CERTIFICATE OF CALIBRATION

ISSUED: Tue 02/Apr/2024 CERTIFICATE NUMBER: R05N003057

BLAKE & BOUGHTON
Industrial Weighing Specialists

Units 8 & 10
Roman Way
Thetford
Norfolk
IP24 1XB

Tel: 01842 751555

Approved Signatory: Chris Hawkins

Signature: 

2024-04-02 23:13:39

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	TR12274
Model	Argeo 3590 ETP	**2**			TN0035
Serial No	74035139	**3**			TN0035
Customer Ref	N/A	**4**			MU30640
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.

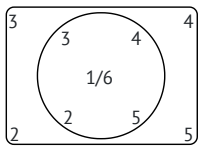
CERTIFICATE OF CALIBRATION

Make	Dini
Model	Argeo 3590 ETP
Serial No	74035139
Range Calibrated	43 880kg x 20kg
Tolerance	±0.1%
Type of Calibration	As Found

Date of Calibration	Tue 02/Apr/2024
Next Calibration Due	March 2025
Calibrator	Chris Hawkins
Approved Signatory	Chris Hawkins
Customer Ref	N/A
Location	Yard

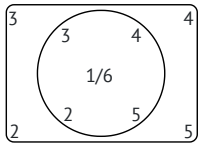
As Found Eccentricity Test Nominal Load: 7 560kg

Ref	Indicated Reading (kg)	Ref	Indicated Reading (kg)
1	7 560	4	7 560
2	7 560	5	7 560
3	7 560	6	7 560



As Left Eccentricity Test Nominal Load: 7 560kg

Ref	Indicated Reading (kg)	Ref	Indicated Reading (kg)
1	7 560	4	7 560
2	7 560	5	7 560
3	7 560	6	7 560



As Found Linearity Test

Nominal Load (kg)	Indicated Reading (kg)
0	0
2 400	2 400
11 400	11 400
20 000	20 000
30 300	30 300
43 880	43 880

As Left Linearity Test

Nominal Load (kg)	Indicated Reading (kg)
0	0
2 400	2 400
11 400	11 400
20 000	20 000
30 300	30 300
43 880	43 880

END OF CERTIFICATE