



Bradfield Road, West Lindfield NSW 2070

# **Interim Provisional Supplementary Certificate of Approval NMI PS642**

**VALID FOR VERIFICATION PURPOSES UNTIL 14 DECEMBER 2013**

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.

Retail Scanning Model EDGEPOS Point of Sale (POS) Control System for Fuel Dispensers for Motor Vehicles

submitted by     Retail Scanning Pty Ltd  
                         89 High Street  
                         Kew    VIC    3101

**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**

<b>Rev</b>	<b>Reason/Details</b>	<b>Date</b>
0	Pattern provisionally approved – interim certificate issued	14/06/13

## **CONDITIONS OF APPROVAL**

### **General**

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI PS642' 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)**

This approval is limited to five (5) sites only, the locations of which may be obtained from the National Measurement Institute. The submitter 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 PS642' and only by persons authorised by the submitter. (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 submitter 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 14/06/13**

A Retail Scanning model EDGEPOS point of sale control system to provide an attended self-service facility for compatible (#) approved fuel dispensers for motor vehicles. The fuel dispensers are controlled by the EDGEPOS point of sale system through the Integration Technologies Enabler 3 PCI (as described in approval NMI S518).

##### **1.1 Key Features**

- The system is approved for environmental class A, a climate-controlled environment between 5°C and 30°C.
  - The system can provide a self-serve arrangement for compatible (#) approved fuel dispensers.
  - The system allows post-payment or pre-payment deliveries; in the latter case the fuel dispenser must incorporate a pre-set device.
  - The system allows up to two transactions per fuel dispenser, i.e. current sale on the fuel dispenser and a stored transaction.
  - Additional POS consoles may be interfaced for multi-attended self-serve operation.
  - The nominal supply voltage is 240 V AC.
- (#) '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 Retail Scanning model EDGEPOS point of sale (POS) system comprises:

###### **(i) Point of Sale (POS) Console**

The point of sale console comprises a Partner model PT-6215 or equivalent (\*) PC-based device using a Microsoft Windows operating system running EDGEPOS version 2.8.x software. The software version number is displayed at the top of the operator screen at all times.

- (\*) '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.

**(ii) Electronic Indications**

A Partner model PT-6215 touch sensitive computer monitor or equivalent (\*) is connected to the POS controller to provide an indication for the operator.

A Partner model CD-7220 computer monitor or equivalent (\*) is connected to the controller and provides an indication for the customer.

**(iii) Printing Devices**

An Epson model TM88 receipt printer or equivalent (\*) is connected to the POS console.

An Epson model TM88 audit trail printer or equivalent (\*) is connected to the POS console. The printer automatically prints fuel delivery details when a measurement result is stored in memory and a second delivery authorised. In a configuration with multiple POS consoles, the audit trail printer is connected to each individual console.

**(iv) Server Computer**

The server computer comprises a Hewlett Packard model DX-2400 computer or equivalent (\*) with an Integration Technologies model Enabler 3 PCI forecourt flowmeter controller as described in approval NMI S518. The server computer operates as a database server for the POS consoles.

**(v) Additional System Facilities**

In addition, the model EDGEPoS point of sale control system may include point of sale facilities including cash drawers, a magnetic card or barcode reader and EFT facility. The facilities shall not interact with the console in a way that would cause an incorrect indication of the measured volume or price.

**TEST PROCEDURE**

Instruments shall be tested in conjunction with any tests specified in the approval documentation for the instruments to which the pattern is connected, as appropriate, and in accordance with the national Instrument Test Procedures.

Points 2-6 are required at commissioning, thereafter they may be conducted at the discretion of the inspecting officer.

1. Check the EDGEPoS software version number.
2. Check that the unit price change for the grade of fuel is implemented to the allocated fuel dispensers when they are available for authorisation.
3. Check that the system identifies, displays and prints the correct data for the corresponding number allocated to the fuel dispenser.
4. Authorise a delivery and check that the delivery details on the fuel dispenser agree with the receipt obtained.
5. Authorise a stored delivery and check that the delivery details of the first delivery to be stored in memory is printed on the audit printer.
6. Remove paper from the audit printer and check that when the printer is unavailable, the warning message is displayed on the POS console. Ensure that the ability to authorise a stored delivery is not possible.

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**