

Tested By:	Oliver Maguire	Document ID:	
Calibration Date	13/07/21	T16310043 - 13/07/2021	

Site Name :	TLM Management		Test Type:	Cal Check - Trade	
Machine Location:	Hovefields Avenue, Off Courtauld Road. Basildon.	Test Location:	Site Address	Serial No:	T16310043
	SS13 1EB			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	VT300
Make	Vishay
Test Certificate	DK0199-R76-05.02 rev.1

TestWeights:	West Yorks 02.21	Substitute:	YES
Amount Wts:	20000 kg	TW%:	40%

Size:	15m x 3m
Capacity:	50,000kg
Increments:	20kg

Type Approval	DK0199.62 rev.5
----------------------	------------------------

Test Weights: (EN45501 3.7.1)	
Test Weight Cert	8714
Test Date	23/02/2021
Identification	A1-27
Description	25 tonne blocks + small wts

Serial No:	T16310043
Printer:	TM-U295
Peripheral 1	
Peripheral 2	
Cable length:	15
Visibility:	Window

Load Cell	HM9E-C3-50K-12B
Make	Zemic Europe B.V.
Test Cert	TC7810
Cell Cap:	50k
No of cells:	4

Serial Nos	1	21537731	4	21537699
	2	21537703	5	
	3	21537706	6	

Preliminary Observations:

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

Notes:	
DL: 074985	
DL: + 20t 160117	

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):	19360.000	19360.000	0.000	0.00
SubLoad2:	29360.000	29380.000	20.000	1.00
SubLoad3:	39360.000	39380.000	20.000	1.00
FLT:	4220.000			
SubLoad4:	43580.000	43580.000	0.000	0.00
D2000e:	19360.000	19360.000	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:	6220.000	CL1Ind:	0.000
No. of LoadPoints:	4	CL2Ind:	0.000
MPE +/-:	20 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 +/-:	40 kg	MPE +/-:	40 kg

Authorised Signature	
Result:	PASS
Next Due:	13/07/2022