



Australian Government

Department of Industry,
Science and Resources

**National
Measurement
Institute**

36 Bradfield Road, West Lindfield NSW 2070

Supplementary Certificate of Approval

NMI S877

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.

Dibtech Model Dibpos Point of Sale (POS) System

submitted by Dibtech Business Solution Pty Ltd
 suite 1, 275 George Street
 Liverpool NSW 2170

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 approved – certificate issued	16/10/25

CONDITIONS OF APPROVAL

General

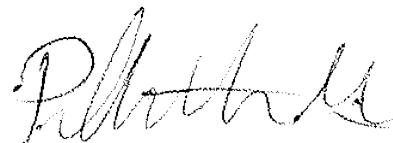
Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI S877' and only by persons authorised by the submitter.

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 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.



Phillip Mitchell
A/g Manager
Policy and Regulatory Services

TECHNICAL SCHEDULE No S877

1. Description of Pattern **approved on 16/10/25**

An Dibtech Model Dibpos system (Figure 1) to provide certain additional facilities for transactions when interfaced to compatible (#) NMI-approved measuring instruments granted with reference to document NMI M 7.

1.1 Key Features

- The system provides point of sale arrangements for a CAS model PDN-15BD self-indicating non-automatic weighing instrument (approval NMI 6/4C/322) 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 the 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 keyboard-entered or 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 Dibtech Model Dibpos point of sale (POS) system (Figure 1) comprises:

(i) POS Controller

The HP model B0Z61AV POS controller or equivalent (*) is a PC-based device that operates a Microsoft Windows operating system running Dibpos version 12.x.xxx software. The software version number is displayed by clicking on the question mark icon near the top right corner of operator screen, followed by clicking the About.

(ii) Electronic Indications

Indications shall satisfy the requirements of document NMI M 7, *Pattern Approval Specifications for Point of Sale Systems*.

The HP model B0Z61AV POS controller has an integral touch sensitive display to provide an indication for the operator (Figure 2) and another integral display to provide an indication for the customer (Figure 3).

Information additional to that required by document NMI M 7, including totalisation details and product images, may also be indicated.

(iii) Printing Devices

Transaction records shall satisfy the requirements of document NMI M 7, *Pattern Approval Specifications for Point of Sale Systems*.

An Xprinter model XP-N160II printer or equivalent (*) is connected to the controller to provide transaction record printing facility. A typical sample 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). 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:

Submitter's name or mark	
Serial number or other unique identifier	
Pattern approval number	NMI S877

TEST PROCEDURE No S877

The POS system shall be tested in addition to any tests specified in the approval documentation for the instruments 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

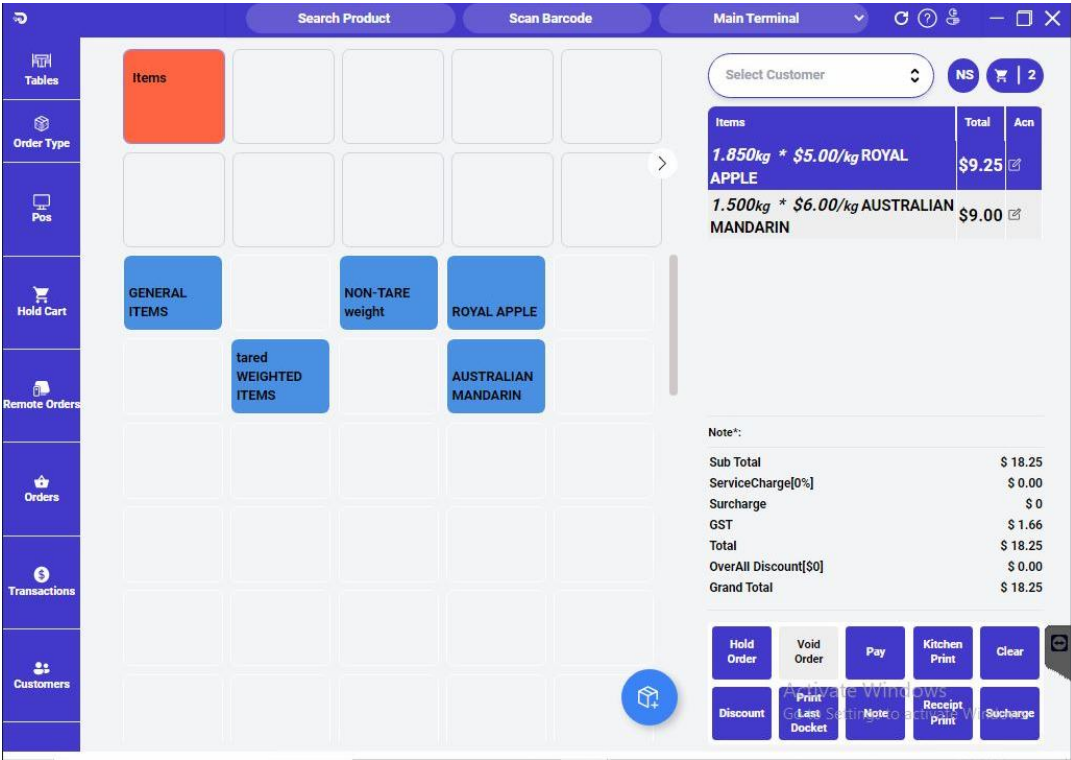
1. Check the software version number/s.
2. Check that the POS system faithfully reproduces the measurement data in the same units and scale interval as the connected approved measuring instrument, e.g. test by using a PLU without a stored tare.
3. Check that the system performs correct price computation, 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 M 7.

FIGURE S877 – 1



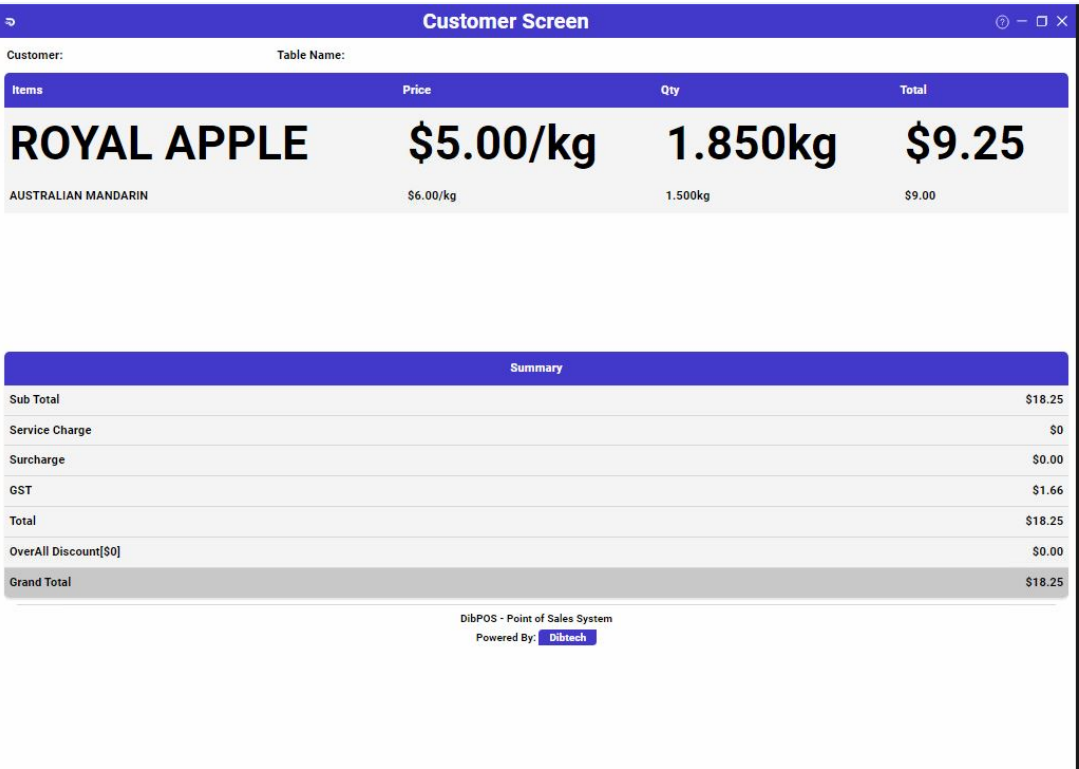
An Dibtech Model Dibpos Point of Sale (POS) System

FIGURE S877 – 2



Typical Operator Screen

FIGURE S877 – 3



Typical Customer Screen

FIGURE S877 – 4

DIBTECH BUSINESS SOLUTION
1/275 GEORGE STREET
LIVERPOOL NSW 2170
ABN: 22 614 265 489
PHONE: 02 5269 8456
Order No:OFL-20

Customer: N/A
Table: N/A
Created By: admin
OrderType: Take away

Invoice No: INV-OFL-20
Date: 2025-09-25
Time: 11:18:50 am

NAME	QTY	RATE	AMT
*AUSTRALIAN MANDARINE	1.452kg	\$4.50/kg	\$6.53
*GALA APPLE	1.524kg	\$5.50/kg	\$8.38

Gross Amount	:	\$14.91
GST	:	\$0.00
Discount	:	\$0.00
RoundOff Amount	:	\$0.01
Tender	:	\$15.00
Change	:	\$0.10
Grand Total	:	\$14.90

Payment Method: Cash(\$14.90)

Note: The items with * sign denote GST free item

THANK YOU FOR VISITING US

Dibpos-Point of Sales System
Powered By Dibtech

A Typical Receipt

~ End of Document ~