

CERTIFICATE OF CALIBRATION

DATE OF ISSUE: Wed 21/Dec/2022

CERTIFICATE NUMBER: SYSN006710

ISSUED BY MWS LTD



MWS Ltd



Customer

Gwent Police,
Chief Executive OFFICE OF THE Police
and Crime,
Police Headquarters, Croesyceiliog,
Cwmbran, Gwent,
England,
NP44 2XJ

Contact



Calibration Site

Gwent Police,
Police Headquarters, Croesyceiliog,
Police Headquarters, Croesyceiliog,
Gwent,
England,
NP44 2XJ

Approved Signatory



Equipment Details

Make Dini Argeo
Model WWSD10TRF- 6
Serial No 0703100539
Customer Ref Pad 2
Location MWS Workshop

Range Resolution

	Range	Resolution
1	10 000kg	5kg
2		
3		
4		

Weights Sets Used

8593

Comments

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.

- Equipment available for duration of calibration
- Operation and parameters
- Environmental factors
- Condition of the equipment under test

LINEARITY

A series of weights were added to the centre of the load receptor. The reading at each load was recorded.

ECCENTRICITY TEST

A load of 1/3 or greater of the capacity of the machine was placed in the centre of the load receptor and the reading 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.

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.

ENVIRONMENTAL MEASUREMENTS

Results are recorded in terms of conventional mass.

For a weight taken at 20°C, the conventional mass is the mass of a reference weight of density of 8000kg/m³ which it balances in air of a density 1.2kg/m³.

This certificate provides traceability of measurement to the SI system of units and/or units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes.

This certificate may not be reproduced other than in full, except with the prior written approval of MWS Ltd.

CERTIFICATE OF CALIBRATION

DATE OF ISSUE: Wed 21/Dec/2022
ISSUED BY MWS LTD

CERTIFICATE NUMBER: SYSN006710

Make Dini Argeo
Model WWS10TRF- 6
Serial No 0703100539
Customer Ref Pad 2
Location MWS Workshop
Range Calibrated 10 000kg x 5kg
Type of Calibration After Adjustment

Date of Calibration Wed 21/Dec/2022
Calibrator ██████████
Approved Signatory ██████████
Internal Calibration Weight Activated N/A

As Found Linearity Test

Applied Load (kg)	Indicated Reading (kg)	Error (kg)
100	100	0
5 000	5 030	30
10 000	10 060	60

Definitive Repeatability Test

Zero Offset Load: 0kg		Applied Load: 10 000kg
Unloaded Reading (kg)	Loaded Reading (kg)	Difference (kg)
0	10 000	10 000
0	10 000	10 000
0	10 000	10 000
Variance:		0
Standard Deviation:		0.000

Definitive Linearity Test

Applied Load (kg)	Indicated Reading (kg)	Error (kg)
0	0	0
100	100	0
1 000	1 000	0
2 000	2 000	0
4 000	4 000	0
6 000	6 000	0
8 000	8 000	0
10 000	10 000	0

END OF CERTIFICATE

CERTIFICATE OF CALIBRATION

DATE OF ISSUE: Wed 21/Dec/2022

CERTIFICATE NUMBER: SYSN006711

ISSUED BY MWS LTD



MWS Ltd



Customer Gwent Police, Chief Executive OFFICE OF THE Police and Crime, Police Headquarters, Croesyceiliog, Cwmbran, Gwent, England, NP44 2XJ Contact [REDACTED]	Calibration Site Gwent Police, Police Headquarters, Croesyceiliog, Police Headquarters, Croesyceiliog, Gwent, England, NP44 2XJ	Approved Signatory [REDACTED]																													
<table border="1"> <thead> <tr> <th colspan="2">Equipment Details</th> </tr> </thead> <tbody> <tr> <td>Make</td> <td>Dini Argeo</td> </tr> <tr> <td>Model</td> <td>WWS10TRF- 6</td> </tr> <tr> <td>Serial No</td> <td>0703100551</td> </tr> <tr> <td>Customer Ref</td> <td>Pad 1</td> </tr> <tr> <td>Location</td> <td>MWS Workshop</td> </tr> </tbody> </table>	Equipment Details		Make	Dini Argeo	Model	WWS10TRF- 6	Serial No	0703100551	Customer Ref	Pad 1	Location	MWS Workshop	<table border="1"> <thead> <tr> <th></th> <th>Range</th> <th>Resolution</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>10 000kg</td> <td>5kg</td> </tr> <tr> <td>2</td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> </tr> </tbody> </table>		Range	Resolution	1	10 000kg	5kg	2			3			4			<table border="1"> <thead> <tr> <th>Weights Sets Used</th> </tr> </thead> <tbody> <tr> <td>8593</td> </tr> </tbody> </table>	Weights Sets Used	8593
Equipment Details																															
Make	Dini Argeo																														
Model	WWS10TRF- 6																														
Serial No	0703100551																														
Customer Ref	Pad 1																														
Location	MWS Workshop																														
	Range	Resolution																													
1	10 000kg	5kg																													
2																															
3																															
4																															
Weights Sets Used																															
8593																															

Comments

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.

- Equipment available for duration of calibration
- Operation and parameters
- Environmental factors
- Condition of the equipment under test

LINEARITY

A series of weights were added to the centre of the load receptor. The reading at each load was recorded.

ECCENTRICITY TEST

A load of 1/3 or greater of the capacity of the machine was placed in the centre of the load receptor and the reading 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.

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.

ENVIRONMENTAL MEASUREMENTS

Results are recorded in terms of conventional mass.

For a weight taken at 20°C, the conventional mass is the mass of a reference weight of density of 8000kg/m³ which it balances in air of a density 1.2kg/m³.

This certificate provides traceability of measurement to the SI system of units and/or units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes.

This certificate may not be reproduced other than in full, except with the prior written approval of MWS Ltd.

CERTIFICATE OF CALIBRATION

DATE OF ISSUE: Wed 21/Dec/2022
ISSUED BY MWS LTD

CERTIFICATE NUMBER: SYSN006711

Make Dini Argeo
Model WWSD10TRF- 6
Serial No 0703100551
Customer Ref Pad 1
Location MWS Workshop
Range Calibrated 10 000kg x 5kg
Type of Calibration After Adjustment

Date of Calibration Wed 21/Dec/2022
Calibrator ██████████
Approved Signatory ██████████
Internal Calibration Weight Activated N/A

As Found Linearity Test

Applied Load (kg)	Indicated Reading (kg)	Error (kg)
100	100	0
5 000	5 020	20
10 000	10 060	60

Definitive Repeatability Test

Zero Offset Load: 0kg		Applied Load: 10 000kg
Unloaded Reading (kg)	Loaded Reading (kg)	Difference (kg)
0	10 000	10 000
0	10 000	10 000
0	10 000	10 000
Variance:		0
Standard Deviation:		0.000

Definitive Linearity Test

Applied Load (kg)	Indicated Reading (kg)	Error (kg)
0	0	0
100	100	0
1 000	1 000	0
2 000	2 000	0
4 000	4 000	0
6 000	6 000	0
8 000	8 000	0
10 000	10 000	0

END OF CERTIFICATE