



Australian Government  
Department of Industry,  
Innovation and Science

**National  
Measurement  
Institute**

## **Supplementary Certificate of Approval**

### **NMI S693**

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.

Graincorp Model GrainTransact Site Edition (GTSE) Point of Sale (POS) System

submitted by Graincorp Operations Limited  
Level 28  
175 Liverpool Street  
Sydney NSW 2000

**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 1/4/22, and then every 5 years thereafter.

#### **DOCUMENT HISTORY**

<b>Rev</b>	<b>Reason/Details</b>	<b>Date</b>
0	Pattern provisionally approved – interim certificate issued	21/05/15
1	Pattern amended ( <b>Key Features</b> & validity) – interim certificate issued	6/05/16
2	Pattern approved – certificate issued	22/03/17

## CONDITIONS OF APPROVAL

### General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI S693' and only by persons authorised by the submittor.

Instruments purporting to comply with this approval and currently marked 'NMI PS693' may be re-marked 'NMI S693' but 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: (weighbridges)

The pattern has not been assessed for compliance with requirements which are outside the scope of document NMI M7, including those features which control the automation of weighbridge operation, or ticket formats for public weighbridges, or 'axle weighing' or 'end to 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*.



**Dr A Rawlinson**

TECHNICAL SCHEDULE No S693

**1. Description of Pattern** **provisionally approved on 21/05/15**  
**approved on 22/03/17**

A Graincorp model GrainTransact Site Edition (GTSE) system to provide certain additional facilities for transactions when interfaced to compatible (#) NMI-approved measuring instruments granted with reference to document NMI M7.

**1.1 Key Features**

- The system provides point of sale arrangements when connected to NMI-approved measuring instruments fitted with a Mettler Toledo model IND310 digital indicator (approval NMI S456) 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.
- 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 (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
- The system may be connected to additional measuring instruments for the determination of the quality of grain samples (e.g. protein, moisture or density measuring instruments).

Note: The measurement data processed by the GTSE system may be exported for the purposes of determining prices according to existing agreements. These arrangements are not assessed to the requirements of NMI Document M7

(#) '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 Graincorp model GrainTransact Site Edition (GTSE) system comprises:

**(i) POS Controller**

The Graincorp model GrainTransact Site Edition (GTSE) POS controller is a server-based application where a Lenovo PC or equivalent (\*) PC-based device that operates a Microsoft Windows operating system and running Grain Transact Site Edition (GTSE) version '5.x.xx' software. The software version is displayed by selecting About from the Admin menu.

(\*) '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**

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

A Lenovo model M91 computer monitor or equivalent (\*) provides an indication for the operator.

## **(iii) Printing Devices**

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

An HP model Mono printer or equivalent (\*) is connected to the controller to provide transaction record printing facility.

Note: Tickets have NOT been assessed for compliance with the requirements for Weighbridge Measurement Tickets as given in relevant Licensing Directives of the trade measurement section of NMI as 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 Graincorp model GrainTransact Site Edition (GTSE) POS system may be connected to up to four approved measuring instruments. The POS system is configured to display which measuring instrument is connected.

The measuring instrument to be used is preconfigured within the GTSE during PC "installation and configuration" Process.

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. 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 or tare 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**

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 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 S693

#### TEST PROCEDURE No S693

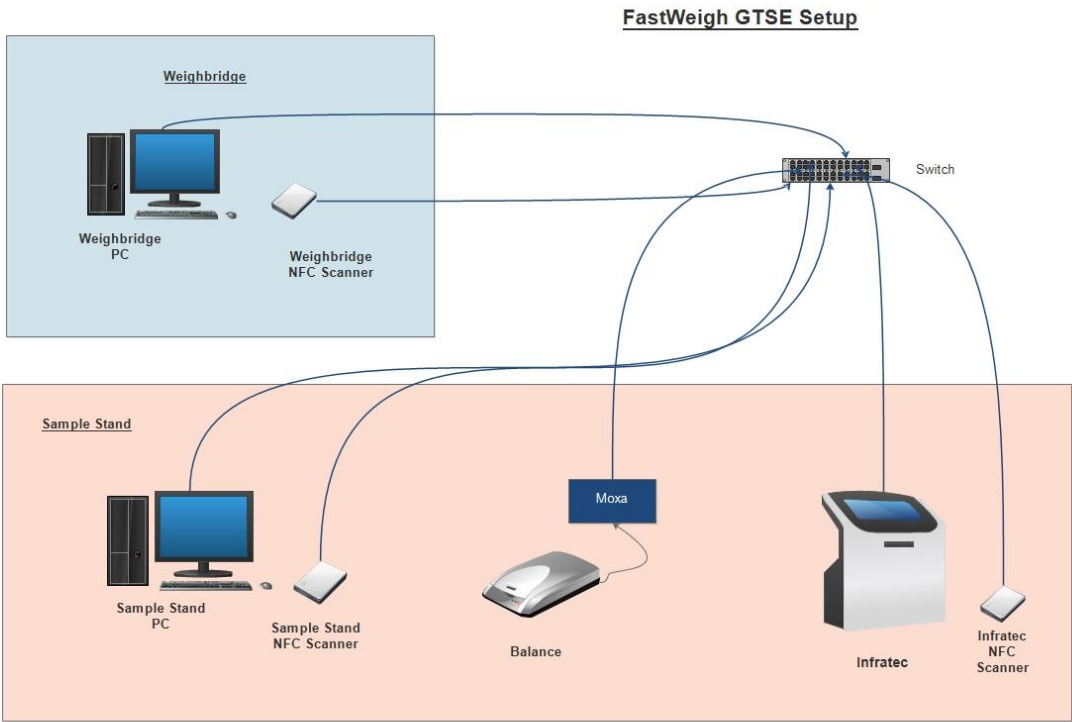
The POS system shall be tested in addition to any tests specified in the approval documentation for the measuring instrument/s to which the POS system is connected, as appropriate

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. Perform a measurement with a tare applied and confirm that the POS system correctly calculates and indicates a net measurement result.
4. Manually enter some pre-determined measurement data and ensure that the printed transaction record clearly indicates the transaction as such.
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 M7.

FIGURE S693 – 1



Point of Sale (POS) System



FIGURE S693 – 4

**GrainCorp**

GrainCorp Operations Limited ABN 52 003 875 401

**RECEIVAL DOCKET****610400023354**

Site: 6104 Gilgandra  
 Date: 08/03/2017  
 Grower: 10000354 Schells Well Pty Ltd ATF Alawoona Via, LOXTON, SA, 5333  
 Truck: M123 68 COMMON 9 AXLE B-DOUBLE

EXTRA: NO SAA: NO

Weight Limit: General Mass Limit

Permit:

	Weight 1	Weight 2	Weight 3	Weight 4	Total Weight	GML	GHMS	Time
Gross:	60.00 t				60.00 t *	62.50 t	65.63 t	17:30
Tare:	10.00 t				10.00 t *			17:31

**NET WEIGHT:** 50.00 t

NB: \* = Manually entered

Grade: H2  
 Commodity: Wheat  
 Variety: HAT HARTOG  
 Season: 16 Winter  
 Paddock:  
 Vol. Downgrade: NO

**data Quality Results**

MOGR	Moisture	8 %	*
PRGR	Protein	12 %	*
TWT	Test Weight	80 kg/hl	*
SCRN	Screenings	2 %	*
STAN	Stained	1 %	*

Payee	Buyer	Option	Type	Contract	Price(AUD\$/t)	Weight	%
10000354	ACOM	C	CASH		\$ 201.00	12.50 t	25.00
10000354	WAREHOUSE					37.50 t	75.00

**Terms and Conditions**

- For the purposes of these Receival Terms and Conditions (the 'Terms') below 'You' means the Owner of the Grain presented for Receival. Unless expressly defined below in these Terms, defined terms used have the same meaning in each of GrainCorp's Grower Warehousing Agreement and Country Storage and Handling Agreement for the Current Season.
- You warrant that at the time Your Grain is Received:
  - Where You use an agent to deliver Your Grain to a GrainCorp Storage, Your agent is authorised on Your behalf to provide the warranties and acknowledgements set out in these Terms;
  - You are a party to and have read and understood GrainCorp's Grower Warehousing Agreement and/or its Country Storage and Handling Agreement (as the case may be) for the Current Season (the 'Agreements') which are available at: [www.graincorp.com.au](http://www.graincorp.com.au);
  - You have read and understood GrainCorp's Welcome to GrainCorp - Site Safety for Visitors/Non-Employees pamphlet and understand Your responsibility to comply with the directions contained in the document;
  - The information and details supplied by You and stated on this receival docket (the 'Docket') are true, accurate and correct in all respects;
  - The Owner(s) (including any or sharefarmer(s)) details nominated against the Grower Registration Number and/or Buyer Code is the legal owner of the Grain presented for Receival;
  - The classification of Your Grain on Receival as stated on the Docket shall be final and binding;
  - It has only been treated with insecticide/pesticide nominated on this Docket, or in the case where the words 'No Treatment' appears, the Grain has not been treated with or contaminated by any insecticide/pesticide; and
  - It not been treated with or containment by a pickling compound.
- You acknowledge and agree that at the time Your Grain is Received:
  - GrainCorp is relying upon the warranties set out above;
  - You accept full liability for any Claim or Loss arising out Your breach of the above warranties;
  - The cash price per Tonne (if applicable) detailed on this Docket, will not incorporate any increments or decrements in the price, and unless affected by computer operator input error at Receival, shall be final and binding;
  - GrainCorp does not condone or encourage the overloading of motor vehicles and may in its discretion refuse to unload a motor vehicle if it deems it to be unsafe due to its weight, configuration or otherwise;
  - In circumstances where the information and details appearing on this Docket indicate a possible breach/contravention of any heavy vehicle mass limit or other requirement imposed by law for a specific load (including without limitation the limits prescribed in any State or Territory grain harvest management scheme mass exemption notices (the 'Notice')), You shall unconditionally release and indemnify and keep indemnified GrainCorp, its agents, officers and employees, from all Claims or Loss associated with that breach/contravention;
  - Grain determined to be in excess of the prescribed mass limit or other requirement imposed by law (including a Notice) for a specific load (the 'mass breach Grain') will be transferred to a 'Mass Breach Buyer Account' in GrainCorp's GrainTransact system. You will have 21 Calendar Days from the date of this Docket to collect the same. To make arrangements for its collection, You must call GrainCorp Stocks in 1800 809 482 and quote the Docket Number and confirm a collection date and time. Fees and shrink will apply as per the Current Season GrainCorp Country Storage and Handling Agreement or GrainCorp Grower Warehousing Agreement, whichever is relevant. GrainCorp will not guarantee the quality of collected grain as it does not form part of Stored Grain. All mass breach grain not collected after 21 days will be donated to a charity at GrainCorp's discretion.

A Typical Receipt

~ End of Document ~