

# CALIBRATION CERTIFICATE TEST RECORD

Tested By:	<b>Oliver Maguire</b>	Document ID:	
Calibration Date	<b>05/10/20</b>	<b>T08310365 - 05/10/2020</b>	

Site Name :	<b>GTR Aggregates and Recycling Ltd</b>		Test Type:	<b>Cal Check - Trade</b>
Machine Location:	Dee Bank Ind Est Bagillt Flint	Test Location:	Site Address	Serial No: <b>T08310365</b>
	CH6 6HJ			<b>Accuracy Class: III</b>

Units:	<b>kg</b>	e =	<b>20.000</b>	Make:	<b>John Maguire &amp; Son</b>	Indicator Model	<b>VT300</b>
Max:	<b>40000.000</b>	d =	<b>20.000</b>	Model:	<b>SMDT - weighbridge</b>	Make	<b>Vishay</b>
Min:	<b>400.000</b>	Divisions:	<b>2000</b>	Type:	<b>Weighbridge</b>	Test Certificate	<b>DK0199-R76-05.02 rev.1</b>
TestWeights:	<b>West Yorks 2020-1</b>	Substitute:	<b>YES</b>	Size:	<b>9m x 3m</b>	Type Approval	<b>DK0199.62</b>
Amount Wts:	<b>20000 kg</b>	TW%:	<b>50%</b>	Capacity:	<b>40,000kg</b>	Load Cell	<b>ASC C3 30t</b>
Test Weights: (EN45501 3.7.1)		Increments:	<b>20kg</b>	Serial No:	<b>T08310365</b>	Make	<b>Vishay Measurements Gro</b>
Test Weight Cert	<b>8262</b>	Printer:	<b>TM-U295</b>	Peripheral 1		Test Cert	<b>D09-03.07</b>
Test Date	<b>19/06/2020</b>	Peripheral 2		Cable length:	<b>10</b>	Cell Cap:	<b>30t</b>
Identification	<b>A1-27</b>	Visibility:	<b>Window</b>	Serial Nos	1 <b>R480298A</b>	No of cells:	<b>4</b>
Description	<b>25 tonne blocks + small wts</b>				2 <b>T4003668A</b>		
					3 <b>28020692</b>		
					4 <b>T4003733A</b>		
					5		
					6		

### Preliminary Observations:

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

### Notes:

## JB IS ON FAR SIDE OF WB - nos 2&3 nearest to ne office ###  
Nov16: New 20 core cable run and connected at each to weighbridge and indicator in new office. Spare cores used for RS485 comms for Remote Displav

### Error Tolerances:

≤500e permissible error = 1 e	≤ 10000 ka	<b>+/- 20 ka</b>
≥501e to ≤2000e permissible error = 2 e	≥ 10020 to ≤40000 kg	<b>+/- 40 kg</b>
≥2001e to 3000e permissible error = 3 e	≥ 40020 to 40000 kg	<b>+/- 60 kg</b>

### 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):	4240.000	4240.000	0.000	0.00
SubLoad2:	14240.000	14240.000	0.000	0.00
SubLoad3:	24240.000	24240.000	0.000	0.00
FLT:				
SubLoad4:				
D2000e:	4240.000	4240.000	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	CL1Ind: 0.000
1	5	8	CL2Ind: 20.000
			CL3Ind: 0.000
			CL4Ind: 0.000
			CL5Ind:
			CL6Ind:
			CL7Ind:
			CL8Ind:
CornerLoad:	<b>6240.000</b>		
No. of LoadPoints:	<b>4</b>		
MPE +/-:	<b>20 kg</b>		

### 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 +/-:	<b>40 kg</b>	MPE +/-:	<b>40 kg</b>

Authorised Signature	
Result:	<b>PASS</b>
Next Due:	<b>05/10/2021</b>