



Australian Government
Department of Industry,
Innovation and Science

**National
Measurement
Institute**

36 Bradfield Road, West Lindfield NSW 2070

**Interim
Provisional
Supplementary Certificate of Approval
NMI PS567**

VALID FOR VERIFICATION PURPOSES UNTIL 3 May 2019

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.

BCS Model BAGgate Self 'Bag-drop' Control System for Airline Baggage Weighing

submitted by BCS New Zealand Ltd
Unit F, 7 Orbit Drive, Albany
Auckland 0632 New Zealand

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 becomes subject to review on 1/07/17, and then every 5 years thereafter.

DOCUMENT HISTORY

| Rev | Reason/Details | Date |
|-----|---|----------|
| 0 | Pattern approved – interim certificate issued | 15/06/12 |
| 1 | Pattern & variant 1 approved – certificate issued | 14/09/12 |
| 2 | Variant 2 approved – interim certificate issued | 13/09/13 |
| 3 | Variant 2 approved – certificate issued | 16/10/14 |
| 4 | Variant 3 approved – certificate issued | 13/11/15 |
| 5 | Variants 4 & 5 provisional approved - interim certificate issued | 3/08/18 |
| 6 | Variants 4 & 5 amended (validity date) - interim certificate issued | 31/10/18 |

| Rev | Reason/Details | Date |
|-----|---|----------|
| 7 | Variants 4 & 5 amended (validity date) - interim certificate issued | 31/01/19 |

CONDITIONS OF APPROVAL

General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI PS567' and only by persons authorised by the submitter.

Note: The approved weighing instrument to which this system is attached shall also carry its own markings and pattern approval number.

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 Conditions of Approval: (Provisional)

The locations or serial numbers of instruments 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 PS567' 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 Variant 4 **provisionally approved on 3/08/18**

The BCS BAGgate system which is similar to the pattern and variants but in a version operating on a SITA CUSS platform which interfaces to the BCS Web Services using AEA interface layer and airline bag drop applications to share weighing data, and to retrieve passenger and flight information.

The airline application interfaces to the airline's computer system and its databases to access passenger and flight details, store baggage information, and determine appropriate baggage limits.

The system may use Air New Zealand BCS CUSS Bag Drop User application and/or alternative BCS CUSS software applications tailored to suit different airlines developed by DBCS (Daifuku BCS Group) on BCS BAGgate bag drop systems deployed on the SITA CUSS environment.

The selection of the appropriate airline bag drop application may be made by the passenger (by selection from the customer interface screen, or by scanning an airline boarding pass).

An airline BCS CUSS bag drop application may operate in a way similar to that described:

- (a) For the pattern in **1.6 Operation and Checking Facilities**; or
- (b) In variant 2, i.e. a 'piece rate' mode.

Note: Although customer interface screens, operation screens and baggage receipts may vary between airline applications, it is the responsibility of BCS New Zealand Ltd to ensure that the clarity and size of information (particularly weight values), correspondence between the displayed weight value and that of the weighing instrument, and operation sequence does not differ substantially from that described or shown in this certificate.

2. Description of Variant 5 **provisionally approved on 3/08/18**

The system which is similar to variant 4 but may use ICM Airports Technics Qantas Self Service Bag Drop User Interface application on the BCS BAGgate bag drop equipment connected to the SITA CUSS environment.

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

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