



Australian Government
Department of Industry,
Innovation and Science

National Measurement Institute

36 Bradfield Road, West Lindfield NSW 2070

Supplementary Certificate of Approval NMI S767

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.

Precia Molen model Truckflow Point of Sale (POS) System

submitted by Precia SA
 BP 106
 07000 Privas
 FRANCE

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 becomes subject to review on 1/12/23, and then every 5 years thereafter.

DOCUMENT HISTORY

Rev	Reason/Details	Date
0	Pattern approved – certificate issued	20/11/18

CONDITIONS OF APPROVAL

General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI S767' 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.

Special Conditions of Approval: (weighbridges)

The pattern has not been assessed for compliance with requirements which are outside the scope of document NMI M 7, including those features which control the automation of weighbridge operation, or ticket formats for public weighbridges, or 'axle weighing' or 'end-and-end weighing'.

This Certificate does not constitute or imply approval for these functions. Details of these requirements can be found on the NMI website.

Signed by a person authorised by the Chief Metrologist
to exercise their powers under Regulation 60 of the
National Measurement Regulations 1999.



Darryl Hines

Manager
Pattern Approval, Policy and
Licensing Section

TECHNICAL SCHEDULE No S767

1. Description of Pattern

approved on 26/10/18

A Precia Molen model Truckflow Point of Sale (POS) system 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 when connected to NMI-approved measuring instruments fitted with a Precia Molen model i35 digital indicator (approval NMI S669) or other compatible (#) NMI-approved measuring instruments. NMI-approved measuring instruments may include Summing indicators complying with General Certificate S1/0B.
 - The system receives measurement data from the output interface of the approved measuring instrument.
 - Manually entered measurement data shall be indicated as such on a printed transaction record.
 - The system is able to apply a tare value up to the maximum capacity of the approved measuring instrument. Tare values may be keyboard-entered or stored
 - 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 Precia Molen Truckflow point of sale (POS) system (Figure 1) comprises:

(i) POS Controller

The Precia Molen model Truckflow POS controller is a PC-based device that operates a Microsoft Windows-based operating system running Truckflow version 1.10.x software. The software version number is displayed on the title bar of the software.

(ii) Electronic Indications

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

A HP model computer monitor or equivalent (*) is connected to the POS controller to Information additional to that required by document NMI M 7, including totalisation details and product images, may also be indicated.

Note: There is no NMI M 7 compliant customer display fitted to the POS system.

(iii) Printing Devices

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

An Xerox model printer or equivalent (*) is connected to provide a transaction record printing facility. A typical record is shown in Figure 3.

Note: Tickets have NOT been assessed for compliance with the requirements for Weighbridge Measurement Tickets as given in relevant Licensing Directives published on the NMI website.

- (*) '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) Multiple Instruments Facility

The Truckflow POS system may be connected to up to 30 approved measuring instruments. The POS system is configured to display which measuring instrument is connected.

The measuring instrument to be used is preselected by the operator prior to assigning the weights against a ticket.

The Truckflow POS system may be connected by a network across multiple sites. Vehicle weighing functions for a net measurement are only to be carried out at the site.

Note: In the case of this feature, each instrument/combination shall be clearly identified to correspond to the appropriate measuring instrument display shown on the POS system display. NMI trade measurement authorities may require additional markings or signs to ensure that these relationships are clear.

(v) Truck Weighing Functions

Providing functions intended specifically for truck weighing applications, including provision for 'truck and product' identification data to be stored in memory.

The truck weighing functions provide for:

- simple vehicle weighing, where the gross weight of a vehicle is determined by a single weighing;
- first/second weighing, where a vehicle is weighed before and after a loading or unloading operation;
- function keys programmed to perform various functions (such as accessing and searching stored vehicle, item, product or client information).

(vi) Additional System Facilities

The system may include additional peripheral devices including but not limited to barcode scanning devices, RFID card readers, driver control stations, programmable logic controllers (PLC), input/output controllers, video surveillance cameras, video overlay devices and other plant/site-specific control systems. The facilities shall not interact with the system in a way that would cause an incorrect indication of the measured quantity or price.

The Precia Molen model Truckflow software module is also intended to be used for weighing operations using small platform weighing instruments used to weigh small amounts of scrap material.

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 S767

TEST PROCEDURE No S767

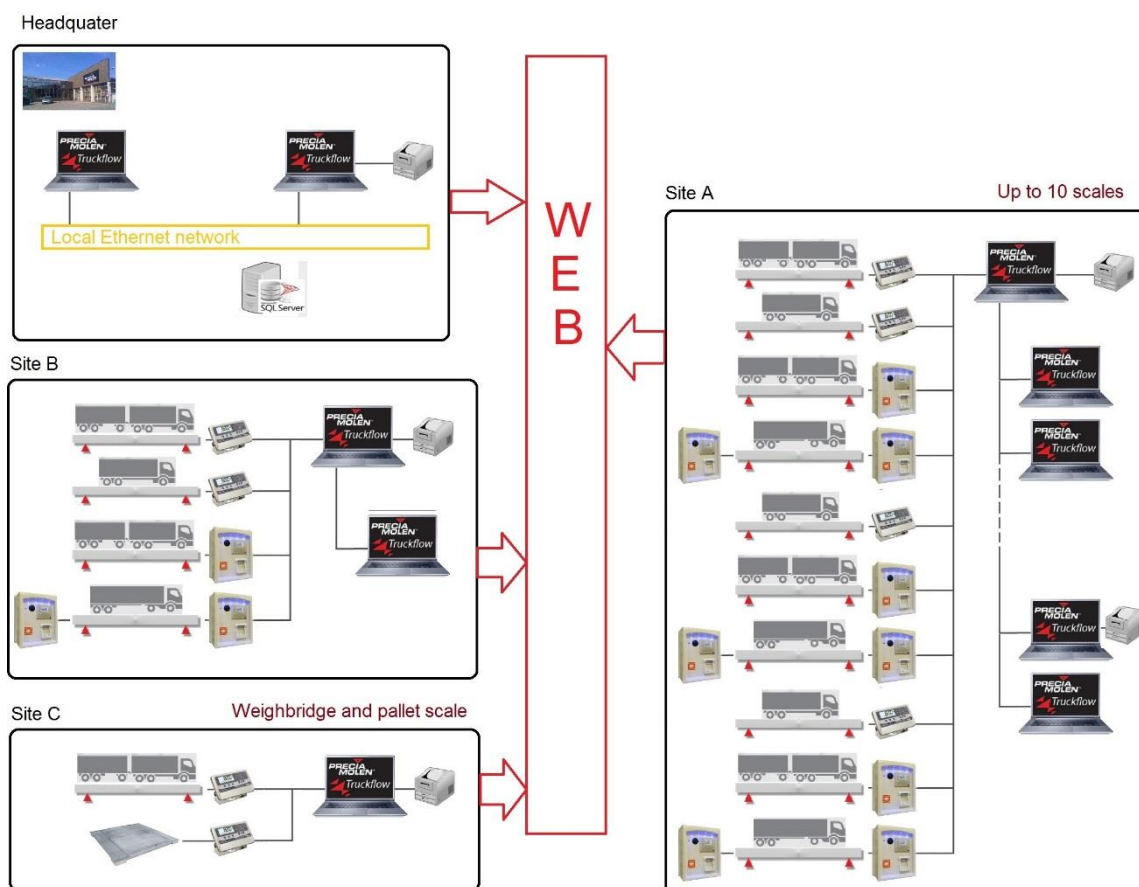
The POS system shall be tested in addition to any tests specified in the approval documentation for the measuring instrument/s to which the POS system is connected, as appropriate

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.

TESTS

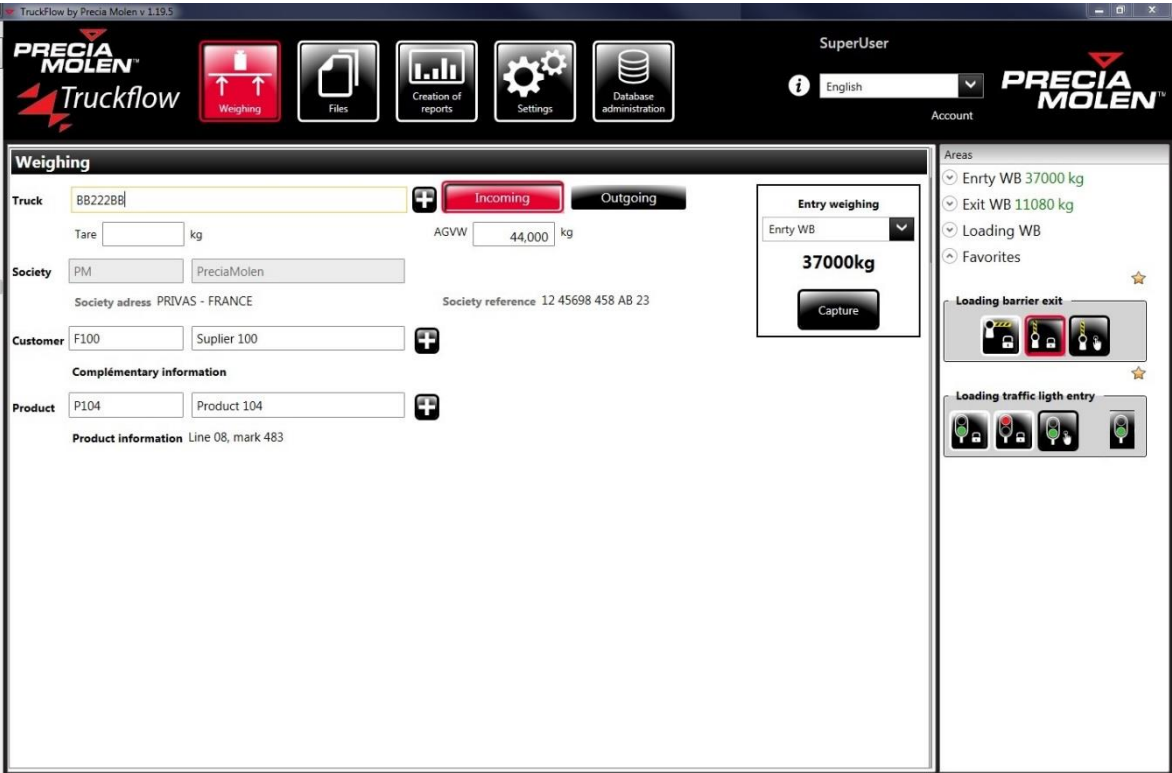
1. Check the software version number/s.
2. Check that the POS system faithfully reproduces the measurement data in the same units and scale interval as the connected approved measuring instrument, e.g. test by using a PLU without a stored tare.
3. Manually enter some pre-determined measurement data and ensure that the printed transaction record clearly indicates the transaction as such.
4. For network systems check to ensure that the measurement data printed on the transaction record is correctly reproduced.
5. Ensure that electronic indications and printed information are in accordance with document NMI M 7.

FIGURE S767 – 1



Precial Molen model Truckflow Point of Sale (POS) System

FIGURE S767 – 2



Typical Operator Display

FIGURE S767 – 3



PRECIA MOLEN

WorldWide Weighing
104 route du pesage
07001 PRIVAS
FRANCE

Exit date : 20/07/2018 11:50

Exit Dsd : 3690254 / i30

Entry date : 20/07/2018 09:49

Entry Dsd : 3690245 / i30

Incoming

Ticket number	3637	
Truck plate	CH 464 NG	
Badge	12590	FLT GIRARDOT
Customer / Provider	CF-254-970-3690	KRISSSENKRUPPT DORFSHEICHEL-KLOP 234BIS BOULEVARD DES GRANDS 34500 BEZIERS CEDEX FRANCE
Product	7014	SABLE CONC. 04 EN 13043
Haulier	FR 101	SAB. ENROBAGE 4 AV. GIRARDOT - BP 77971 21043 DIJON CEDEX
	Weight in :	39020 kg
	Weight out :	11020 kg
	Net :	28000 kg

***** Have a good journey *****

A Typical Receipt

~ End of Document ~