

CERTIFICATE OF CALIBRATION

ISSUED: Tue 13/Aug/2024

CERTIFICATE NUMBER: R02N002772

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BLAKE & BOUGHTON Industrial Weighing Specialists

Units 8 & 10
Roman Way
Thetford
Norfolk
IP24 1XB

Tel: 01842 751555

Approved Signatory: Greg Oparowski

Signature:



2024-08-13 16:41:28

Customer

Ellgia Ltd (Prickwillow),
Padnal Sidings,
Ely Road,
Prickwillow,
Cambridgeshire,
CB7 4UJ

Contact Darrel McKinney

Calibration Site

Ellgia Ltd (Prickwillow),
Padnal Sidings,
Ely Road,
Prickwillow,
Cambridgeshire,
CB7 4UJ

Equipment		Capacity	Division	Test Equipment Used
Make	Dini Argeo	1 50 000kg	20kg	TR12274
Model	3590ET	2		TP0057
Serial No	05137439	3		MU30640
Customer Ref		4		
Location	Site			

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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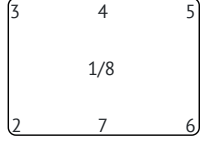
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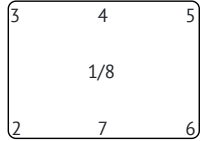
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Make Dini Argeo
Model 3590ET
Serial No 05137439
Range Calibrated 43 760kg x 20kg
Tolerance ±0.1%
Type of Calibration As Found

Date of Calibration Tue 13/Aug/2024
Next Calibration Due March 2025
Calibrator Greg Oparowski
Approved Signatory Greg Oparowski
Customer Ref
Location Site

As Found Eccentricity Test				Nominal Load: 7 580kg	
Ref	Indicated Reading (kg)	Ref	Indicated Reading (kg)		
1	7 580	5	7 580		
2	7 580	6	7 580		
3	7 580	7	7 580		
4	7 580	8	7 580		

As Found Linearity Test	
Nominal Load (kg)	Indicated Reading (kg)
0	0
2 400	2 400
11 400	11 400
20 400	20 400
29 500	29 500
43 760	43 760

As Left Eccentricity Test				Nominal Load: 7 580kg	
Ref	Indicated Reading (kg)	Ref	Indicated Reading (kg)		
1	7 580	5	7 580		
2	7 580	6	7 580		
3	7 580	7	7 580		
4	7 580	8	7 580		

As Left Linearity Test	
Nominal Load (kg)	Indicated Reading (kg)
0	0
2 400	2 400
11 400	11 400
20 400	20 400
29 500	29 500
43 760	43 760

END OF CERTIFICATE