

Tested By:	Oliver Maguire	Document ID:	
Calibration Date	03/01/24	139947 - 03/01/2024	

Site Name :	Russell Richardson & Sons Ltd - MAG3000		Test Type:	Cal Check - Trade
Machine Location:	Unit 11-14 Parkhouse Lane Sheffield	Test Location:	Site Address	Serial No: 139947
	S9 1XA			<b>Accuracy Class: III</b>

Units:	kg	e =	1.000
Max:	3000.000	d =	1.000
Min:	20.000	Divisions:	3000

Make:	John Maguire & Son
Model:	MAG3000
Type:	Scale

Indicator Model	CSW-20 rev.12
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Make	Ian Fellows
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Test Certificate	UK2677
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Type Approval	UK2677 rev.12
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TestWeights:	West Yorks 30.03.23	Substitute:	NO
Amount Wts:	3000 kg	TW%:	100%

Size:	1.5m x 1.5m
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Capacity:	3000kg
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Increments:	1kg
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Serial No:	139947
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Printer:	TM-U220B
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Peripheral 1	remote I/O
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Peripheral 2	mini traffic lights
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Cable length:	6
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Visibility:	Adjacent
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Load Cell	SSB C3
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Make	Vishay Measurements Gro
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Test Cert	TC2663 rev. 4
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Cell Cap:	2t
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No of cells:	4
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Serial Nos	1 28011577	4 28019124
	2 28014733	5
	3 28012954	6

Test Weights: (EN45501 3.7.1)	
Test Weight Cert	10108
Test Date	30/03/2023
Identification	A1-27
Description	25 tonne blocks + small wts

### Preliminary Observations:

MaxPreLoad:	YES
Max9eBlank:	YES
TareDevice:	NO
TestDisplay:	YES
ExtIndication:	NO
TicketTest:	YES
PeripheralMark:	Correct
TACconditions:	YES
MarkingsEtc:	Correct
EnvironCon:	Fine
LRVisibility:	Adjacent

Notes:	
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### Error Tolerances:

≤500e permissible error = 1 e	≤ 500 ka	+/- 1 ka
≥501e to ≤2000e permissible error = 2 e	≥ 501 to ≤2000 kg	+/- 2 kg
≥2001e to 3000e permissible error = 3 e	≥ 2001 to 3000 kg	+/- 3 kg

### Linearity, Hysteresis and Tare Weighing (EN45501A4.4 and A4.6 Tables 1-7). To include Min, Max and Error change points and one other load.

	Applied:	Indicated	Error:	Error(e):
ZeroLoad:	100.000	100.000	0.000	0.00
MinLoad:	200.000	200.000	0.000	0.00
200e:	300.000	300.000	0.000	0.00
500e:	500.000	500.000	0.000	0.00
1000e:	1000.000	1000.000	0.000	0.00
HalfMax:	1500.000	1500.000	0.000	0.00
2000e:	2000.000	2000.000	0.000	0.00
Max:	3000.000	3000.000	0.000	0.00
DHalfMax:	1500.000	1500.000	0.000	0.00
D1000e:	1000.000	1000.000	0.000	0.00
D500e:	500.000	500.000	0.000	0.00
DMin:	200.000	200.000	0.000	0.00

### Eccentric Loading Test (EN45501 3.6.2.2)

2	6	3	Error:
1	5	4	
2	6	7	3
1	5	8	4
CornerLoad:	1000.000	CL1Ind:	0.000
No. of LoadPoints:	4	CL2Ind:	0.000
MPE +/-:	2 kg	CL3Ind:	0.000
		CL4Ind:	0.000
		CL5Ind:	
		CL6Ind:	
		CL7Ind:	
		CL8Ind:	

### Repeatability and suitability for Substitution of Standard weights test (EN45501 3.6.1; 3.7.3) - 3 weighs for Class III

HalfMax1:		Max1:	
HalfMax2:		Max2:	
HalfMax3:		Max3:	
Range:		Range:	
MPE +/-:	2 kg	MPE +/-:	2 kg

Authorised Signature	
Result:	<b>PASS</b>
Next Due:	03/01/2025