelfServ version 5.xx software and Australia Post Kiosk Interface (APKI) version 11.xx software.

Note: The 'WebPOS' software described in **1.2 System Description** operates on a back office server and communicates transaction properties to the POS Controller.

TEST PROCEDURE No S663

The POS system shall be tested in addition to any tests specified in the approval documentation for the measuring instrument/s to which the POS system is connected, as appropriate

The POS system shall be tested in the normal operational mode of the instrument and device, not in 'training mode' or any other management mode.

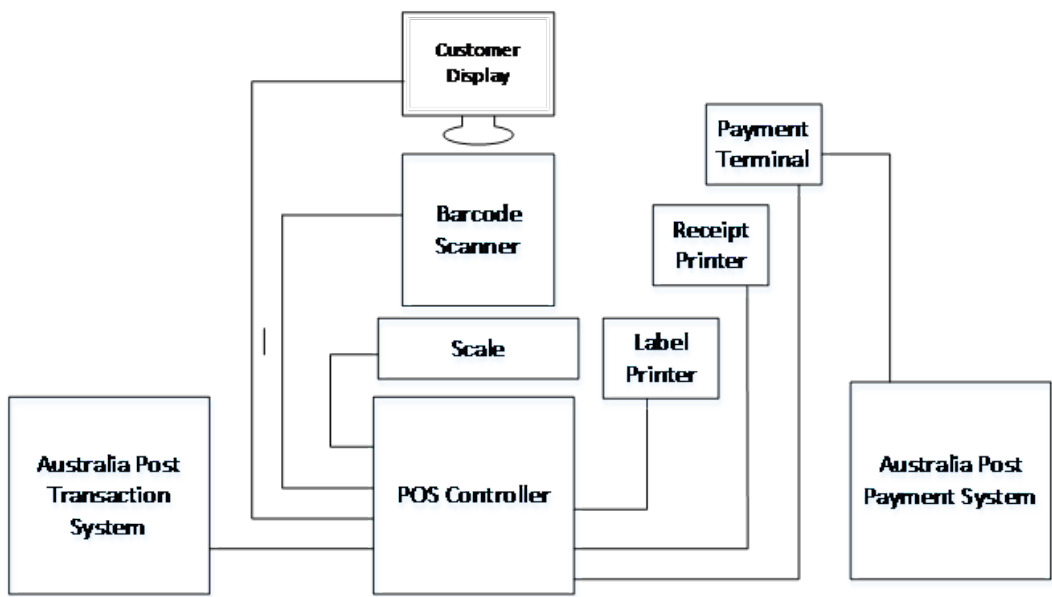
Maximum Permissible Error

The maximum permissible error for price computation is ± 0.5 cent.

TESTS

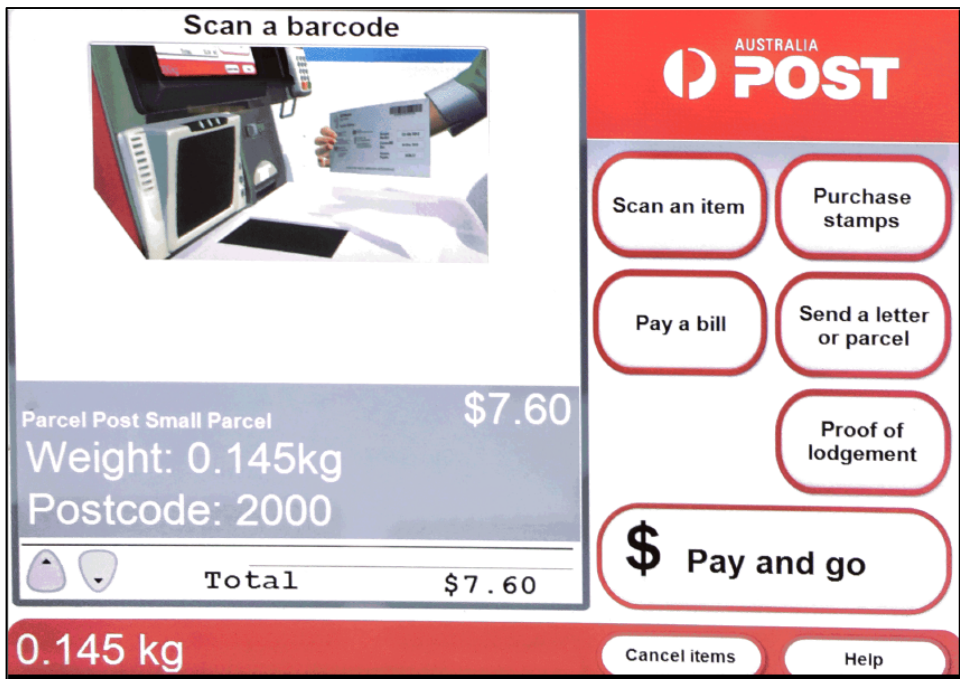
1. Check the software version number/s.
2. Check that the POS system faithfully reproduces the measurement data in the same units and scale interval as the connected approved measuring instrument, e.g. test by using a PLU without a stored tare.
3. Check that the system performs correct price computation, and computes and indicates a correct unrounded subtotal. For cash payment methods, check that any rounding calculation is correct. **To check the price computations are correct, the verifier should obtain a copy of the table of prices and barcodes from the store manager.**
4. For network systems check to ensure that the measurement data printed on the transaction record is correctly reproduced.
5. Ensure that electronic indications and printed information are in accordance with document NMI M7, except as **noted** in clauses 1.2 (ii) and 1.2 (iii).

FIGURE S663 – 1



Australia Post Model Retail Self Service Terminal (SST)
Point of Sale (POS) System

FIGURE S663 – 2



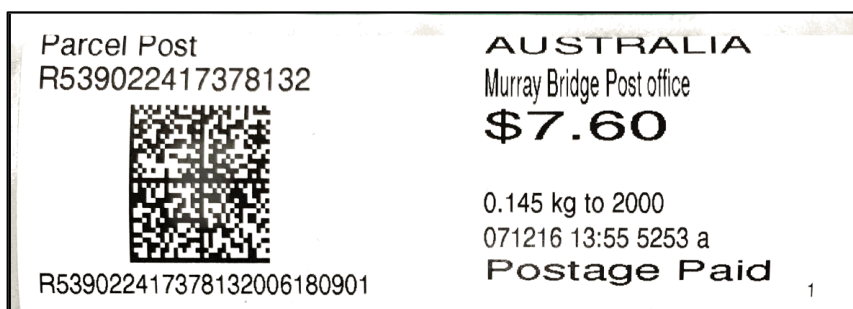
Typical Customer (Self-serve) Display

FIGURE S663 – 3

	
A U S T R A L I A P O S T	
Murray Bridge Post office	5253
Parcel Post Small Parcel	\$7.60 *
Weight: 0.145kg	
Postcode: 2000	
Weight for Small Parcels (Scale)	
Tracking ID:	
R539022417378132	
Extra Cover Not Purchased	
TRANS TOTAL	\$7.60
CREDIT	\$7.60
EFTPOS	
423953#####4533 (T)	CREDIT ACCOUNT
EFTPOS Tender	7.60
TOTAL EFTPOS	7.60
APPROVED 08	
VISA DEBIT	AID A0000000031010
RRN 001441135618	
07/12/16 13:56:18 539022 41/001441 1	
CHANGE DUE	\$0
* POST supplied, price includes GST.	
GST on POST Taxable Supply:	\$0.69
ABN:28 864 970 579	TAX INVOICE
7/12/2016 1:56 PM	53902241000308
POSTBILLPAY-	
ASK WHICH BILLS YOU CAN PAY HERE	
You can view the Australia Post Terms & Conditions online at www.auspost.com.au	
PROVIDE FEEDBACK ON TODAY'S VISIT AT AUSPOST.COM.AU/MYVISIT	

A Typical Receipt

FIGURE S663 – 4



A Typical Label

~ End of Document ~