Australian Government

National Measurement Institute

Bradfield Road, West Lindfield NSW 2070

Interim

Provisional

Supplementary Certificate of Approval

NMI PS613

VALID FOR VERIFICATION PURPOSES UNTIL 18 APRIL 2014

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.

ECNESOFT Model IMPREX Point of Sale (POS) System

submitted by   ECNESOFT Pty Ltd
Unit 14, 20-30 Stubbs Street
Silverwater   NSW   2128

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.

DOCUMENT HISTORY

Rev	Reason/Details	Date
0	Pattern provisionally approved – interim certificate issued	18/01/13
1	Pattern amended (validity date) – interim certificate issued	18/04/13
2	Pattern amended (validity date) – interim certificate issued	18/10/13

CONDITIONS OF APPROVAL

General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI PS613' and only by persons authorised by the submittor.

It is the submittor'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 Conditions of Approval: (Provisional Approval)

The locations or serial numbers of instruments may be obtained from the National Measurement Institute. The submittor shall advise NMI in writing of the proposed location or serial number of each instrument prior to it being initially verified.

Instruments purporting to comply with this approval shall be marked with approval number 'NMI PS613' and only by persons authorised by the submittor. (Note: The 'P' in the approval number may be a temporary marking.)

The approval will remain provisional pending completion of satisfactory testing and evaluation.

In the event of unsatisfactory performance the approval may be cancelled (or altered).

The submittor shall implement such modifications as required by NMI. In the event that such modifications (if any are required by NMI) are not made to the satisfaction of NMI, this approval may be withdrawn.

## 1.	Description of Pattern	provisionally approved on 18/01/13

An ECNESOFT model IMPREX system to provide certain additional facilities for transactions when interfaced to compatible (#) NMI-approved point of sale systems granted with reference to document NMI M7.

### 1.1	Key Features

• The system provides point of sale arrangements for a CAS model PD-II self-indicating non-automatic weighing instrument (approval NMI 6/4C/237) 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.

• Manually entered measurement data shall be indicated as such on a printed transaction record.

• 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 ECNESOFT model IMPREX point of sale (POS) system comprises:

(i)   POS Controller

The ECNESOFT model IMPREX POS controller comprises a PC-based device that operates a Microsoft Windows-based operating system running eTakeaway version 1.x.x.x software*. The software version number is displayed at the top of the main software screen (window).

(ii)   Electronic Indications

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

The ECNESOFT model IMPREX POS controller has an integral touch sensitive display to provide an indication for the operator and another integral display to provide an indication for the customer.

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

(iii)   Printing Devices

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

An ECNESOFT model A-10 printer or equivalent (*) is connected to the controller to provide transaction record printing facility.

(*)   '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   Family of Devices

The IMPREX and the ANYSHOP series of devices which are similar to the pattern (including the software versions used) in various configurations of the features outlined in clause **1.2 (iv) Additional System Facilities**.

The IMPREX and the ANYSHOP series of devices may have a conventional keyboard and a touch sensitive screen.

TEST PROCEDURE

The POS system shall be tested for compliance with the requirements of General Supplementary Certificate No S1/0/A dated 20/03/92, as follows:

Testing requires a minimum of 5 checks spanning the measurement range of the measuring instrument. For each check, ensure the device is correctly:

- repeating the result of the primary indicator; and/or

- summing several primary indicators; and/or

- printing the results.

Ensure the printed format and the display format is in compliance with General Supplementary Certificate No S1/0/A.

Perform a display segment check for indicators with this function.

For network systems, check that the measurement data printed on the transaction record is correctly reproduced from each device connected in the network.

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

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