



Australian Government
Department of Industry,
Innovation and Science

National Measurement Institute

Supplementary Certificate of Approval NMI S586

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.

H&C Holdings Model SUREfire Point of Sale (POS) System

submitted by H&C Holdings (Aust) Pty Ltd
1/468 St Kilda Road
Melbourne VIC 3004

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 M7, *Pattern Approval Specifications for Point of Sale Systems*, dated June 2012.

This approval becomes subject to review on 1/09/17, and then every 5 years thereafter.

DOCUMENT HISTORY

Rev	Reason/Details	Date
0	Pattern provisionally approved – interim certificate issued	20/08/12
1	Pattern amended (validity date) – interim certificate issued	30/11/12
2	Pattern amended (validity date) – interim certificate issued	28/02/13
3	Pattern amended (validity date) – interim certificate issued	13/09/13
4	Pattern amended (validity date) – interim certificate issued	13/03/14
5	Pattern approved – interim certificate issued	8/08/14
6	Pattern amended (validity date) – interim certificate issued	25/02/15
7	Pattern amended (validity date) – interim certificate issued	26/08/15
8	Pattern approved – certificate issued	6/11/15

CONDITIONS OF APPROVAL

General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI S586' and only by persons authorised by the submitter.

Instruments purporting to comply with this approval and currently marked 'NMI PS586' may be re-marked 'NMI S586' 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*.



Dr A Rawlinson

TECHNICAL SCHEDULE No S586

1. Description of Pattern **provisionally approved on 20/08/12**
approved on 8/08/14

An H&C Holdings model SUREfire system to provide certain additional facilities for transactions when interfaced to compatible (#) NMI-approved measuring instruments granted with reference to document NMI M7.

- The system provides point of sale arrangements for an NCR 7878 series 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 a product look up (PLU) facility.
- The system computes total price for multiple items including non-measured items and is approved for use for transactions direct to public.
- The system is able to apply a preset tare value up to the maximum capacity of the approved measuring instrument. Preset tare values may be stored (e.g. within a PLU facility).
- The POS controllers may be connected in a network to share common PLU data, for totalisation, and to accumulate and retrieve management information.

(#) '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 H&C Holdings model SUREfire point of sale (POS) system (Figure 1) comprises:

(i) POS Controller

The H&C Holdings model SUREfire POS controller comprises an NCR model 5209 RealPOS or equivalent (*) PC-based device that operates a Microsoft Windows operating system running SUREfire version 2.xx.x.x software. The software version number is displayed within the 'help' screen.

(ii) Electronic Indications

Indications shall satisfy the requirements of document NMI M7, *Pattern Approval Specifications for Point of Sale Systems*.

An NCR model 5954-2501-9090 touchscreen computer monitor or equivalent (*) is connected to the POS controller providing an indication for the operator (Figure 2).

An NCR model 5924-8100-9090 LCD display or equivalent (*) is connected to the controller and provides an indication for the customer (Figure 3).

Information additional to that required by document NMI M7, including totalisation details and product images, may also be indicated.

(*) '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.

(iii) Printing Devices

Transaction records shall satisfy the requirements of document NMI M7, *Pattern Approval Specifications for Point of Sale Systems*.

An NCR model 7197-1005-9001 receipt printer or equivalent (*) is connected to the controller to provide transaction record printing facility. A typical record 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 S586

TEST PROCEDURE No S586

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.

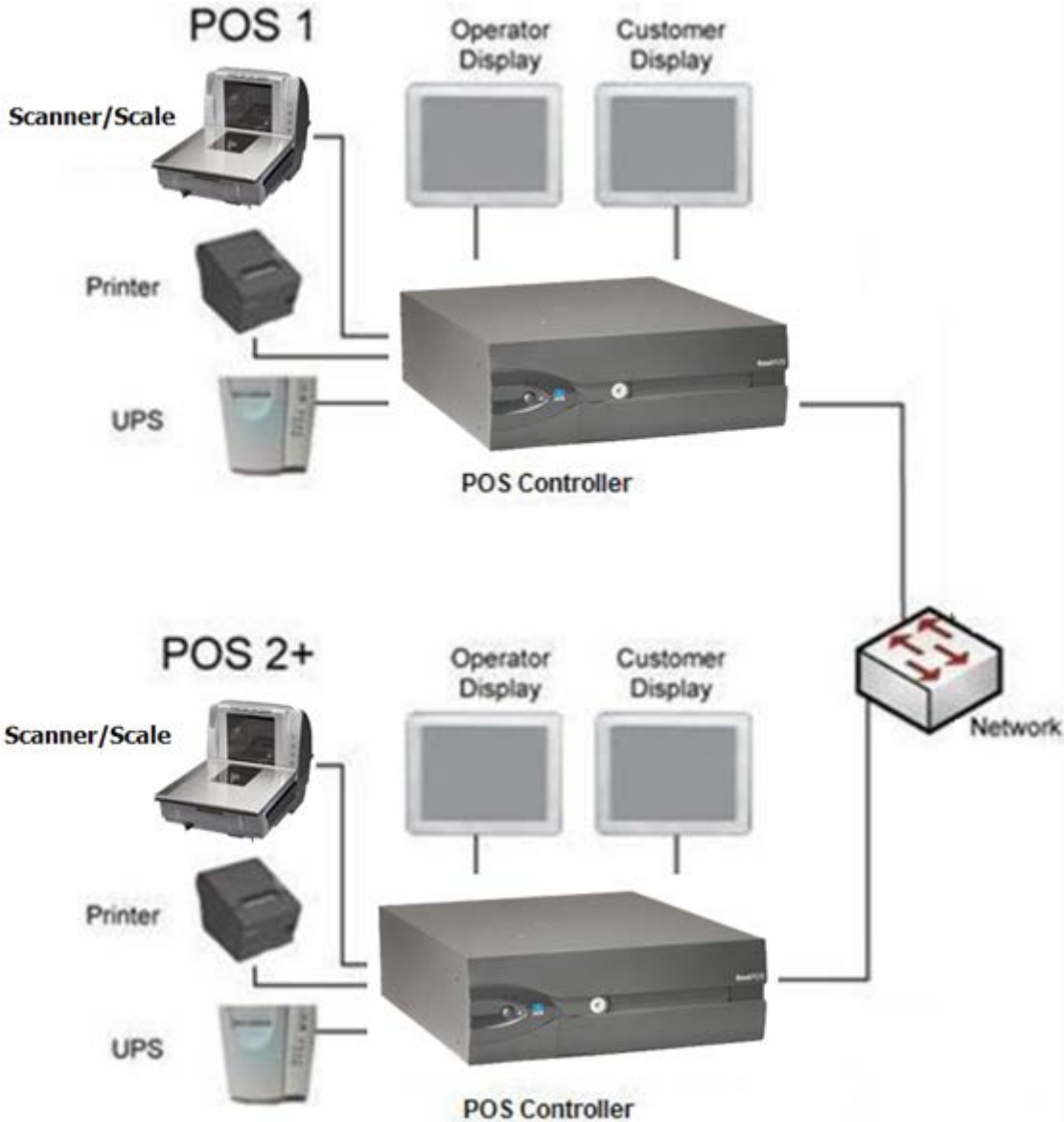
Maximum Permissible Error

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.
4. Perform a measurement with a preset tare applied and confirm that the POS system correctly calculates and indicates a net measurement result.
5. For network systems check to ensure that the measurement data printed on the transaction record is correctly reproduced.
6. Ensure that electronic indications and printed information are in accordance with document NMI M7.

FIGURE S586 – 1



H&C Holdings Model SUREfire Point of Sale (POS) System

FIGURE S586 – 2

30/09/2015 3:12 PM Lane: 4 Operator: 9819

Item Menu

Scan item or select function

Item #

Description	Net	Price (\$)	Total (\$)
Bananas	1.500kg	2.50/kg	3.75
Bananas	0.950kg	2.50/kg	2.38
Petit pain multigrain	1	0.31	0.31
Mushrooms dried swiss brn	0.250kg	15.99/kg	4.00

4 Items

SubTotal:	\$10.44
Discount:	\$0.00
Rounding:	\$0.00
Amount Tendered:	\$0.00
Amount Due:	\$10.44
Includes GST of	\$0.00

Keypad: Change Quantity, void txn, help, log off, Change Price, misc, supervisor, re print, Repeat Current Item, apps menu, secure pos, plu lookup, Void Current Item, 7, 8, 9, Clear, Refund Item, 4, 5, 6, Back Space, Quick Item, 1, 2, 3, Enter, Cash Payment, 0, 00, Process Payment, [Up], [Down]

Typical Operator Display

FIGURE S586 – 3

WELCOME TO

SUREfire
SYSTEMS

winning SOLUTIONS for retail

Total (\$)	
BANANAS	3.75
1.500kg NET @ \$2.50/kg	
BANANAS	2.38
0.950kg NET @ \$2.50/kg	
PETIT PAIN MULTIGRIAN	0.31
MUSHROOMS DRIED SWISS BRN	
0.250kg NET	4.00
@ \$15.99/kg	
Discount:	\$0.00
TOTAL (Inc GST)	\$10.44
GST Amount	\$0.00
4 Items(s)	* Signifies item(s) with GST

Interim pricing may be adjusted due to discounting

Typical Customer Display

FIGURE S586 – 4

□|bC□|2CTAX INVOICE
359204000000000336

□|3CLangwarrin
Phone Number 9775 9177
OPEN 7 DAYS A WEEK

Ritchies Stores Pty Ltd

□|bCABN 61005041814

Description	Total \$
PETIT PAIN MULTIGRIAN	0.31
BANANAS	
1.500kg NET @ \$2.50/kg	3.75
BANANAS	
0.950kg NET @ \$2.50/kg	2.38
MUSHROOMS DRIED SWISS BRN	
0.250kg NET @ \$15.99/kg	4.00
SubTotal	\$10.44
Rounding	\$0.01
TOTAL (Inc GST)	\$10.45
4 Items	
Cash Tendered	\$10.45
Change Due	\$0.00
GST Amount	\$0.00

Served by Surefire Support on lane 4
30/09/2015 3:16:02 PM

ASK ABOUT OUR COMMUNITY BENEFIT CARD
Total Donations: \$20,783,233.61
Monthly Total: \$330,019.64

A Typical Receipt

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