

Tested By:	Oliver Maguire	Document ID:	
Calibration Date	13/01/25	263257 - 13/01/2025	

Site Name :	Russell Richardson & Sons Ltd - 15m		Test Type:	Cal Check - Trade
Machine Location:	Unit 11-14 Parkhouse Lane Sheffield	Test Location:	Site Address	Serial No: 263257
	S9 1XA			Accuracy Class: III

Units:	kg	e =	20.000
Max:	50000.000	d =	20.000
Min:	400.000	Divisions:	2500

Make:	John Maguire & Son
Model:	SMDT - weighbridge
Type:	Weighbridge

Indicator Model	CSW-20 rev.12
Make	Ian Fellows
Test Certificate	UK2677
Type Approval	UK2677 rev.12

TestWeights:	West Yorks 06.09.24	Substitute:	YES
Amount Wts:	20000 kg	TW%:	40%

Size:	15m x 3m
Capacity:	50,000kg
Increments:	20kg
Serial No:	263257
Printer:	
Peripheral 1	Flashcard PC link
Peripheral 2	Ethernet to serial c
Cable length:	12
Visibility:	Window

Load Cell	5223 50K
Make	Vishay Measurements Gro
Test Cert	R60/1991-GB-95.07
Cell Cap:	50k
No of cells:	4
Serial Nos	1 33026200 4 33014216 2 33026230 5 3 33024421 6

Test Weights: (EN45501 3.7.1)	
Test Weight Cert	11223
Test Date	06/09/2024
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
LRVvisibility:	Window

Notes:	
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Error Tolerances:

≤500e permissible error = 1 e	≤ 10000 ka	+/- 20 ka
≥501e to ≤2000e permissible error = 2 e	≥ 10020 to ≤40000 kg	+/- 40 kg
≥2001e to 3000e permissible error = 3 e	≥ 40020 to 50000 kg	+/- 60 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:	2000.000	2000.000	0.000	0.00
MinLoad:	4000.000	4000.000	0.000	0.00
200e:	6000.000	6000.000	0.000	0.00
500e:	10000.000	10000.000	0.000	0.00
1000e:	16000.000	16000.000	0.000	0.00
HalfMax:	20000.000	20000.000	0.000	0.00
SubLoad (3.7.3):	19880.000	19880.000	0.000	0.00
SubLoad2:	29880.000	29880.000	0.000	0.00
SubLoad3:	39880.000	39880.000	0.000	0.00
FLT:	4250.000			
SubLoad4:	44130.000	44134.000	4.000	0.20
D2000e:	19880.000	19880.000	0.000	0.00
DHalfMax:	20000.000	20000.000	0.000	0.00
D1000e:	16000.000	16000.000	0.000	0.00
D500e:	10000.000	10000.000	0.000	0.00
DMin:	4000.000	4000.000	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:	6250.000	CL1Ind:	-2.000
No. of LoadPoints:	4	CL2Ind:	-2.000
MPE +/-:	20 kg	CL3Ind:	8.000
		CL4Ind:	8.000
		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:	0.00	Range:	0.00
MPE +/-:	40 kg	MPE +/-:	40 kg

Authorised Signature	
Result:	PASS
Next Due:	31/01/2026