



Australian Government  
Department of Industry,  
Innovation and Science

## National Measurement Institute

### Interim Supplementary Certificate of Approval NMI S708

**VALID FOR VERIFICATION PURPOSES UNTIL 17 DECEMBER 2016**

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.

Computer Vision Model QuickFuel Control System for Fuel Dispensers for Motor Vehicles

submitted by Computer Vision Australia Pty Ltd  
Suite 8, 75 Bay Street  
Brighton VIC 3186

**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 R 117 Measuring Systems for Liquids Other than Water, dated June 2011.

#### DOCUMENT HISTORY

Rev	Reason/Details	Date
0	Pattern approved – interim certificate issued	17/12/15

#### CONDITIONS OF APPROVAL

##### General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI S708' and only by persons authorised by the submitter.

Instruments incorporating a component purporting to comply with this approval shall be marked 'NMI S708' in addition to the approval number of the instrument, 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.

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificate No S1/0B.

### **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.

## **1. Description of Pattern**

**approved on 17/12/15**

A Computer Vision model QuickFuel 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 QuickFuel 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 Computer Vision model QuickFuel point of sale (POS) system comprises:

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

The point of sale console comprises a IBM model SurePos 4900 or equivalent (\*) PC-based device using a Microsoft Windows operating system running QuickFuel version 6.xx.xxx.xx software. The software version number is displayed by selecting the Tools Menu button.

The SurePOS 4900 includes integrated uninterruptible power supply or any equivalent (\*) UPS may be connected to the point of sale (POS) console.

**(ii) Electronic Indications**

A Toshiba model 4820-5LG or equivalent (\*) touch sensitive display is connected to the POS Controller to provide an indication for the operator.

A Philips model 150P3 display or equivalent (\*) is connected to the controller and provides an indication for the customer.

A Toshiba model 4610-1NR receipt printer or equivalent (\*) is connected to the POS console.

**(iv) Server Computer**

The server computer comprises a IBM model SurePos 4900 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 and may be configured to operate as a Point of Sale console

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

**(v) Additional System Facilities**

In addition, the model QuickFuel 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.

**1.3 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 S708

**1.4 Verification Provision**

Provision is made for the application of a verification mark.

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**