

CERTIFICATE OF CALIBRATION

ISSUED: Wed 26/Mar/2025

CERTIFICATE NUMBER: R05N004161

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BLAKE & BOUGHTON Industrial Weighing Specialists

Units 8 & 10
Roman Way
Thetford
Norfolk
IP24 1XB

Tel: 01842 751555

Approved Signatory: Chris Hawkins

Signature:



2025-03-26 15:39:08

Customer

Ellgia Ltd (Ely),
Unit 7,
Lancaster Way,
Ely,
Cambridgeshire,
CB6 3NW

Contact Darrel McKinney

Calibration Site

Ellgia Ltd (Ely),
Unit 7,
Lancaster Way,
Ely,
Cambridgeshire,
CB6 3NW

Equipment		Capacity	Division	Test Equipment Used
Make	Dini	1 50 000kg	20kg	TR 12695
Model	Argeo 3590 ETP	2		TP0057
Serial No	74035139	3		MU30640
Customer Ref	N/A	4		
Location	Yard			

Comments

Notes

The weighing equipment described above has been calibrated using weights traceable to National Standards and in accordance with the following procedures (where relevant). The results were recorded.

ENGINEER CHECKS

The engineer has made the following checks prior to calibration and recorded any deviation that may affect the results. i. Equipment available for duration of calibration ii. Operation and parameters iii. Environmental factors iv. Condition of the equipment under test

CERTIFICATES AND TOLERANCES

Blake and Boughton will record measurements taken over the equipment's range and provide a Calibration Certificate showing performance to a specified tolerance. In instances where the accuracy specification of equipment being tested/calibrated is unknown, the general acceptance criteria will be an accuracy level of +/- 0.1% of scale capacity or one division, if the weighing equipment has less than 1000 divisions.

LINEARITY

A series of weights were added to the centre of the load receptor. The reading at each load was recorded. In the case of equipment with a capacity in excess of 500 kg or with restricted platform sizes it may be necessary to use 'make-up' weights. This does not affect the validity of the test.

ECCENTRICITY TEST

A load of approximately 1/3 of the machine capacity was placed in the centre of the load receptor and the readings were recorded. The load was then placed at each pan support in turn and again at the centre, the readings were recorded. Lesser loads may be used to meet customers' requirements. For moisture analysers and small circular top pan balances, a load of 1/3 or greater of the capacity of the machine was placed on three points of the top pan and the readings were recorded. Lesser loads may be used to meet customers' requirements.

REPEATABILITY

The repeatability load was applied to the centre of the load receptor and the reading recorded. The repeatability load was removed and the reading recorded.

ACCURACY

The certificate issued under this service is based on readings taken at a particular point of time and a particular location, it does not guarantee the accuracy of the equipment at any future time. The interpretation of the results declared is the responsibility of the customer having regard to the nature of the machine's use.

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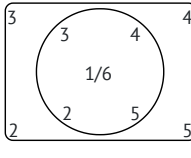
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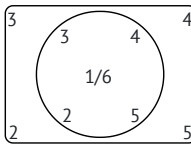
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Make Dini
Model Argeo 3590 ETP
Serial No 74035139
Range Calibrated 43 740kg x 20kg
Tolerance ±0.1%
Type of Calibration As Found

Date of Calibration Wed 26/Mar/2025
Next Calibration Due March 2026
Calibrator Chris Hawkins
Approved Signatory Chris Hawkins
Customer Ref N/A
Location Yard

As Found Eccentricity Test				Nominal Load: 7 640kg
Ref	Indicated Reading (kg)	Ref	Indicated Reading (kg)	
1	7 640	4	7 640	
2	7 640	5	7 640	
3	7 640	6	7 640	

As Left Eccentricity Test				Nominal Load: 7 640kg
Ref	Indicated Reading (kg)	Ref	Indicated Reading (kg)	
1	7 640	4	7 640	
2	7 640	5	7 640	
3	7 640	6	7 640	

As Found Linearity Test	
Nominal Load (kg)	Indicated Reading (kg)
0	0
3 000	3 000
9 000	9 000
15 000	15 000
20 000	20 000
30 100	30 100
43 740	43 740

As Left Linearity Test	
Nominal Load (kg)	Indicated Reading (kg)
0	0
3 000	3 000
9 000	9 000
15 000	15 000
20 000	20 000
30 100	30 100
43 740	43 740

END OF CERTIFICATE