

Tested By:	Oliver Maguire	Document ID:
Calibration Date	16/02/26	104299 - 16/02/2026

Site Name : Broughshire Ltd.	Test Type: Cal Check - Trade
Machine Location: Litchard Ind. Est Bridgend Mid Glamorgan South Wales	Test Location: Site Address CF31 2AL
Accuracy Class: III	

Gerard's Farm, 2 Church Lane, Wrightington, Wigan WN6 9SL 07831
461840 /

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

oliver@maguireweighing.co.uk

Make:	MAGUIRE				
Model:	SMDT - weighbridge				
Type:	Weighbridge				
TestWeights:	West Yorks 16.10.25	Substitute:	YES	Size:	
Amount Wts:	10000 kg	TW%:	40%	Capacity:	15m x 3m
(EN45501 3.7.1)	12080	Test Weights:	50,000kg	Increments:	20kg
Test Weight Cert	16/10/2025	Serial No:	104299	Printer:	TM-U295
Test Date	A1-27	Peripheral 1		Peripheral 2	
Identification	25 tonne blocks + small wts	Visibility:			
Description	Cable legth:				

LRVisibility:	Wind																									
	ow																									
Eccentric Loading Test (EN45501 3.6.2.2)																										
	Error:																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>2</td> <td>6</td> <td>3</td> <td>CL1Ind:</td> <td>0.000</td> </tr> <tr> <td>1</td> <td>5</td> <td>4</td> <td>CL2Ind:</td> <td>4.000</td> </tr> <tr> <td>2</td> <td>6</td> <td>7</td> <td>CL3Ind:</td> <td>-2.000</td> </tr> <tr> <td>1</td> <td>5</td> <td>8</td> <td>CL4Ind:</td> <td>4.000</td> </tr> <tr> <td></td> <td></td> <td></td> <td>CL5Ind:</td> <td></td> </tr> </table>	2	6	3	CL1Ind:	0.000	1	5	4	CL2Ind:	4.000	2	6	7	CL3Ind:	-2.000	1	5	8	CL4Ind:	4.000				CL5Ind:		
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			CL5Ind:																							
CornerLoad:	16000.000	CL6Ind:																								
No. of LoadPoints:	4	CL7Ind:																								
MPE +/-:	40 kg	CL8Ind:																								

Repeatability and suitability for Substitution of Standard weights test (EN45501 3.6.1; 3.7.3) - 3 weights for C			
HalfMax1		Max1:	43712.000
:		Max2:	43706.000
HalfMax2		Max3:	43714.000
:	0.00	Range:	8.00
HalfMax3		MPE +/-	40 kg
:	4		
Range:	0		
MPE +/-	kg		

Preliminary Observations:	
MaxPreLoad:	YES
Max9eBlank:	YES
TareDevice:	NO
TestDisplay:	YES
ExtIndication:	NO
TicketTest:	YES
PeripheralMark:	Correct
TACconditions:	YES
Markings Etc:	Correct
Environment:	Fine

Notes:

Authorised Signature	
Result:	PASS
Next Due:	28/02/2027

Indicator Model	System 2X		
Make	Ian Fellows		
Test Certificate	TC2489		
Type Approval	UK2747 rev.1		
Load Cell	5223	50K	
Make	Vishay Measurements Gro		
Test Cert	R60/1991-GB-95.07		
Cell Cap:	50k		
No of cells:	4		
1		4	
2		5	
3		6	

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	3998.000	-2.000	0.10
200e:	6000.000	5996.000	-4.000	-0.20
500e:	10000.000	9996.000	-4.000	-0.20
1000e:	16000.000	15996.000	-4.000	-0.20
HalfMax:	20000.000	19998.000	-2.000	-0.10
SubLoad (3.7.3):	19656.000	19654.000	-2.000	-0.10
SubLoad2:	29656.000	29658.000	2.000	0.10
SubLoad3:	39656.000	39658.000	2.000	0.10
FLT:	4056.000			
SubLoad4:	43712.000	43712.000	0.000	0.00
D2000e:	19656.000	19656.000	0.000	0.00 -
DHalfMax:	20000.000	19998.000	-2.000	0.10
D1000e:	16000.000	15996.000	-4.000	-0.20
D500e:	10000.000	9996.000	-4.000	-0.20
DMin:	4000.000	3996.000	-4.000	-0.20

Error Tolerances:

≤500e permissible error = 1 e	≤ 10000 kg	+/- 20 kg
≥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